

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	143	Press
347-349		Mis.
Dated	18-1-	1873

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

No. 347. Read the following Proceedings of the Board of Revenue, dated 21st October 1872, No. 2,041 :—

Read the following letter from C. T. LONGLEY, Esq., Collector of Salem, to the Secretary to the Board of Revenue, dated 23rd September 1872, No. 248 :—

I HAVE the honour to submit my report on the operations of the Department of Public Works for the past official year 1871-72.

2. The annexed abstract shows the expenditure on new works as well as on repairs during the year contrasted with the preceding one :—

Description of Works.	Expenditure for 1870-71.	Expenditure for 1871-72.	COMPARISON.					
			Increase.			Decrease.		
<i>New Works.</i>	RS. A. P.	RS. A. P.	RS. A. P.			RS. A. P.		
Irrigation	11,378 10 2	3,753 2 8	.....	.....	.....	7,625 7 6	.....	.....
Buildings	10,337 3 9	20,439 2 10	10,101 15 1	.....	.....	.....	.....	.....
Total	21,715 13 11	24,192 5 6	10,101 15 1	7,625 7 6				
<i>Repairs.</i>								
Irrigation	18,396 8 3	34,469 3 3	16,072 11 0	.....	.....	.....	.....	.....
Buildings	4,200 6 4	4,658 2 1	457 11 9	.....	.....	.....	.....	.....
Total	22,596 14 7	39,127 5 4	16,530 6 9	.....	.....	.....	.....	.....
Grand Total	44,312 12 6	63,319 10 10	26,632 5 10	7,625 7 6				

3. *Agricultural.*—Rupees 3,753 were expended on new works and Rupees 34,469 on repairs under this head.

4. The anicut across the Swátha Naddi and the tank at Chinna Kristnápuram are the chief new works under execution during the year. Both are in the Ahtoor taluq; and though it is now several years since these were projected, and though it is now three years since they have been put in hand, they are still reported to be in progress. The works themselves are estimated at Rupees 8,650 and Rupees 8,070, respectively. The expenditure during the year on the former was only Rupees 479 and on the latter Rupees 533. Of the former, which has now been in progress for three years, the Superintending Engineer states that in the opinion of the present Executive Engineer the project requires revision. The rest of the expenditure on new works was simply the re-construction of calingulas and sluices.

5. The expenditure on repairs is certainly large when compared with the previous year, but by no means equal to the requirements of the district. It is a pity to see in every taluq hundreds of Irrigation works requiring repair neglected to the prejudice of the interests alike of Government and the ryots. The repairs were chiefly closing breaches, tanks, and anicuts, and revetting and strengthening the bunds. The chief item under repairs is the closing of a breach in the north bank of the Cauvery at Tiroomalanamasamoodram, and the construction of groins for the protection of the river banks.

6. *Communications.*—The expenditure under this head was confined almost to repairs and the amount is reported to be Rupees 43,554. It was expended on roads known as "Imperial" prior to the introduction of the Local Funds' Act. All roads without exception have now been transferred to the charge of the Local

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

Funds' Board, and their state will form a subject in the Board's Administration Report on funds committed to their charge. I therefore consider it unnecessary to continue to treat this subject in this report.

7. *Buildings.*—Under this head, Rupees 20,439 were expended on new works and Rupees 4,657 on repairs.

8. *New Works.*—Under "Military" 2,007 Rupees are entered, and this was simply an advance for materials for the stabling at the Remount Depot at Oosoor. Under "Civil" the largest expenditure was on the Taluq Cutcheries at Ahtoor and Namakal, which have now been in progress for four years. On the former Rupees 5,497 and on the latter Rupees 3,889 were expended. The Subsidiary Jail and out-houses at Tripatore, which were left in an unfinished state for several years, were completed during the year at a cost of Rupees 1,459. The out-houses in connection with the Deputy-Tahsildar's Cutcherry at Vaniembady cost Rupees 2,339.

9. In the Oosoor Range Rupees 1,620 was expended in completing the Subsidiary Jail at Oosoor, and Rupees 1,320 in improvements to the Subsidiary Jail at Denkenicotta. The former was a new building altogether; and the Sub-Collector states that the jail is "too airy and exposed for this part of the country." The cook-house, he says, is too small and the latrine is in a dangerous state, being built of bad materials. The Denkenicotta Jail, the Sub-Collector states, is double the size required, and is by no means safe as a place of confinement. I have called the attention of the Superintending Engineer to the remarks of the Sub-Collector both in regard to the Oosoor as well as Denkenicotta Jails.

