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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

8WD DEPARTMENT

G.O. No. / B.P. No.	1556 & 1557	Press. / Mis.

Dated 20. 6. 1884. 197 .

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18

1556/1557

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General. Account.

READ—the following papers :—

G.O., dated 27th November 1883, No. 3388 W., Public Works.

Read—the following letter from Major A. G. BEGBIE, R.E., Officiating Under Secretary to the Government of India, Public Works Department (Account —General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 15th November 1883, No. 329 A.G. :—

It is observed that much of the outlay incurred upon a petty construction and repairs of salt buildings is charged under the head Salt, instead of under the head Other Public Works. Thus, for the year 1881-82, the following outlay is shown as incurred on account of salt buildings under the two heads of account :—

	Public Works.	Salt.
	RS.	RS.
Madras	3,410	1,16,490
Bombay	49,520	...
	&c., &c., &c.	

It is observed also that, in the fourth edition of the code, no rules are laid down for the procedure in regard to the construction and repair of salt buildings.

2. With a view of placing the matter on a proper footing, I am directed to request that the procedure at present in force in Madras may be fully explained, and that the local Government will make such recommendations on the matter as may appear desirable.

Order—dated 27th November 1883, No. 3388 W., Public Works.

The Commissioner of Salt Revenue will be called on, in the Revenue Department, for such remarks and suggestions as he may have to offer on the subject.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Government, P.W.D.

G.O., dated 6th March 1884, No. 1044, Revenue.

Read—the following Proceedings of the Board of Revenue, dated 2nd February 1884, No. 354 :—

Read—the following letter from H. W. BLISS, Esq., Commissioner of Salt Revenue, to the Secretary to the Board of Revenue, dated 21st January 1884, No. 464 :—

I have the honor to forward the report called for in G.O., Revenue Department, dated 3rd December 1883, No. 4834 (copy enclosed), as to the procedure in regard to the departmental construction and repair of salt works.

2. The basis of our system is a strict rule that no expenditure shall take place on works without (1) budget provision, (2) specific sanction.

3. Original proposals for the inclusion of ordinary works in the budget generally come from the Assistant Commissioners. In framing their divisional budgets, from which the budget submitted by me is framed, they have to provide, in the case of new works, the individual sums actually required, and, in the case of repairs, lump grants

for each class of works, such as irrigation channels, roads, fences, &c. From these lump grants, allotments are subsequently made as estimates are received for the repairs which are found necessary as the year proceeds. No new work estimated to cost more than Rs. 500 is, however, allowed to be entered in the budget until the plan and estimate have been approved by me.

4. The preparation of estimates is the duty of the officers in charge of circles, by whom they are submitted to the Assistant Commissioners for approval and for submission for sanction through the proper channel. Estimates are required to be prepared in proper forms similar to those in use in the Public Works Department, and to be accompanied by proper specifications, and, where necessary, to make them clear, by plans and sections drawn to scale. With the estimates, statements have also to be submitted showing, in the case of channels or of other works for manufacture or storage, the quantity of salt capable of being made or stored by means of the work in an average year; and in the case of these and of all other repairs, except those of a very petty nature, the date of construction of the work, its cost, and the date, cost, and the nature of the last repair.

5. The dates in each year fixed for the submission of estimates are as follow:—

For all new works	Before 15th May.
For all ordinary repairs to permanent buildings	" 1st October.
For repair to temporary buildings, such as temporary peons' lines, guard sheds in the pans, and the like, which depend on the quantity of salt to be made in the following year, and for all repairs to irrigation channels, bandakats and other works required for manufacture—	
In the Chicacole Division	" 1st December.
In the Masulipatam Division	" 15th "
In all other divisions	" 15th January.

Estimates for repairs necessitated by extraordinary falls of rain, floods, &c., may of course be submitted at any time.

