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MADRAS RECORD OFFICE.

Government of Madras.

Public DEPARTMENT.

G.O. No.	1542	Press ~~Mis.~~
Dated	9-12-1967	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Department,
9th December 1867.*

No. 63. Read the following Proceedings of Government in the Public Works Department, dated 15th November 1867, No. 3524.

Sanctioning the transfer to the Madras Municipality of certain land near the } (Vide Proceedings, Public Works De-
Spur tank for the purposes of the } partment, dated 15th November 1867,
Madras Water project. } Nos. 285—287.)

No. 64. ORDER THEREON, 9th December 1867, No. 1542.

To be recorded.

(Signed) R. S. ELLIS,
Chief Secretary.

Exd. J. Tulloch.

Read the following papers :—

No. 285. From the Municipal Commissioners for the Town of Madras, to the Chief Secretary to Government, Fort St. George, dated Madras, 21st October 1867.

1. As it will take some time for Mr. W. Fraser to mature his plan for the distribution of water within the Municipality, we deem it advisable that the preparation of materials should be commenced at once.

2. A very large quantity of bricks will be required for filter beds, reservoirs, &c., and Mr. Fraser has pointed out to us that it would be advantageous, so far as their quality is concerned, if the clay were turned out now and exposed to the monsoon.

3. Clay of the best description is to be had in the bed of the Spur tank, the very spot to which water is to be brought from the Red Hill tank, so that no expense will be incurred for transport of the bricks.

4. We enclose a tracing of the locality, and request that those portions belonging to Government, colored yellow and neutral tint, and bearing survey

* 6,664
1,038
9 125

numbers* as per margin, may be at once placed at our disposal.

5. On inquiry we learn, from the Deputy Collector of Madras, that Government have already ordered the said lands to be made over to Captain Magnay, Executive Engineer, for the Madras Water Works, but as that Officer has not yet taken charge of them from the Collector, we would suggest their being placed at our disposal, as

8,794 to 8,794
6,673
5,698
8,599
7,203
5,440

And the waste land bearing no number.

properly belonging to the distributive portion of the project.

Transferred to the Public Works Department.

(Signed) A. J. ARBUTHNOT,
Chief Secretary.

FORT ST. GEORGE,
28th October 1867.

Referred to the Superintending Engineer of the 4th Division, with a request that he will report, in communication with Mr. Chisholm, whether any portion of the land referred to by the Municipal Commissioners will be required for the proposed Government brick-field, and, if so, how much, in his opinion, should be reserved for that purpose.

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

31st October 1867.

No. 286. From the Acting Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 5th November 1867, No. 3,741.

1. I have the honor to acknowledge the receipt of your endorsement, dated 31st ultimo, on a letter from the Municipal Commissioners, Madras, to the Chief Secretary, applying for certain lands, the property of Government, in the Spur tank, and to report, in reply, that a portion of the ground shown in the survey accompanying your endorsement is very much required for a Government brick-field.

1 Endorsement of Government, dated 31st October 1867, with a sketch.
1 Original letter from Mr. Chisholm, with a sketch.

2. Previous to its receipt, I have been in communication with Mr. Chisholm with reference to the Order of Government of the 24th January 1866, paragraph 5, No. 276, and I have inspected three sites for brick-fields, one on the Spur tank, one at Aminjakerri on the road to Poonamallee, and one at Kodumbaukum beyond the Mylapoor and Nungumbaukum tanks. The former site possesses many advantages over the others, and I beg to enclose an original letter on the subject from Mr. Chisholm, with a sketch showing the portion of the Spur tank property which we require to be retained for our purposes.

3. The site at Aminjakerri can be bought by Government, as the owner is willing to part with it. The other at Kodumbaukum belongs to a Native, and would have to be taken by the Act, though there is a portion of land near it, which, though not quite so favorably situated, could be purchased or rented yearly. Both of these sites are three or four miles distant from the Fort, and beyond the Municipal limits, so that the expense of cart-hire, including the Municipal Toll Tax, would be very great.

4. We have before this date been anxious to secure the Spur tank site, where the soil is equally favorable for the manufacture of bricks, and the spot has the advantage of being much more central than the others, and already belongs to Government. When the Municipal Commissioners were applied to for permission to erect brick-kilns in this locality, the Board declined to license them, but as they now propose to establish the manufacture themselves, the objection is removed. Moreover, Mr. Chisholm purposes to erect kilns on improved principles, which will remove any cause of complaint.