10. *Wants of the District.*—As regards the requirements of the district, I can do no more than ask the earnest attention of the Board and Government to the remarks I have made in my last report. Unless the hands of the department are strengthened and more money placed at their disposal for irrigation repairs, very little more can be expected.

11. *Irrigation.*—Several new projects have been on the tapis for the last five or six years, and as yet they have not reached the stage of being laid before Government for sanction. Only two have been put in hand, and these too, though of a petty nature, have been under progress for the last three years. Besides Badatalab, the Pennagondapuram, the Barur, the Kristnaghiri Reservoir, and the Malapady projects, there are several others in view; but unless the Department of Public Works is enabled to take up the work of examining these projects, there is very little use in bringing them forward.

12. *Buildings.*—The want of accommodation in my Cutcherry is very much felt, and though an estimate for improvements has been sanctioned, no funds have been allotted for the work. As repeatedly mentioned in previous reports, new Cutcheries at Dharampury, Pennagaram, and Womalore are urgently required. The present building at Dharampury is, as stated in the last year's report, tumbling down. At Pennagaram and Womalore small native houses are used for the offices of the Deputy-Tahsildar and Sub-Magistrate. These buildings are quite unsuited for the purposes of a Cutcherry. I trust, now that the financial pressure is removed, steps will be taken to provide funds for these very necessary buildings.

13. A copy of the Sub-Collector's report is enclosed. I would ask the Board's attention to Mr. Price's remarks as to the plan suggested for carrying out

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

less expensive repairs to minor irrigation works, by which a considerable saving to Government would be effected and the available grant would go much further.

ENCLOSURE No. 1.

From J. F. PRICE, Esq., Sub-Collector, to the Collector of Salem, dated Oosoor, 19th July 1872, No. 428.

I HAVE the honour to submit my report on the operation of the Department of Public Works during the official year 1871-72.

2. The annexed abstract statement shows the cost of new works and repairs, as compared with the preceding year. It is to be remarked that the charges under the head of Communications both "new works" and "repairs" are for the first time entirely debitable to Local Funds.

Description of Works	Expenditure for 1870-71.		Expenditure for 1871-72.		DIFFERENCE.			
					Increase.		Decrease.	
	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.
<i>New Works.</i>								
Irrigation	2,284	3 11	970	14 0	...	...	1,313	5 11
Communications	2,370	0 10	128	0 0	...	...	3,242	0 10
Buildings	322	10 10	5,111	11 3	4,789	0 5	...	...
Total...	5,976	15 7	6,210	9 3	233	9 8	...	...
<i>Repairs.</i>								
Irrigation	3,888	15 10	9,779	0 4	5,890	0 6	...	...
Communications	12,703	3 7	22,937	0 2	10,233	12 7	...	...
Buildings	2,569	0 3	1,281	3 2	...	...	1,287	13 1
Total...	19,161	3 8	33,997	3 8	14,836	0 0	...	...
Grand Total...	25,138	3 3	40,207	12 11	15,069	9 8	...	...

Irrigation.—The expenditure upon "new works" under this head amounted to the small sum of Rupees 970-14-0, and the items constituting this total were of so petty a nature as to call for no allusion to them in detail. As in the previous year, they were, for the major part, really nothing more than re-constructions of calingulas and sluices; small as the charges under this head were, they were less than those estimated for, which amounted to Rupees 1,133.

Why there has been a falling off of nearly 50 per cent. in the outlay on this account I am not in a position to say. The reason of it is, as in the case of repairs, certainly not the want of work to do.

Under the head of "Repairs" the charges were Rupees 9,779-0-4, as contrasted with Rupees 3,888-15-10 in the year 1870-71. Though this shows an improvement, it appears to me that a very much larger sum might have been expended with benefit, not only to Government but to its tenants also. I believe, however, that within a few Rupees, the whole of the allotment made for Agricultural repairs in the year under report was expended.

