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MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 335/	Press ~~Mis.~~
453-454	
Dated 22-11-	18 64.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd November 1864.*

No. 453. Read the following Memorandum from the Quarter Master General of the Army, dated Head Quarters, Ootacamund, 5th November 1864, No. 492-10,117:—

Read the following letter from Major General W. C. McLEOD, Commanding Ceded Districts, to Lieutenant-Colonel F. H. SCOTT, Quarter Master General of the Army, dated Bellary, 24th October 1864, No. 132.

SIR,

1. In continuation of my letter No. 100 of 21st August 1864, which, having met with the approval of His Excellency the Commander-in-Chief, secured the sanction of Government, I beg respectfully to submit a further proposal* from

* Copy of Captain Fischer's letter is enclosed. the Executive Engineer connected with the works therein referred to, viz, the channel for the supply of water to the Goontah in the Native Infantry Lines

2. Captain Fischer proposes to raise the bunds of that work $1\frac{1}{2}$ yards, and the calingulahs which carry off the surplus water 1 yard. Thus an extensive sheet of water will be formed irrespective of the Goontah. I find on enquiry from him, that he has likewise provided for increasing the width of the bund throughout, thus strengthening the work. For this I beg the sanction of His Excellency the Commander-in-Chief.

3. As the estimated amount for the work falls under 3,000 Rupees, the amount left (3,860 Rupees) after the sum sanctioned by Government in its Order No. 291 of the 19th September for the branch supply channel to the Fort ditch is deducted, will afford sufficient funds for the work now spoken of.

4. The proposition brought forward in the 5th paragraph of Captain Fischer's letter merits attention, and I would urge its being undertaken.

5. I do not see at present that there is any necessity to touch the money referred to by Captain Fischer in the 4th paragraph of his communication. The surplus remaining, after completing the work authorized by Government in its Order No. 3,291, out of the amount sanctioned in its Order No. 708 of the 8th March 1864, ought to cover both the works now brought under consideration.

6. The experience of every day here shews that there is an urgent necessity for providing a proper supply of water for this place, a thing which is very far from existing at present; already, at this early period, the water in many of the wells has commenced to diminish, and if the present drought continues, it is distressing to surmise what the inhabitants will do for that necessary of life in the coming hot season.

From Captain J. F. FISCHER, R. E., Executive Engineer, 1st Class, to Major W. A. RIACH, Deputy Assistant Quarter Master General, Ceded Districts, dated Bellary, 5th October 1864, No. 385.

SIR,

1. I have the honor to request you will be good enough to bring to the notice of the Major General Commanding the Division, that the channel recently constructed for the supply of the Native Infantry Goontah forms a very fine reservoir of water before its surplus calingulahs begin to discharge. By raising these one yard and the bund $1\frac{1}{2}$ yard, a much larger reservoir can be formed, and I beg to recommend the project for the favorable consideration of the Major General

2. The estimated cost of this work is under Rupees 3,000, if entirely executed by the Sappers, and there are funds available for carrying it out in this official year, but I have no authority for diverting them to this purpose however much it may be desired, and my object in now addressing you is to obtain the concurrence of the Major General in applying to Government for the necessary sanction

*Proceedings of the Madras Government, Public Works Department,
22nd November 1864.*

3. Government in their Orders No. 708, dated 8th March 1864, sanctioned Rupees 6,010, for two wells, of this money Rupees 650 has been spent on well work; Rupees 1,500 were sanctioned in Government Order No. 3,291, dated 19th September 1864, for the branch supply channel to the Fort ditch, leaving a balance of Rupees 3,860 unexpended, this money I would propose using in the construction of the reservoir.

4 There is also a sum of Rupees 2,154 sanctioned for the construction of a School room on the Ramandroog, this work cannot be executed in this official year, and is not absolutely required, as the room now building for a place of worship can be used on week days by the School, this money, therefore, is also available for the water supply of this Cantonment.

5. From the experience I have had in this District, I am of opinion that well sinking will yield in general very unsatisfactory results; a lucky hit was made in the site selected for a well near the Artillery Grass-cutters' lines, and a good supply of water has been obtained there for the supply of these lines and the horses. I beg to recommend the boring apparatus being used in this well next hot weather, its position in a basin surrounded on all sides by elevated lands, and the fact of water percolating so readily into it immediately after the fall of any rain in the hills to the westward of this station, leads me to conclude that if a free passage were opened to the waters now absorbed by the land, a more abundant supply would be obtained in this well. The detachment of Sappers of the C and D Company, so long employed here, understand this work, and could execute it. Its cost would probably be under Rupees 1,000, which could be provided from the funds I have above referred to.