6. The power of sanctioning estimates is vested in different officers, according to their amount and nature, as under:—

Deputy Commissioners	New works entered in the budget up to a limit of Rs. 250.
Do.	Repairs entered in the budget up to a limit of Rs. 500.
Commissioner	New works and repairs entered in the budget up to a limit of Rs. 2,000.
Do.	Allotments for unforeseen works from savings in the budget up to a limit of Rs. 500 in each case and an aggregate of Rs. 10,000 in the year.
Do.	Re-allotments for incomplete works from savings in the budget as required.
Revenue Board	New works entered in the budget costing more than Rs. 2,000 and not more than Rs. 5,000.
Do.	All repairs entered in the budget and costing more than Rs. 2,000.
Do.	Allotments from savings for unforeseen works up to Rs. 5,000 in each case.
Government	All other works.

7. In order to the maintenance of proper accounts in this office, Deputy Commissioners are required to report monthly what estimates they have sanctioned. From their reports and from other sources divisionwar registers of estimates sanctioned and itemwar registers of appropriations are maintained in this office, so that the exact sum available for expenditure on any object in every division can at any moment be ascertained.

8. No work is permitted to be commenced without the previous sanction of an estimate in proper form, except such emergent works as are necessary to prevent damage to works, or loss of revenue or of stocks of salt. The plea of emergency is only allowed in case of the occurrence of storms at unusual periods, or of other circumstances which a prudent and painstaking officer could not have foreseen. In all such

cases, the fact of the commencement of the work and an explanation of the necessity for it have to be reported forthwith for my information, to be followed as speedily as possible by regular estimates for orders.

9. The execution of works is entrusted to the officers in charge of circles. Works are carried out either by daily labor or by contract, according to circumstances, at the discretion of circle officers, subject to superior control. Departmental labor is freely employed, where available, for the sake of economy, on such works as peons' lines, fencing, earthwork, thatching, whitewashing, and others of a similar nature not requiring skilled labor. In the case of works under execution on contract, no payments are made without measurement, nor without a deduction of 15 per cent. of the whole value of work done up to date, to be adjusted after completion and inspection by the Assistant Commissioner, who is held responsible for the execution of works in accordance with estimates. All his proceedings are subject to supervision by the Deputy Commissioners, who are required to inspect all works during execution, as far as the size of their charges makes it possible for them to do so. Officers in charge of circles are responsible for the works they carry out, but only for actual execution and as the Assistant Commissioner's Agents, and without affecting his responsibility for the suitability of the design and of the materials specified in the estimate to be employed.

10. A completion certificate is required for each work, however insignificant, under the signature of the Assistant Commissioner of the division; and to enable him to furnish this, he is required to inspect all works during their progress and from time to time to check measurements. Officers in charge of circles are required to take all measurements personally and to record them in a bound register. Assistant Commissioners are required to personally check not less than one-fourth of the entries in the measurement book in a light division and not less than one-eighth of the entries in a heavy division. If discrepancies are disclosed by this check and suspicion aroused, they are required to verify the whole of the measurements.

11. The funds required for carrying out works are drawn by officers in charge of circles on cheques issued by Assistant Commissioners on the departmental treasuries and are accounted for by monthly contingent bills in a special form prescribed for the purpose in communication with the Accountant-General, who audits this as well as all other kinds of departmental expenditure. The orders on this subject allow of only so much money being drawn at a time as can be spent within the month so as to prevent the accumulation of unadjusted outstanding balances. These amounted to about a lakh and a half of rupees in 1878, when the department was constituted a separate one, but to Rs. 4,795 only at the end of last month. All sanctions of allotments of funds lapse with the official year, at the close of which all unexpended funds are refunded into the treasury. Allotments of maintenance grants are not renewed, but lapse absolutely at the close of the year. To incomplete works, other than mere maintenance repairs, for which no budget provision exists, re-allotments are made from general savings, under my orders, so that they may be completed.

12. The works carried out by the department are generally of such a nature as do not require the employment of skilled labor or professional supervision as will be seen from the following list:—

Excavating and clearing channels; constructing and repairing branch roads, fences, earthen platforms and drying-grounds, patrol paths, offices, quarters for officers and men, &c.