1. Repairing the Marandahulli anicut channel.
2. Do. the bund of Appasandrum tank.
3. Do. the bund of, and constructing calingulah to, Sampagu tank.
4. Do. the bund of Admancottah tank.
5. Do. Naduputti anicut channel.
6. Do. calingulah and sluice of Zoolivooradi tank.

Having in previous reports expressed opinions upon the subject of Irrigation repairs, which I have not yet had any reason to change, I consider it unnecessary to repeat them here. The chief items under the head now being considered are marginally noted.

The repairs of the Marandahulli anicut and channel in the Dharampoo taluq again cost 300 Rupees, and paid 200 per cent. by saving a large annual remission. The charge is therefore not one to which any exception can justly be taken. Not so, however, in the case of the Adman-

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

cottah tank, in the Dharampoory taluq, to the bund of which repairs amounting to Rupees 1,360 have been made, and with regard to which I have remarked in my letters upon the monthly progress reports. I of course speak from a non-professional point of view. The bund itself appeared before it was repaired to be in very good order, quite equal to that of certainly one half of the tanks in the division, and even setting aside another consideration which I am about to bring forward, I do not think that an expenditure of 1,360 Rupees was required. My main objection to this repair is that the tank has no source of supply, and that to the best of my recollection it has only filled during one of the six seasons that I have now been in this district. I consider that until some means of filling the tank are devised, repairing the bund at a cost very nearly equal to two-thirds of the value of the ayacut is throwing away money which might be more advantageously and profitably spent elsewhere.

I do not think that there could be the least danger to the tank in its former state, even if it filled to the sill of the calingulah; but I cannot pretend to pass any more definite opinion on a point on which I can have no other than non-professional ideas. The estimate and plans did not pass through my hands. If they had, I should have raised the present objection, and I did so as soon as I became aware of what was going on.

The repair of the Nadooputti anicut and channel in the Kistnagherry taluq was a necessary work and one which will save revenue and will probably give a small increase of it.

All other repairs were, with very few exceptions, to tank bunds, sluices, and calingulahs, and were requisite.

The Allejalum channel in the Oosoor taluq does not, I may here observe, pay so well as was at first anticipated. I fear that there was something faulty in the original design.

4. **COMMUNICATIONS.**—The expenditure upon new works under this head was only Rs. 128, which was the cost of iron spouts to the new bridge at Bagalore, in the Oosoor taluq. Four new roads were sanctioned in the budget for the year under report, but owing to the late period at which the revised budget came out and to the introduction of the decentralization system and the Local Funds' Act and Rules, the funds allotted could not be placed at the disposal of the Department of Public Works sufficiently before the close of the official year to allow of their being expended in a proper manner. The necessary steps to render these unexpended amounts available during the current year have been taken by the Local Fund Board.

The repairs on communications, carried out by the Department of Public Works, cost Rupees 11,843-9-10, and were confined to what were formerly "Imperial" lines. They were of the usual character.

5. **BUILDINGS.**—The charges under this head during the year 1871-72 were as follows:—

	RS.	A.	P.
"Original Works, Military"	2,006	12	4
"Original Works, Civil"	3,104	14	11
"Repairs, Military"	852	0	0
"Repairs, Civil"	427	3	2

Of the first item, Rupees 2,000 was devoted towards the completion of the new range of stabling at the Remount Depot, and this sum was paid as an advance to the contractor who is still engaged in the work. The remaining Rupees 6-12-4 were spent on removing certain materials Cut connected with the works at the Remount.

The charges under the head of "Original Works, Civil," were incurred in order to complete the Oosoor and Denkenicottah Subsidiary Jails. The former of these buildings is entirely new. I cannot say that I like the plan. I consider the Jail too airy and exposed for this part of the country. The cook-house is too small and the trine is built of such bad materials as to be already in a dangerous state. This is owing to mud having been used in the walls, which were, I think, run up faster than they ought to have been.

The new Jail at Denkenicottah is an adaptation of three-fourths of the old Cutcherry and is about double the size required. I am of opinion that it is not by any means safe as a place of

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

confinement; that the design allows of free intercourse which it is impossible for the Police to prevent between prisoners and their friends outside; and that any man who really wished to escape from it need not remain there for twelve hours of darkness. I have made my remarks on this Jail in my Jail reports and also when it was handed over to this department.

