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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Rev. DEPARTMENT

G.O. No.	46	Press
B.P. No.		Mis.
Dated	10 Sept. - 1966	

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*Proceedings of the Madras Government, Public Works Department,
26th August 1873.*

No. 428. Read the following letter from Colonel F. J. MOBERLY, R.E., District Engineer, Chingleput, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Guindy, 19th July 1873, No. 1,019:—

In reply to G. O., No. 1,590, dated 18th June, I have the honour to observe that as the sill of the lowest sluice of Chembrumbaukum tank is 59.90 above mean sea level, and the Government Farm at Sydapet (at most ten miles off) is 23 feet, there can be no obstruction to the supply. I should propose to carry the channel along the ridge, between the Cooum and the Adyar, till I came on the western-most feeder of the Mylapore tank, which would serve as a duct to the sluice which now supplies the farm.

2. If this be not done we are likely to interfere with the small tanks which irrigate land on the easy sloping banks of both the Adyar and the Cooum.

3. Mr. Fraser's work appears to have been confined to surveying and contouring for a tank near the Mount; plans and estimates for which were submitted by me with my No. 1,989, of 2nd April 1863, in connection with the Pammal tank, but neither of us had examined the country for a line from Chembrumbaukam to Madras.

4. If the Government would grant me Rupees 150, I would employ a Surveyor to take a line of levels to find how this ridge lies; it is so slight that I cannot trace it from even the large Revenue Survey Map.

5. I take the opportunity of urging in connection with this a scheme which I proposed in 1862, of joining the north and south branches of the East Coast Canal. I suggested a flight of locks near Home's Gardens, its lower sill 4 feet below mean sea level and upper at 20 or 21 feet in the Mylapore tank, across which and Nungambaukum tank a high level canal should be cut, dropping by other locks into the Cooum, which should be deepened. I had at one time thought of the Wotary nullah as more direct, but the Cooum passes through a better line of traffic. Chembrumbaukum tank would, I believe, in many years amply supply our wants for lockage, and only run short at most for a month or two in the driest season.

No. 429. ORDER THEREON, 26th August 1873, No. 2,129.

IRRIGATION, No. 27.

THE Government sanction an expenditure of Rupees 150, from the provision for temporary establishments, for the purpose of ascertaining definitely the proper line for a channel to connect the Government Farm at Sydapet with the Chembrumbaukum tank, and it is hoped that a short time will suffice to determine the line and prepare the estimate.

2. With regard to paragraph 5 of Colonel Moberly's letter, it is observed that the whole of the different schemes and lines for uniting the parts of the East Coast Canal to the north and south of Madras were considered by a Committee

Proceedings of the Madras Government, Public Works Department,
26th August 1873.

in 1869-70, and a salt water junction canal was recommended to Government and approved; vide Proceedings of the Madras Government, No. 1,585, dated 1st July 1870.

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,

Joint Secretary to Government.

/ True Copy /

John Mullins Lieut. Col. R.E.
Joint Secy to Govt.

- To the District Engineer, Chingleput.
.. Chief Engineer for Irrigation.
.. Controller of Public Works Accounts.
.. Revenue Department. ✓

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Exd. S. T. Austin.

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Govt. of (1873) Madras.

PUBLIC WORKS.

THE DISTRICT ENGINEER, CHINGLIPUT

20. 20. 20.

Date: August 26th.

Recd. Sept 8 } 1873 Encl.

G. O., 26th August 1873, No. 2,123.

AUGUST.

Nos. 428-429

10 September 73 N 46.

Channel.—Rupees 150 for the purpose of ascertaining definitely the proper line for a channel to connect the Government Farm at Sydapet with the Chembrumbankum tank, sanctioned with remarks.

with Order