13. The buildings undertaken are always small and unimportant, and are usually thatched. The Public Works Department would be called on to undertake any work not answering to this description.

14. To ensure the accurate preparation of estimates and the efficient execution of works, the superior officers of the department are required, by recent orders of Government, to pass examinations in surveying, levelling and mensuration and in the preparation of plans and estimates.

15. The present system of carrying out works leaves, in my opinion, nothing to be desired. It saves delay and is very economical as it allows of departmental labor

being utilized to the fullest possible extent—in many cases for the complete execution of such works as the erection and repair of fences, peons' lines, &c.—which would of course be out of the question if the works were carried out otherwise than departmentally.

16. The advice of the Public Works Department is, however, always sought in cases of difficulty. It was formerly the rule that the Superintending Engineer should countersign all estimates for sums exceeding Rs. 500; but this requirement has, under recent orders (G.O., dated 8th February 1883, No. 177,) been dispensed with, as, in the majority of instances, Superintending Engineers could not undertake the actual inspection of works and their countersignatures were therefore purely formal and meant nothing more than that the rates charged were suitable.

17. From the date of an estimate being sanctioned until the work is completed and the funds drawn fully and properly accounted for, its progress is periodically reported upon in monthly progress reports submitted by the Assistant Commissioners to the Deputy Commissioners and reviewed both by those officers and, where necessary, in my office also.

18. In the foregoing account I have confined myself to a general statement of the procedure observed in regard to works. If required, I can furnish copies of the forms in use and of the detailed instructions in force on different subjects.

19. As the system has been found to work well, and in view of the extension of the excise system under which most of the works will in future be carried out by the licensees, no serious modifications appear to me necessary. I may, however, mention that I have now in hand the consolidation of all the orders on the subject into a single circular order, in the preparation of which I shall enter into greater detail as to the forms to be used and as to the precautions to be observed than has hitherto, from want of time, been possible.

20. In the meantime I trust that the Government of India will be satisfied that the system is such as to secure both the efficient and the economical conduct of the works and the prompt accounting for expenditure.

Enclosure No. 1.

Proceedings of the Madras Government, Revenue Department, dated 3rd December 1883, No. 4834.

Read—the following Proceedings, Public Works Department, dated 27th November 1883, No. 3388 W., on letter from the Government of India, Public Works Department, No. 329 A.G., dated 15th idem:—

It is observed that much of the outlay incurred upon a petty construction and repairs of salt buildings is charged under the head Salt, instead of under the head Other Public Works. Thus, for the year 1881-82, the following outlay is shown as incurred on account of salt buildings under the two heads of account:—

	Public Works.	Salt.
	Rs.	Rs.
Madras...	3,410	
Bombay ... ... &c.,	49,520	1,16,490
	&c.	...

It is observed also that, in the fourth edition of the code, no rules are laid down for the procedure in regard to the construction and repair of salt buildings.

2. With a view of placing the matter on a proper footing, I am directed to request that the procedure at present in force in Madras may be fully explained, and that the local Government will make such recommendations on the matter as may appear desirable.

The Commissioner of Salt Revenue will be called on, in the Revenue Department, for such remarks and suggestions as he may have to offer on the subject.

Order—dated 3rd December 1883, No. 4834, Revenue.

Forwarded to the Commissioner of Salt Revenue, for report through the Board of Revenue.

(True Extract.)

To the Commissioner of Salt Revenue. (Signed) E. S. LAFFAN, Ag. Under Secy. to Govt.

1556/1557

Resolution—dated 2nd February 1884, No. 354.

Submitted to Government, with reference to the Government Order quoted by the Commissioner.

2. The Board agree with the Commissioner that the present system works well and does not need any modification.

(True Copies and Extract.)

(Signed) E. GIBSON, Secretary.

Order—dated 6th March 1884, No. 1044, Revenue.

Transferred to the Public Works Department, with reference to that department G.O., No. 3388 W., dated 27th November 1883.

2. The Government, in the Revenue Department, agree with the Board and the Commissioner of Salt Revenue that the present system needs no modification.