The plans and estimates both for this and the Oosoor Jail did not pass through my hands.

I must say that I think both buildings very expensive.

The Kistnagherry Jail, which I, as a Magistrate, require most, is being completed.

Repairs, Military, consisted of Rupees 852 paid as house-rent to the Military employés at the Remount Depot.

The charges for Civil Repairs were as per margin. The principal item was, as will be

- | | |
|--|---|
| 1. Repairing the roof of the record-room of the Col-
lector's Office. | observed, repairing the roof of the record-room |
| 2. Do. the Mansiff's Court-house at Dharampoory. | of my office in which a beam gave way taking |
| 3. Do. the Taluq Cutcherry at Dharampoory. | with it a good deal of the roof but fortunately |

doing little other damage. The walls of the building are brick and mud and are full of white-ants, which are constantly doing some harm and cannot be got rid of.

6. Of the requirements of the division under the preceding heads I have but little new to say; I have, I believe, in former reports alluded to almost everything that, to my knowledge, is wanted.

7. **IRRIGATION.**—The numerous new projects under this head, which for the last four or five years have been under consideration, still remain unsanctioned. Some have not yet arrived even at that stage at which the revenue officers have to express their opinions as to the profits to be derived from them, whilst others having passed it are still under consideration elsewhere. I had hoped before leaving this district, as I must now very shortly do, to have seen at least one of the projects in which I have felt very much interest commenced; but I fear, as none are entered in the sanctioned budget of the current year, that there is no chance of this.

Mr. Blacker has left the division, and the vacancy thus caused has not been filled up. All the work of examining irrigation projects is, I believe, entirely at a stand-still owing to the want of special assistance. I do not think that anything satisfactory can be done by the Range Officer alone. He has, with his ordinary work, quite enough to do, and cannot give that time and attention which he should to the irrigation schemes now being elaborated. It would, I believe, prove profitable to Government if some officer was specially deputed to clear off all the irrigation projects now pending examination. If any are likely to prove remunerative, the sooner they are put in hand the sooner they will be yielding income, and if any are not, the sooner they are disposed of the less loss of time and money in the shape of the salary of the officer who can only manage to go on with them now and then there will be.

8. Before quitting this portion of my subject, I may notice that in the course of a tour in connection with the census I noticed what I think would be a good site for a tank or anicut across the Palar river in the Dharampoory taluq, a perennial stream taking its rise between Dharampoory and Admancottah having a large catchment basin and flowing through the centre of a long and level valley, which contains Tolur, Perumballi, and other considerable villages. From a rough estimate I take the irrigable area of a tank constructed in this valley at about four by one or one-and-a-half miles. The waters of the Palar now run to waste. I am aware that this project has ever before been brought forward.

9. As regards repairs to existing irrigation works, I have only to repeat that they are required everywhere.

10. I do not myself approve of the system of making all stone and brick-work repairs of the most permanent and expensive character.

11. It is undoubtedly the right one where large and important works which it is desirable to maintain in thoroughly efficient order are concerned; but there are very many small tanks which could be satisfactorily enough patched with rough work—"pitched-stone" I believe it is

called—and put into such condition as to render them paying sources of revenue until such time as the silting process, which, as far as I can see, is much more rapid in its effect in small than in large tanks, renders them useless as works of irrigation. At present a tank of 50 Rupees ayacut requires what we estimate as 23 Rupees worth of stone-work to its calingulah; but when this is sent on to the Department of Public Works, the estimate swells to probably four times as much, and the idea of repairs has to be abandoned. I do not know whether I have made myself clear, but what I mean to advance is that one system as regards the class and character of irrigation repairs should not be adhered to, but that reference should be had to the size, importance, character, condition of the bed, and revenue of every work before it is decided, whether, for instance, a calingulah should be of rough stone without a retaining wall, or be constructed in a more substantial and durable but at the same time more expensive manner.

12. COMMUNICATIONS.—I consider it utterly useless to bring forward any further projects under this head. The three roads alluded to in my report of last year as having been sanctioned have been passed again in the budget of the current year: no work has been done on them, and though year after year I have sent in schemes for other roads, not one has, to the best of my belief, been surveyed or estimated for.

