

(1) Number of pages 8
(2) Date of repair 25-3-72
(3) Initials of the Referencer /

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.
B.P. No.

792-A

Press
Mis.

Dated

23-2-1877/197

Not to be folded or roughly handled

KN

792/1

*Proceedings of the Madras Government, Revenue Department,
23rd February 1877.*

Famine Relief.

Read again G.O. of 19th February 1877, No. 735, Revenue Department.
No. 729-A. Read also the following Proceedings of the Madras Government,
Public Works Department, dated 6th February 1877, No. 417:—

ABSTRACT.—Intimating that the Badataloo Project, Salem District, is not suited
for a famine relief-work, and that repairs of tanks should first be considered.

No. 729-B. ORDER THEREON, 23rd February 1877, No. 792-A.

Irrigation, No. 8-A.

THE Badataloo Project having been
condemned as a relief-work in the latter
of the two G.O. above read, the
Governor in Council does not consider it any longer necessary that the plans, &c.,
relating to it and called for in the former of those G.O. should be sent up to
Government.

(True Extract.)

(Signed)

J. H. GARSTIN,

Additional Secretary to Government.

To the Board of Revenue.
„ the Public Works Department.
„ the Financial Department.

Read the following:—

No. 93 W.

Note by the Chief Engineer for Irrigation.

No. 199.

The Badataloo project in Salem was considered by the undersigned during his tour of inspection at the beginning of 1875, and his opinion thereon was recorded in paragraph 42 of the Notes of Inspection.

The telegram from the District Engineer, Salem, of yesterday intimates that the execution of the project as a famine relief work is intended, and as the details cannot well be properly reviewed at present the following brief outline of the scheme is submitted.

2. The project provides for the enlargement of the tank from a capacity of 4,815 millions of cubic yards to 16½ millions, and for supplementing its supply from a drainage basin of between 20 and 28 square miles by cutting a supply channel 11½ miles in length from the Kurumbapilly river, which drains 650 square miles of country; also for constructing distributing channels under the tank.

3. The estimate, as revised in 1873, amounts to Rupees 1,13,018, and is made up of the following items:—

	Rs.
Anicut at head of channel	9,250
Head-sluice	3,500
Supply channel	20,500
Raising bund of tank A	420
Do. do. Q	920
Sluices	260
Two aqueducts	2,342
Three do.	2,916
Three surplus weirs	555
Two do.	700
One do.	195
Do. do. for tank A	400
Do. do. do. Q	285
	29,493

Enlarging Badataloo Bund—

Earthwork	32,869	2	0
Revetment	7,224	0	0
Puddle clay	2,250	10	0
Turfing	273	0	0
Sundries	363	4	0
Two sluices	7,400	0	0
Surplus weir	2,250	0	0
	52,630		

Distribution—

Eastern channel	2,150
Anicut at M	880
Western channel	850
Six culverts	1,830
Thirty small sluices	960

Govt. of (1877) Madras.

REVENUE.

THE BOARD OF REVENUE.

Rs. Ac. An.

Date Feb 23rd 1877

Recd.

Encl.

G.O., 23rd February 1877, No. 792-A.

FEBRUARY.

Nos. 729-A-729-B.

FAMINE RELIEF, No. 577-A.

Badataloo Project, Salem District.—Consider-
ing it unnecessary that the plan, &c., relating to
the — called for should be sent up, the project
has been condemned as a relief-work in the
Public Works Department.

*Proceedings of the Madras Government, Public Works Department,
6th February 1877. No. 417.*

	RS.
Raising Gow Saibs tank	85
Do. surplus weir do.	90
	6,845
Land compensation	11,300
Total works	1,13,018

The additions to the total for works will be—

Tools and Plant, say, 8 per cent.	9,040
Establishment, Executive, 25 per cent.	28,255
Do. Direction and control, 5 per cent.	5,651
	1,55,964
Or, say	1,56,000

As already noted in 1875, the Revenue officers estimate the increase of revenue at 11,000 Rupees, and to obtain 5 per cent. return on the outlay the cost of up-keep must not exceed about 3,200 Rupees annually, which would be a very small allowance for a work of this description.

4. The increased storage being 11.85 millions of cubic yards, the acreage capable of being supplied would be about 2,000, and it does not appear probable, therefore, that the revenue estimate of Rupees 11,000 would be exceeded, and it is very probable that so much would not be realised.

5. The project then is not one which under ordinary circumstances the undersigned would be prepared to recommend the Government to sanction as a profitable investment, but it may, in the present state of the Salem district, be thought desirable to carry it out rather than to employ labour on smaller works, which might cost more and be less beneficial. There are undoubtedly many tanks in Salem which greatly need putting to rights, but the difficulty would be to find at all adequate supervision.

6. Should the Government decide to undertake the Badataloo project with a view to providing employment for labour, the undersigned would recommend that it should, if possible, be carried out in a regular manner by the Public Works Department at ordinary rates, or at as close an approximation thereto as may be practicable looking to the present price of food. It is supposed that labour is abundant, and that it is willing to do the usual quantity of work for an amount which will buy an adequate quantity of food to maintain health and strength. Were the project executed without proper supervision there would, it is considered, be considerable risk of failure, and the failure of a large reservoir might do much mischief.

7. With regard to the details of the project, it has to be observed that the cross sections of the channel not having been plotted on the sheet of sections of the ground, it is somewhat doubtful whether the estimate for the channel has been prepared on accurate data. The ground sections were of little value except for the calculation of the channel areas. For the ancient and head sluice a revised design will be needed, many modifications, as noted in pencil on the plan, being requisite.

Aqueducts.—No proper junction of the channel banks with the wing walls as designed would be possible. The wings should be splayed on S curves or other

*Proceedings of the Madras Government, Public Works Department,
6th February 1877. No. 417.*

wise, so that the ends may come in the centre lines of banks, that there may be an overlay of 3 feet at the top level and that the slopes may not interfere with the waterway of the channel on the one side or be too steep on the other.

Tank Bund.—The proper seating of the new earth on the old bund will need much care.

FORT ST. GEORGE,

(Signed)

JOHN MULLINS, Lt.-Colonel, R.E.,

Chief Engineer for Irrigation.

3rd February 1877.

To the Secretary to Government, Public Works Department.

No. 200.

ORDER THEREON, 6th February 1877, No. 417.

IRRIGATION, No. 21 D.

HIS GRACE the Governor in Council does not consider the Badataloo project suited for a famine relief work, either as regards much of the work to be executed or as to the arrangements which would be necessary to afford a reasonable probability of its being carried out successfully.

2. The Notes of the Chief Engineer for Irrigation, after an inspection of several parts of the district in 1874-75, indicate that there is much to be done in the way of repairs to the tanks generally, and it will be well to repair tanks which need it first.

Proceedings, Madras Government, 25th May 1875, No. 1,431.

(True Extract.)

John Mullins

Lieut.-Colonel, R.E.,

Secretary to Government.

To the District Engineer, Salem.

" Chief Engineer for Irrigation.

" Revenue Department.

S. T. Austin.

Spare copies