(True Extract.)

(Signed) H. E. STOKES, Secretary to Government.

From H. F. CLOGSTOUN, Esq., Accountant-General to the Government of Madras, to the Secretary to Government, Public Works Department, dated Fort St. George, 30th April 1884, No. 24 I.A.C.M.

With reference to your memorandum, No. 734 C., dated the 25th March 1884, I have the honor to forward copies of statements showing expenditure on public works by the direct agency of the Salt department for the years 1881-82 and 1882-83, with budget figures for 1883-84 and 1884-85 received from the Commissioner of Salt Revenue.

Enclosure to No. 1.

Memorandum showing the Original Works costing Rs. 1,000 and over, executed under the supervision of the Salt Department in 1881-82.

Districts.	Work.	Amount spent.	Total.
		Rs. A. P.	Rs. A. P.
Ganjam ...	Fencing the pans at Calingapatam ...	1,038 14 8	1,038 14 8
Vizagapatam ...	Excavating channels to extension works at Karassa	3,544 7 0	
...	Protective bunds at Karassa	2,119 9 11	5,664 0 11
Kistna ...	Road between Chinna Ganjam and Kodavakudum	1,800 0 0	1,800 0 0
Chingleput ...	Constructing boundary hedge and preparing patrolling path at Attipet ...	1,570 0 0	
...	Constructing a bungalow at Madras Depôt	2,890 15 3	
...	Constructing flood-bank on the western side of Pulidiwak and Thillai pans ...	1,310 12 0	
...	Constructing a flood-bank on the northern side, Vayalúr	2,562 3 0	8,333 14 3
	Total ...	...	16,836 13 10

(Signed) P. RAMACHENDRA ROW, Ag. Personal Asst., *for* Comr. of Salt Revenue.

3

No. 1.

Statement showing the Expenditure on Works executed under the direct supervision of the Salt Department in 1881-82.

Districts.	Original Works.			Repairs.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Ganjam ...	2,947	7	1	6,415	5	5	9,362	12	6
Vizagapatam ...	7,124	5	7	4,351	3	3	11,475	8	10
Godávari ...	1,314	13	5	2,745	10	1	4,060	7	6
Kistna ...	4,006	2	5	1,957	1	4	5,963	3	9
Nellore ...	5,386	11	11	2,173	11	9	7,560	7	8
Chingleput ...	22,280	14	2	26,065	6	4	48,346	4	6
South Arcot ...	1,645	7	2	5,093	4	9	6,738	11	11
Tanjore ...	1,413	0	3	9,731	2	9	11,144	3	0
Madura ...	1,511	6	2	1,055	13	5	2,567	3	7
Tinnevelly ...	1,263	2	0	4,359	7	2	5,622	9	2
South Canara ...	82	11	3	1,321	1	11	1,403	13	2
Malabar ...	...			416	4	2	416	4	2
Central Office ...	30	0	0	...			30	0	0
Deputy Commissioner, Northern Division.	1,800	0	0	...			1,800	0	0
Total ...	50,806	1	5	65,685	8	4	1,16,491	9	9

(Signed) P. RAMACHENDRA ROW,
Ag. Personal Asst., *for* Comr. of Salt Revenue.

ENCLOSURE TO No. 2.

Memorandum showing the Original Works costing Rs. 1,000 and over, executed under the supervision of the Salt Department in 1882-83.

Districts and Divisions.	Work.	Amount spent.			Total.		
		RS.	A.	P.	RS.	A.	P.
Chicacole Division.	Protective bund at Balucheruvu ...	1,246	14	4			
	Constructing Inspector's quarters at Ganjam factory ...	1,450	0	0			
	Do. do. Calingapatam ...	1,302	3	2			
	Do. do. Surla ...	1,088	13	3			
	Do. Inspector's and Assistant Inspector's quarters at Konda ...	2,646	0	0			
	Excavating channels for Karassa extension	1,587	2	9	9,321	1	6
Nellore District	Making a branch road from Alluru road to Iskapalle platform	2,800	10	7	2,800	10	7
Chingleput Division.	Constructing flood-bank on the next side of Pulidiwak	2,169	11	3			
	Do. on the north-west pans at Vayalur	2,813	11	9			
	Do. retaining walls at Madras Depôt.	1,886	12	10	6,870	3	10
Tinnevelly Division.	Compensation for land taken up for salt works at Levingepuram	1,032	6	0			
	Extending Platform No. I at Vattanam	1,030	0	0	2,062	6	0
	Total ...	...			21,054	5	11