13. I would beg to again draw attention to what seems to me the inexplicable delay of the Department of Public Works in the matter of making the surveys for proposed roads in this division. I more particularly refer to the road from Denkenicottah to Yeruducottah, regarding which I have repeatedly written and spoken. The distance is about six miles; the country perfectly easy, without the shadow of a ghaut; and the road is very much required not only by the ryots but by the Forest Department. An ordinary Surveyor ought to do all that is required in a month. This road has been on the "tapis" for five years and nothing has been done with regard to it.

14. The time at which the Local Fund Budget has to be prepared is now not far distant, and instead of having a dozen new projects to lay before the Local Fund Board I shall not have one.

15. The plans and estimates for the proposed bridge across the Chennar between Oosoor and Malloor have still to be submitted to the Local Fund Board. An allotment, amounting to Rupees 5,000, has been made on this account during the current year, but nothing has, up to date, been heard by me of the estimates. I believe that the cause of delay is that the Department of Public Works has not yet definitely settled what the form of the bridge is to be. I think that it would be advisable that this point should be disposed of at an early date.

16. The bridge across the Malapadi river near Bargoer in the Kistnagherry taluq still remains in the same state as it was last year and the year before. An allotment of the whole amount required to complete it has been made in the budget for the current year, and it is to be hoped that it will be finished by the 31st March 1873.

17. BUILDINGS.—The want of new Catcherries at Dharampoory and Panagaram continues to be felt. I must repeat that I consider the condition of the present Catcherry at Dharampoory dangerous, a view which the Executive Engineer also holds. The plans and estimates for the new building have, I learn, been sent in. I have not seen the budget for Provincial Services for the current year, but I have heard that no allotment on account of the new Catcherry at Panagaram has been made. I need hardly reiterate my repeatedly expressed opinion that this building is most necessary, and that the delay in completing the work of constructing it has caused, and will cause, the loss or deterioration of material which will figure as a considerable item in the ultimate cost of this Catcherry.

18. The completion of the Subsidiary Jail at Kistnagherry will extend the available accommodation in the Catcherry there a little; but it will still be far too small for the requirements of the office.

(True Copy.)

(Signed)

C. T. LONGLEY,

Collector.

SUBMITTED for the information of Government.

2. The operations of the Department of Public Works in Salem although slightly more active than in 1871-72, are still very far from satisfactory.

3. The total expenditure on new works of irrigation was only Rs. 3,753.

4. Only two new works of importance were in hand during the year, viz., the anicut over the Swatha Naddi and the tank at Chinna Kristnapuram; these works, estimated to cost Rupees 8,650 and Rupees 8,070 respectively, have been in hand for three years, are still unfinished, and during the year under report absorbed the first Rupees 479 and the second Rupees 533, and the Superintending Engineer now reports that the anicut project requires revision.

5. The Board respectfully submit that such a state of affairs as is disclosed by the above requires very serious attention and beg to draw the attention of G. O. 3rd November 1871, No. 2,707, P. W. D. Government to their Proceedings on the report from the same district last year.

6. The sum spent in repairs is considerably in excess of that so devoted last year, but is still represented as far below the wants of the district.

7. Some progress has been made towards the completion of the unfinished Cutcherries and Jails throughout the district, but the remarks of the Sub-Collector on the Sub-jails at Oosoor and Denkenikotta are worthy of attention.

8. The chief wants of the district are repairs to existing irrigation works and accommodation for the Government Offices in the taluqs. These wants are urgent, and till they have been supplied the surveys of new projects may well be deferred.

9. The notice of communications should find a place in the Local Fund Report.

No. 348. From the Inspecting Engineer, Civil and Military Buildings, to the Secretary to Government, Public Works Department, dated Madras, 17th December 1872.

In reply to your memorandum of the 16th instant, No. 24, I have the honour to inform you that the Chinnakistnapuram Tank can be completed by the 31st March, but not having any of the papers connected with the work with me, I cannot state whether the balance of the estimate will be sufficient.

2. I inspected the Chinnakistnapuram Tank* on the 2nd and the Vulliamadavy Tank† on the 4th of October,

Included in accompanying draft.

				RS.
* Allotment	...	...	...	1,420
† Do.	...	...	...	5,010

with the Range Officer, to whom I gave instructions verbally on the spot, and afterwards in writing, for the

revision of the estimate, with a view to the works being completed by the end of the year.

