

(1) Number of pages \_\_\_\_\_

(2) Date of repair \_\_\_\_\_

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# MADRAS RECORD OFFICE.

Government of Madras.

*Public Works* DEPARTMENT.

|                  |                 |
|------------------|-----------------|
| G.O. No. 2844-45 | Press           |
| 344-346          | <del>Mis.</del> |
| Dated 14 - 9     | 1867.           |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
14th September 1867.*

No. 344. Read the following Endorsement of the Consulting Engineer for Irrigation and Canal Company, dated Madras, 28th August 1867, No. 60 :—

Read the following letter from the Acting Agent and Manager, Madras Irrigation and Canal Company, to the Consulting Engineer for Irrigation and Canal Company, dated Madras, 14th August 1867, No. 220.

No. 67 of 7th August 1867.

1. I have the honor to hand you copy of a letter which I have received from Mr. Gordon, with reference to the projected Masoor reservoir.

2. It would appear that the information contained in Colonel Fife's letter, published with Proceedings Madras Government, No. 2,016 of 6th July 1867, is not sufficiently full to enable Mr. Gordon to consider the project, or make his calculations, in connection with the requirements for Irrigation of the Bombay Government.

3. I shall, therefore, esteem it a favor if you will take the necessary steps to obtain for Mr. Gordon the further details which he requires as explained in his letter.

From G. GORDON, Esq., to the Acting Agent and Manager, Madras Irrigation and Canal Company, dated Bellary, 7th August 1867, No. 67.

1. In order to enable me to estimate the cost of the storage of water in the projected Masoor reservoir, it is necessary that I should know the quantity which the Bombay Irrigation Department claims a right to. This is not clear to me from Colonel Fife's letter of the 15th June (Proceedings Madras Government, 6th July 1867).

2. In paragraph 2, Colonel Fife says that it was contemplated ultimately to utilize the whole supply the river and tank can afford, and he states this quantity at about 113 millions of cubic yards. I can only suppose that this quantity is intended to represent that which is available from the tank in its present state, as it is stated in paragraph 3 that they have it in their power to use more if they construct additional storage works. Again, Colonel Fife says, paragraph 3, that there is abundance of land which will be commanded by any addition to the project, and on the other hand, in paragraph 6, he says the whole supply of the river would be far in excess of the quantity they would require for all the land within British territory.

3. I thought I had sufficiently consulted the interests of the Bombay Irrigation Department, by putting my lowest sluice above the level of the crest of the weir lately constructed, so that the supply to the Bombay works would remain as it is at present.

4. I shall feel obliged if you will ascertain precisely what additions, if any, the Bombay Government propose making to the present works, and what area of land there is in British territory to which paragraph 3 of Colonel Fife's letter would apply.

5. If the Company were to supply 112 millions of cubic yards of water to the Bombay Government free of charge, and if reasonable terms were granted to the Company for a certain additional quantity supplied to the land in the Bombay Presidency, the site would still be one of the most favorable the Company could select.

From G. GORDON, Esq., to the Agent and Manager, Madras Irrigation and Canal Company, dated Bellary, 15th July 1867, No. 53.

I have the honor to acknowledge the receipt of G. O. No. 2,016 of 6th July 1867. I hope to submit, at no distant date, a report on the Masoor site and an estimate of the cost of the works, and I will then notice the claims made by the Bombay Government. At present I will only state that my plan places the lowest sluice above the level of the weir constructed by the Bombay Irrigation Department, so that their present supply will not be interfered with. And that I see

*Proceedings of the Madras Government, Public Works Department.*  
14th September 1867.

no reason why the other stipulation, or the considerations mentioned by Colonel Fife in paragraph 6 of his letter, should detract from the value of this site to the Company (see the paragraph last quoted). Perhaps Colonel Fife is not aware of the very large capacity of the tank which exceeds what one would expect on a river like the Chourdy. The quantities of water mentioned in his paragraph 2 amount to about 110 millions of cubic yards per annua, while the proposed reservoir is approximately calculated to contain 1,400 millions.

No. 201.

Communicated to the Consulting Engineer.

MADRAS,  
30th July 1867.