(Signed) P. RAMACHENDRA ROW,
Ag. Personal Asst., *for* Comr. of Salt Revenue.

No. 2.

Statement showing the Expenditure on Works executed under the direct supervision of the Salt Department in 1882-83.

Districts and Divisions.	Original Works.			Repairs.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Chicacole Division ...	25,757	7	5	11,329	4	11	37,086	12	4
Godávari District ...	5,239	9	5	1,919	11	8	7,159	5	1
Kistna	4,684	14	8	1,513	6	1	6,198	4	9
Nellore	7,261	10	3	3,959	8	4	11,221	2	7
Chingleput Division ...	15,496	13	9	25,751	11	6	41,248	9	3
Negapatam	5,831	11	5	7,950	10	4	13,782	5	9
Tinnevelly	9,992	9	2	5,977	2	9	15,969	11	11
Central	4,553	14	0	1,844	15	1	6,398	13	1
Central Office	154	0	0	...			154	0	0
Total ...	78,972	10	1	60,246	6	8	1,39,219	0	9

(Signed) P. RAMACHENDRA ROW,
Ag. Personal Asst., *for* Comr. of Salt Revenue.

ENCLOSURE TO No. 3.

Memorandum showing the Original Works, each costing Rs. 1,000 and over, included in the Budget Figures for 1883-84.

Divisions.	Work.	Amount.	Total.
		RS.	RS.
Negapatam ...	Fencing the pans and sectioning the spoil bank of the boat channel at Cheyúr	1,200	
	Fencing Vedarniem great swamp	3,000	
	Forming drying grounds at Merkanam	1,300	
	Do. do. at Negapatam	2,000	
	Completing the Uppalavadi Project at Gundalam ...	10,000	
	Extending the Negapatam Factory	5,000	22,500
Commissioner...	Quarters for Inspectors and Assistant Inspectors at factories	* 50,000	50,000
	Total .	...	72,500

* The cost of each will be over Rs. 1,000.

(Signed) P. RAMACHENDRA ROW,
Ag. Personal Asst., *for* Comr. of Salt Revenue.

No. 3.

Statement showing the Budget Figures on account of Expenditure on Works by the Salt Department for 1883-84.

Divisions.	Original Works.	Repairs.	Total.
	RS.	RS.	RS.
Chicacole	700	19,630	20,330
Masulipatam	1,100	7,250	8,350
Nellore	1,600	7,700	9,300
Chingleput	1,060	23,700	24,760
Negapatam	32,420	18,353	50,773
Tinnevelly	6,280	7,095	13,175
Central Division	...	2,812	2,812
Commissioner	55,000	..	55,000
Total ...	97,960	86,540	1,84,500

(Signed) P. RAMACHENDRA ROW,
Ag. Personal Asst., *for* Comr. of Salt Revenue.

ENCLOSURE TO No. 4

Memorandum showing the Original Works, each costing Rs. 1,000 and over included in the Budget Figures for 1884-85.

Divisions.	Work.	Amount.	Total.
		Rs.	Rs.
Chicacole ...	Metalling the Calingapatam cross road	3,000	
	Extending Karassa pans	20,000	23,000
Masulipatam ...	Constructing drying grounds	2,080	2,080
Nellore	Excavating a boat channel to the Romperu	2,000	2,000
Chingleput ...	Filling in a channel to extend platform at Madras Depôt	7,000	
	Construction of officers' quarters at Covelong	5,000	12,000
Negapatam ...	Fencing the great swamp at Vedarniem	2,000	
	Completing the Uppalavadi Project at Cuddalore ..	10,000	
	Fencing the factory, including gates at Kattunavadi .	1,100	13,100
Tinnevelly			1,000
Commissioner ...	Fencing pans, &c., at Vairavanathapatnam	1,000	30,000
	Erection of quarters for officers at certain factories ...	* 30,000	
	Total ...	...	83,180

* The probable expenditure on each will be over Rs. 1,000.