No. 349. ORDER THEREON, 18th January 1873, No. 173.

ESTABLISHMENT, No. 24.

COMMUNICATED to the District Engineer, Salem.

2. The grant and expenditure in

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

the Salem District from Imperial and Provincial Funds during the past official year were as follows:—

Heads of Service.	IMPERIAL.		PROVINCIAL.	
	Grant.	Outlay.	Grant.	Outlay.
<i>Original Works.</i>	RS.	RS.	RS.	RS.
Military ...	2,007	2,007	.....	.....
Civil Buildings ...	.....	.....	21,077	19,296
Agricultural ...	6,143	3,756	.....	.....
<i>Repairs.</i>				
Military ...	1,020	1,017	.....	.....
Civil Buildings ...	180	155	3,883	3,848
Agricultural ...	35,000	34,469	.....	.....

3. The above shows that except under the head "Original Works, Agricultural," the grants were well worked up to, and contrasting the figures under "Outlay" in this statement with those appearing against 1870-71 in the abstract appended to the Collector's report, the Government note that, excluding New Works, Irrigation, the expenditure in 1871-72 was considerably in excess of that of the preceding official year.

4. The short outlay on Agricultural Works was, however, most unsatisfactory, and is commended to the attention of the Chief Engineer for Irrigation, with a view to the adoption of measures for the more vigorous prosecution of the few works in hand.

5. G. O., No. 2,456, of 26th September 1871, is the last order on record relating to the Sivatha Nuddy Anicut, and it is time that a final decision should be arrived at regarding that work.

6. On the Chinnakistnapuram Tank* Rupees 4,393 were laid out up to the close of the past official year, and this year Rupees 1,420 have been already allotted, leaving a balance on the sanctioned estimate of Rupees 1,757. The District Engineer will carry out the work to completion during the current official year, applying to Government for an additional grant which will be allotted on the receipt of a report specifying the amount required with reference to instructions which the Range Officer has already received for the revision of the estimates.

7. Adverting to paragraph 5 of the Collector's report, the Government observe that the appropriations under "Repairs Agricultural" are annually made with reference to the total grant sanctioned by the Government of India for that head of service. As pointed out in the review of the Collector's annual report for 1870-71, the allotment for 1871-72 was in excess of the modified assignment for the year immediately preceding by Rupees 10,000. This year the Government have been able still further to augment the funds for expenditure on Agricultural Repairs in the Salem District.

8. The Oosoor and Denkenicottah Subsidiary Jail Works were doubtless carried out in conformity with the recommendations of the Jail Committee. But the District Engineer will ascertain in communication with the Collector, what

*Proceedings of the Madras Government, Public Works Department,
18th January 1873.*

alterations are likely to render the former more suitable for the exposed site it occupies, and the latter more secure; and submit the necessary plans and estimates for carrying them out. He will also cause the latrine to be put into a safe condition at once.

9. Adverting to paragraph 12 the Government note that Rupees 10,000 were allotted in Proceedings of the 25th September last, No. 189, for improvements to the Collector's Cutcherry with instructions to the Superintending Engineer to arrange for the early commencement of the work. Estimates on the standard design

Dharampury. for the new Cutcherry required at the
Pennagaram. station first named in the margin should
Womalore. be submitted, and funds will, if practi-

cable, be provided for all three buildings in the outgoing Budget.

10. The statement in paragraph 3 of the Sub-Collector's report should be taken up by the Chief Engineer for Irrigation. It may well be that Agricultural Repairs are not attended to with proper regard to the selection of the works most requiring attention. But much may be done by free inter-communication on the subject between the local authorities of both departments.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Salem.

- .. Chief Engineer for Irrigation.
- .. Inspecting Engineer for Buildings.
- .. Board of Revenue.
- .. Revenue Department.

Ed. S. T. Austin.

No. . From the Inspecting Engineer, Civil and Military Buildings, to the Secretary to Government, Public Works Department, dated Madras, 17th December 1872.

In reply to your memorandum of the 16th instant, No. 24, I have the honour to inform you that the Chinnakistnapuram Tank can be completed by the 31st March, but not having any of the papers connected with the work with me, I cannot state whether the balance of the estimate will be sufficient.