(Signed) C. A. BADHAM,  
*Acting Agent and Manager.*

Submitted for the consideration of Government, in continuation of a letter No. 49 of the 23rd ultimo, from this Office.

(Signed) J. MULLINS, Captain, R. E.,  
*Consulting Engineer for I. and C. Company.*

No. 345. ORDER THEREON, 14th September 1867, No. 2,844.

IRRIGATION, No. 13.

The Bombay Government will be addressed upon the subject of these papers:—

(Here enter No. 2,845, dated 14th September 1867.)

(True Extract.)

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

To the Consulting Engineer for the Madras Irrigation and Canal Company.  
,, Manager for do. do.

Exd. S. T. Augustin.

PUBLIC WORKS DEPARTMENT,  
FORT ST. GEORGE,  
14th September 1867.

No. 2,845.

No. 346.  
To

THE SECRETARY TO THE GOVERNMENT OF BOMBAY.

SIR,

IRRIGATION, No. 14.

In G. O. No. 2,844, dated 14th Sept. 1867.

With reference to your letter of the 24th June 1867, No. 56 I/1,558, I am directed to forward herewith the papers marginally noted, in which the Officers of the Madras Irrigation and Canal Company request definitive information as to the character of the works which the Bombay Government may have it in contemplation to carry out for improving the capacity of the Mudduk Masoor tank, the area now under cultivation, and the greatest extent of land within the limits of the Bombay Presidency which can be supplied by the tank on its enlargement. As these particulars are necessary to enable the Officers of the Company to determine what surplus quantity of water will be available for the use of the Company's Canal from the Toomboodra, and to allow of their preparing the project which they have under consideration for the formation of a great reservoir at the site in question, I am to request that the desired information may be furnished, and that the discrepancies pointed out by Mr. Gordon in Colonel Fife's letter of the 15th June 1857, No. 937, may be explained.

I have the honor to be,  
Sir,

Your most obedient servant,  
(Signed) CHARLES A. ORR, Colonel, R. E.,  
*Secretary to Government.*

Exd. S. T. Augustin.

No. 53.

Bellary Division

To

The Agent and Managers  
Madras.

Sir,

I have the honor to acknowledge the receipt of G. O. No. 2016 of 5<sup>th</sup> July 1867. I hope to submit at an distant date a report on the Maroor side and an Estimate of the Cost of the works, and I will then notice the Claims made by the Bombay Government. At present I will only state that my Plans places the lowest sluice above the level of the weir constructed by the Bombay Irrigation Department, so that their present supply will not be interfered with. And that I see no reason why the other stipulations or the considerations mentioned by Colonel Fife in para 6 of his letter should detract from the value of this site to the Company (see the para last quoted). Perhaps Col. Fife is not aware of the very large capacity of the Tank which exceeds what one would expect on a River like the Chaurdy. The quantities of water mentioned in his para 2 Amount to about 110 Millions of C. Gals. per annum while the proposed Reservoir is approximately

—by

by calculated to contain 100 millions.

Share 8%

104 G. Gordon

Bellary  
15<sup>th</sup> July 1867

No. 204

Communicated to the Consulting Eng.  
-mess-

*[Signature]*

Agent and Manager

Madras  
30<sup>th</sup> July 1867

*[Faint handwritten notes and calculations, possibly a ledger or account book, with columns of numbers and text.]*

18220

Manas Irrigation & C. Co.

Manas 14th Aug 1864.

From

The Acting Agents for

Manas & Co.

To

The Consulting Engineer

Irrigation & C. Co.

Sir,

I have the honor to hand you  
a copy of a letter which I have received  
from Mr. Gordon with reference to the  
projected Manas Reservoir.

It would appear that the  
information contained in Colonel  
Telford's letter published with P. M. G. No.  
2016 of 6 July 1864 is not sufficient  
fact to enable Mr. Gordon to consider  
the project or make his calculations  
in connection with the requirements  
for Irrigation of the Bombay Government.

I shall therefore esteem it  
a favor if you will take the necessary  
steps.

Yours

John Gordon Manager  
Irrigation & C. Co.

2007 Consulting Engineer  
Manas & Co.

2016 of 6 July 1864  
Manas & Co.