5. It will be seen from the sketch that we require the lots marked 1,038, 2,433, 2,434, and 2,435, adjoining the Nawab's garden and certain other portions, with ruined buildings, already the property of Government. This extensive piece of ground will not be more than is required when the kilns are in full operation, and a large portion of the whole property, and as much as the Commissioners can desire, is left for the Madras Water Works project.

6. Mr. Chisholm has appended to his letter the probable preliminary cost of manufacturing bricks, which he estimates at Rupees 2,590, and he assumes that the machinery in the Government Stores will be available for the works.

The quality of the bricks now being supplied for Government works are in no way improved, and the supply being entirely in the hands of a few private individuals, we are entirely dependent upon them for this material, and the progress of many of our works recently at the Presidency has been delayed from the quantity of bricks running short. The establishment of a private brick-field lately at Kodumbaukum by the Contractors of the Presidency College, has shown that, with a little care in the tempering of the soil and in the manufacture of the brick, a vastly superior article to the usual one can be turned out, and the cost will not eventually exceed the sum we are now paying, viz., nearly Rupees 3 per 1,000, for inferior bricks.

7. I would strongly recommend, therefore, that Government should appropriate the land now asked for as a brick-field, and sanction the above outlay, in order that a commencement may be made under Mr. Chisholm's supervision.

From R. F. CHISHOLM, Esq., C. E., to the Superintending Engineer, 4th Division, dated Madras, 1st November 1867, No. 68.

1. In continuation of my letter No. 63 of the 23rd ultimo, and referring to the papers forwarded with your demi-official letter of to-day's date, I have the honor to enclose a plan showing the land required for the purpose of establishing a Government brick-yard on the north side of the Spur tank. The land consists of four lots taken up by the Government under the Act, and marked Nos. 1,038, 2,433, 2,434, and 2,435, two lots, marked with the letter A (all colored yellow), and land, the property of Government, (without certificate). The whole is bounded by a pink line.

2. As I have already mentioned elsewhere, I applied to the Municipal Commissioners, the month of April last. Colonel Boileau referred my letter to the Municipal Commissioners, who refused to grant permission to burn bricks on account of the tank being within the Municipal limits.

3. I am very glad that this objection has now been removed by the Municipal Commissioners, and I trust that the ground in question may be secured for the Government brick-yard. The saving in cart-hire will be something enormous, as the land in question is, on an average, upwards of a mile and a half closer to all parts of Madras than either of the sites we examined this morning.

4. I may state that the kiln which I propose eventually to erect, will not be in any way a nuisance, as all the heated air will pass off through a chimney 70 feet high. For the present, however, and until the brick-yard is fully established, I propose burning machine-made bricks for hearting walls, in ordinary clamps, and hand-made bricks for facing, in flame kilns.

5. As the supply of bricks can always be made to exceed the labor procurable for laying them, the Government might sell bricks to the Municipal Commissioners for their works, a system which is pursued in Calcutta with apparent advantage. I append, according to your request, the details of the rough estimate of expenses likely to be increased before any return can be looked for.

<i>Approximate Estimate of cost of establishing a Brick-field.</i>			
			Rupees
1. Tiled shed 100 x 40	...	...	1,200
2. Conveying and setting up machinery, say	...	...	200
3. Erecting shed over Steam engine, &c.	...	...	500
4. Brick moulds and benches	...	...	90
600 Rupees worth of firewood	...	...	600
Total Rupees			2,590

(Signed) R. F. CHISHOLM.

*Proceedings of the Madras Government, Public Works Department,
15th November 1867.*

No. 287. ORDER THEREON, 15th November 1867, No. 3,524.

IRRIGATION, No. 15.

1. The Government have no objection to transfer to the Municipal Commissioners a portion of the ground within the Spur tank, which they have applied for in the letter at the head of these Proceedings, provided there be no objection to the establishment of brick-fields on that site either by themselves or by the Government.

2. The portion of the ground which the Government would reserve for a Public Works brick-field is shown in the accompanying tracing, and is marked by a line in red pencil on the sketch submitted by the Municipal Commissioners. The remainder of the ground will be at the disposal of the Municipality.

(True Extract.)



Colonel, R. E.,

Secretary to Government.

To the Municipal Commissioners, with two Plans.
.. Superintending Engineer, 4th Division.
.. Public Department.

Recd 21. 11. 1867
Recd 17 Dec 1867

53. 64.

Recd 18 Dec 1867

Recd 19 Dec 1867

Dec 13 1867

Aug 13

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