2. I inspected the Chinnakistnapuram Tank* on the 2nd and the Vulli-

Included in accompanying draft. } amadavy Tank† on the 4th of October, with the Range Officer, to whom I gave instructions verbally on the spot, and afterwards in writing, for the

* Allotment Rs. 1,420
† Do. Rs. 5,010

revision of the estimate, with a view to the works being completed by the end of the year.

No. . ORDER THEREON, 13th January 1873, No. .

ESTABLISHMENT, No. .

COMMUNICATED to the District Engineer, Salem.

2. The grant and expenditure in the Salem District from Imperial and Provincial Funds during the past official year were as follows:—

Heads of Service.	IMPERIAL.		PROVINCIAL.	
	Grant.	Outlay.	Grant.	Outlay.
<i>Original Works.</i>				
Military	Rs. 2,007	Rs. 2,007	Rs.	Rs.
Civil Buildings ... ..	.....	.....	21,077	19,296
Agricultural	6,143	3,756	.....	.....
<i>Repairs.</i>				
Military	1,020	1,017	.....	.....
Civil Buildings	180	155	3,883	3,848
Agricultural	35,000	34,469	.....	.....

3. The above shows that except under the head "Original Works, Agricultural," the grants were well worked up to, and contrasting the figures under "Outlay" in this statement with those appearing against 1870-71 in the abstract appended to the Collector's report, the Government note that, excluding New Works, Irrigation, the expenditure in 1871-72 was considerably in excess of that of the preceding official year.

4. The short outlay on Agricultural Works was, however, most unsatisfactory, and is commended to the attention of the Chief Engineer for Irrigation, with a view to the adoption of measures for the more vigorous prosecution of the few works in hand.

5. G. O., No. 2,456, of 26th September 1871, is the last order on record relating to the Sivatha Nuddy Anicut, and it is time that a final decision should be arrived at regarding that work.

6. On the Chinnakistnapuram Tank* Rupees 4,893 were laid out up to the close of the past official year, and this year Rupees 1,420 have been already allotted, leaving a balance on the sanctioned estimate of Rupees 1,757. The District Engineer will carry out the work to completion during the current official year, applying to Government for an additional grant which will be allotted on the receipt of a report specifying the amount required with reference to instructions which the Range Officer has already received for the revision of the estimates.

7. Adverting to paragraph 5 of the Collector's report, the Government observe that the appropriations under "Repairs Agricultural" are annually made with reference to the total grant sanctioned by the Government of India for that head of service. As pointed out in the review of the Collector's annual report for 1870-71, the allotment for 1871-72 was in excess of the modified assignment for the year immediately preceding by Rupees 10,000. This year the Government have been able still further to augment the funds for expenditure on Agricultural Repairs in the Salem District.

8. The Oosoor and Denkenicottah Subsidiary Jail Works were doubtless carried out in conformity with the recommendations of the Jail Committee. But the District Engineer will ascertain, in communication with the Collector, what alterations are likely to render the former more suitable for the exposed site it occupies, and the latter more secure; and submit the necessary plans and estimates for carrying them out. He will also cause the latrine to be put into a safe condition at once.

9. Adverting to paragraph 12 the Government note that Rupees 10,000 were allotted in Proceedings of the 25th September last, No. 189, for improvements to the Collector's Cutcherry with instructions to the Superintending Engineer to arrange for the early commencement of the work. Estimates on the standard design

Dharampury.
Pennagaram.
Womalore.

for the new Cutcherry required at the station first named in the margin should be submitted, and funds will, if practi-

cable, be provided for all three buildings in the outgoing Budget.

10. The statement in paragraph 3 of the Sub-Collector's report should be taken up by the Chief Engineer for Irrigation. It may well be that Agricultural Repairs are not attended to with proper regard to the selection of the works most requiring attention. But much may be done by free inter-communication on the subject between the local authorities of both departments.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Salem.

- .. Chief Engineer for Irrigation.
- .. Inspecting Engineer for Buildings.
- .. Board of Revenue.
- .. Revenue Department.

Public Works in the Salem District.—
Passing orders on Proceedings of the Board of Revenue on Collector's report on Public Works in the Salem District during 1871-72.

Exd. S. T. Austin.