2016 of 6 July 1864  
Manas & Co.

2016 of 6 July 1864  
Manas & Co.

2016 of 6 July 1864  
Manas & Co.

2016 of 6 July 1864

I have the honor to be  
Dear Sir

Good night!

C. A. Smith

Calg. Open to you and

*Ag. Cap.*

Bellamy Division

C. A. Bordeny.

Actg: Agents Man and

In order to enable me to estimate the cost of the Storage of water in the projected Mavor Reservoir it is necessary that I should know the quantity which the Bombay Irrigation Department claims a right to. This is not clear to me from Col. Yule's letter of the 15<sup>th</sup> June / P. M. G. 6<sup>th</sup> July 1897.

2 In para 2 Colonel Yule says that it was contemplated ultimately to utilize the whole supply the River and Tank can afford, & he states this quantity at about 113 Millions of Cgs. I can only suppose that this quantity is intended to represent that which is available from the Tank with its present state, & it is stated in para 3 that they have it in their power to use more of it. They construct additional Storage works. Again Col. Yule says para 3 that

that there is abundance of land which  
will be commanded by any addition  
to the project on the other hand in  
para 6 he says the whole supply  
of the River would be far in excess  
of the quantity they would require  
for all the Canal within British  
Territory.

3 I thought I had sufficiently  
connected the interests of the Bombay  
Irigation Department by putting  
my lowest sluice above the level  
of the crest of the weir Gate & Con-  
structed so that the supply to the  
Bombay works would remain  
as it is at present.

4 I shall feel obliged if you will  
ascertain precisely what additions,  
if any, the Bombay Government pro-  
pose making to the present works,  
and what area of land there is in  
British Territory to which para 3  
of Col. Fife's letter would apply.

5 If the Company were to supply  
the millions of Cus of water to the  
Bombay Government free of charge  
and if reasonable terms were granted  
the Company for a certain additional  
quantity supplied to the Canal  
in the Bombay Presidency the site  
would still be one of the most  
favorable the Company could select.

I have &c  
Signed G. Gordon

Bellary.  
7<sup>th</sup> August 1864

True Copy

C. M. S. S. S.  
Acly: Agents to the Company

8



e. 6m Sept 1967 Pa-9m

with the subject of the  
Proposed Amendment  
to the Constitution

With reference to your  
letter of the 24<sup>th</sup> June 1867,  
No 661  
1868, I am directed  
to forward herewith the  
papers marginally noted,  
in which the officers of the  
Madras Irrigation and Canal  
Company request definitive

information as to the character  
of the works which the Bombay  
Govt. may have it in con-  
templation to carry out  
for improving the capacity  
of the Bradduck's Dragoon  
Tank, the area now under  
cultivation, and the greatest  
extent of land within the  
limits of the Bombay Pre-  
sidency which can be  
supplied by the Tank on  
its enlargement. As these  
particulars are necessary  
to enable the officers of the  
Company to determine what  
surplus quantity of water  
will be available for the  
use of the Company's Canal  
from the Toombodra, and  
to allow of their preparing  
the project which they have

under consideration for the  
formation of a great reser-  
voir at the site in question,  
I am to request that the  
desired information may be  
furnished, and that the  
discrepancies pointed out  
by Mr Gordon in Col.  
Fife's letter of the 15 June  
1857, be explained.

Fort St George  
14<sup>th</sup> Sept 1857

W.A.B.

Recd 16/9/57 with ency  
of 14<sup>th</sup> Sept 1857

P. W. 186 / . Department.

*Proc of Govt for September*

No. 2844 + 2845

PROCEEDINGS OF GOVERNMENT

*of Madras*

Dated *14<sup>th</sup> September 1867*

Passing orders on papers  
submitted by the Govt. Engineer  
for the Madras Irrigation and  
Canal Company, relative to  
the further information required  
to enable Mr. Gordon to prepare  
the estimate for the proposed  
Reservoir at Madurai, in connec-  
tion with the requirements for  
Irrigation of the Baramba District.

Addressing the Govt.  
of Bombay on the above subject.

*Ch 344-345 @ 346*