(True Copy.)

(Signed) W. A. RIACH, Major,
Dy. Assistant Quarter Master General, Ceded Districts.

1. Forwarded to Government.
2. The Commander-in-Chief approves of these projects if funds can be allowed for them.
(By order.)

(Signed) F. H. SCOTT, Lieutenant-Colonel,
Quarter Master General.

Approved and transferred to the Department Public Works, in which Department the question regarding the appropriation of the funds will be disposed of.

FORT SAINT GEORGE,
12th November 1864.

(Signed) R. HAMILTON, Lieutenant-Colonel,
Under Secretary to Government.

No. 454. ORDER THEREON, 22nd November 1864, No. 3,351.

1. Communicated to the Superintending Engineer, 3rd Division, who will submit an estimate for the improvements proposed to be carried out to the channel recently constructed for supplying water to the Goontah in the Native Infantry Lines at Bellary. The work may in the meanwhile be proceeded with from the unexpended balance of the grant made from the Reserve in G. O. No. 1,657, dated 7th June 1864.

2. It is observed that it is proposed to execute the work referred to in paragraph 5 of Captain Fischer's letter during the next hot season.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 3rd Division.
„ Controller of Public Works Accounts.
„ Accountant General.

Exd S. T. Augustin.

*Head Quarter Ceded Districts
Bellary 24th October 1864.*

No. 132.

*From,
Major General W. Colclough
Commanding Ceded Districts
To,
The Quarter Master General
of the Army,
Fort Saint George.*

*Copy of Captain
Fischer's letter
is enclosed.*

*In continuation of my letter No. 100 of
21st August 1864, which, having, met with the
approval of His Excellency the Commander in
Chief, secured the sanction of Government, I beg
respectfully to submit a further proposal from the
Executive Engineer connected with the works therein
referred to, viz the channel for the supply of water
to the Goontah in the Native Infantry Lines.*

*2. Captain Fischer proposes to raise the
Bunds of that work $\frac{1}{2}$ yards and the Calingulah
which carry off the surplus water 1 yard. Thus
an extensive sheet of water will be formed
irrespective of the Goontah. I find on enquiring
from him that he has likewise provided for
increasing the width of the Bund throughout,
thus strengthening the work. For this I beg the
sanction of His Excellency the Commander
in Chief.*

*3. As the estimated amount for the
work falls under 3000 Rs. the amount left (3860 Rs.)
after the sum sanctioned by Government in its
Order No. 1291 of the 19th September for the branch
supply channel to the Fort ditch is deducted, will
afford sufficient funds for the work now spoken
of.*

The

4.- The proposition brought forward in the
5th Para of Captain Fischer's letter merits attention
and I would urge its being undertaken.-

5.- I do not see at present, that there is any
necessity to touch the money referred to by Captain
Fischer in the 4th Para of his communication.-

The surplus remaining, after completing the works
authorized by Government in its Order No. 3271 out
of the amount sanctioned in its Order No. 708 of
the 8th March 1864, ought to cover, both the works
now brought under consideration.-

6.- The experience of every day here shows,
that there is an urgent necessity for providing
a proper supply of water for this place, a thing
which is very far from existing at present already,
at this early period, the water in many of the
wells has commenced to diminish, and if the
present drought continues, it is distressing to
surmise what the inhabitants will do for that
necessary of life in the coming hot season.-

I have the honor to be,

Sir,

Your most Obedt Servt,

Robert D. Bagshaw

Commanding C D

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27/11/64 215
Pro: of Grosvenor Museum
11/11/64 215
from the Director
long to you & in the
July. 215
2/12 215
Dec. 11/11
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215-215 Grosvenor
Transferring the
from the 215
and applying of certain
projects submitted by the
Ex. Engrs for the supply
of water to the domestic
in the Native Infantry
Camp at Bellary.

215 3357

Communicated to the Supt. of
31/5/64 will submit an estimate
for the improvements proposed to
be carried out to the Channel
recently constructed for supply
ing water to the Grosvenor
in the Native Infantry Camp
at Bellary. The work
may in the meanwhile
be proceeded with from the
uninterrupted balance of the grant
made from the Revenue in 1960
N. 1657 of 7 June/61.

It is desired that it be
proposed to execute the work referred
in paras 5 of letter of 19/6/61
during the next half year
to the 1/1/62 3/6/62
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