105
The Secretary to
Government D.P.W.

for

In reply to your memo of the
16th inst No 24, I have the honor
to inform you that the Chinnai
Kistapooram tank can be
completed by the 31st March,
but not having any of the
papers connected with the
work with me, I cannot
state whether the balance
of the estimate will be
sufficient.

I inspect the Chinnai Kista-
pooram tank on the 2nd and
the Villivandavay tank on the
4th of October, with the Range
Officer, to whom I gave in
instructions, verbally, on the spot,
and afterwards, in writing,
for the revision of the estimate,
with a view to the work being
completed by the end of the year.

I have the honor to be,
E.A. Ford Col R.E.
Respecting Engineer

Included in vol.
comparing draft.
This will be
attestments
of the ()
-0 allotment Rs
- do - 5010

Madras
Dec 17th / 72

Feb 24 1888

[illegible]

173
P. M. D. 49
Proceedings of the Madras Court
Read the following
Pr⁵⁰ of the B² of Revenue. (H. E. No. 2041 of 21 Oct 1912)
From the Insp² Engr. for C⁶ Buildings. (H. E. No. — of 17 Dec 1912)

Communicated to
the District Engineer, Salem.

The grant and expenditure in the Salem District from Imperial and Provincial Funds during the past official year were as follows:-

Heads of Service	Imperial		Provincial	
	Grant	Rothay	Grant	Rothay
Princial Works				

Original Works.

Military	2007	2007		
Civil Buildings	"	"		
Agricultural	6143	3756	24077	19,296

Repairs

Military	1020	1017		
Civil Buildings	180	165	3883	3848
Agricultural	35,000	34,469		

The above shows
that except under the head
"Original Works; Agricultural" the grants were well
worked up to, and con-
tracting the figures under
"Outlay" in this state-
ment with those appear-
ing against 1870/71 in the
abstract appended to the
Collector's Report, the
Government note that,
excluding New Works Ir-
rigation, the expenditure
in 1871/72 was considerably
in excess of that of the
preceding official year.

The short outlay on
Agricultural Works was,
however, most unsatis-
factory and is com-
mended to the attention

of the Chief Engineer for Irriga-
tion, with a view to the
adoption of measures for
the more vigorous prosecu-
tion of the few works
in hand.

G. O. No. 2456 of 26 Sep. 71
is the last order in record
relating to the Sivatha
Muddy Ancient, and it is
time that a final deci-
sion should be arrived
at regarding that work.

On the Chinnakistua-
pura Bank Rs. 4893
were laid out up to the
close of the past official
year, and this year
Rs. 1420 have been already
allotted, leaving a balance
on the sanctioned estimate
of Rs. 1707. The District

* Estimate Rs. 8070 sanctioned
in G. O. No. 3015 of 1888.

Engineers will carry out the work to completion during the current fiscal year, applying to Government for an additional grant which will be allotted on the receipt of a report specifying the amount required with reference to instructions which the Range Officer has already received for the revision of the estimates.

Adverting to paragraph 5 of the Collector's report the Government observe that the appropriations under "Repairs, Agricultural" are annually made with reference to the total grant sanctioned by the Govt. of India

for that head of service. As pointed out in the review of the Collector's Annual Report for 1870/71 the allotment for 1871/72 was in excess of the modified

The Osseon & Dmbeaistah assignment for the year Subsidiary Jail Works were doubtless carried out in conformity with the recommendations of the Jail Committee. But the District Magistrate will ascertain, in communication with the Collector, what alterations to augment the funds are likely to render the former more suitable for the proposed site it occupies, and the latter more secure; and submit the necessary plans & estimates for carrying them out. He will also cause the Latrine to be put into a safe condition at once.

The remarks in paragraph 9 of the Collector's letter will receive in the Indirect Department such consideration as

are not attended to with
proper regard to the
selection of the marks
most requiring attention.
But much may be done
by free intercommuni-
cation on the subject
between the local
authorities of both
Departments.

YMW

Dist. Ingr. Salem ✓
Chief Ingr for Migration ✓
Inspecting Ingr. for Railways ✓
Board of Rev. ✓
Rev. Dept. ✓

5255 P 288
Govt. of 1872 Madras.

PUBLIC WORKS.

To the District Aug.
Salem

Encl.

18 Aug. 1872. No. 173.

349

The
Distt. Paping
as on No. of the
order on Collector's
at on Public Works
Salem & Co.