(Signed) P. RAMACHENDRA ROW,
Ag. Personal Asst, *for* Comr. of Salt Revenue.

No. 4.

Statement showing the Budget Figures on account of Expenditure on Works by the Salt Department for 1884-85.

Divisions.	Original Works.	Repairs.	Total.
	Rs.	Rs.	Rs.
Chicacole	25,410	18,800	44,210
Masulipatam	3,030	6,300	9,330
Nellore	8,100	4,500	12,600
Chingleput	18,020	20,550	38,570
Negapatam	18,050	12,105	30,155
Tinnevelly	3,880	5,405	9,285
Central Division	...	3,850	3,850
Commissioner	35,000	...	35,000
Total ...	1,11,490	71,510	1,83,000

(Signed) P. RAMACHENDRA ROW,
Ag. Personal Asst., *for* Comr. of Salt Revenue.

From W. A. WILLOCK, Esq., Acting Commissioner of Salt Revenue, to the Secretary to Government, Public Works Department, dated Vanur, 9th June 1884, No. 4323.

In reply to your memorandum, No. 187 E., dated May 27th, 1884, I have the honor to append a statement showing the orders of Government under which the power of sanction to public works is exercised by the officers referred to in paragraph 6 of Mr. Bliss' letter printed with the Board's Proceedings, No. 354, dated 2nd February 1884.

1556/1557

Deputy Commissioners.

New works entered in the budget up to a limit of Rs. 250 Repairs do. do. „ 250	Government order, dated 5th August 1881, No. 1142.

Commissioner.

New works and repairs entered in the budget up to a limit of ... ... Rs. 2,000 Re-allotments for incomplete works from savings in the budget.	Government order, dated 12th September 1878, No. 1488, Revenue.
Allotments for unforeseen works from savings in the budget up to a limit of Rs. 500 in each case, and an aggregate of Rs. 10,000 in the year.	Government orders, dated 31st March 1881, No. 551, and 17th December 1881, No. 1947, Revenue.

Revenue Board.

New works entered in the budget costing more than Rs. 2,000 and costing not more than Rs. 5,000.	Government order, dated 25th May 1869, No. 1472, Revenue.
	and
All repairs entered in the budget costing more than .. .. Rs. 2,000	Government order, dated 5th December 1874, No. 1501, Revenue.
Allotments from savings for unforeseen works up to Rs. 5,000 in each case.	Government order, dated 4th November 1880, No. 1449, Revenue.

Government.

All other works. ... ... Do.	do.

ORDER—dated 20th June 1884, No. 1556 W., Public Works.

Ordered that the Government of India be addressed.

(Here enter No. 1557 W., dated 20th June 1884.)

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Revenue Department.

Exd. E. L. Pereira.
Spare Copies

5

GENERAL.
ACCOUNT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated June, 20th.

Recd. *Encl.*

G.O., 20th June 1884, No. 1556 W.

JUNE.

Salt Works

Ordered that the Government of India be addressed with regard to their call for full explanation of the procedure now in force relating to the construction and repair of — with recommendations of the local Government on the subject.

1556/1557

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

I am directed to acknowledge the receipt of your letter, No. 329 A.G., dated 15th November 1883, requesting that the procedure at present in force in Madras with respect to the construction and repair of salt buildings may be fully explained, and that the local Government will make such recommendations on the matter as may appear desirable.

2. In reply, I am to forward a copy of the Proceedings of this Government, No. 1556 W., dated 20th June 1884, in which is recorded a letter from the Commissioner of Salt Revenue, No. 464, dated 21st January 1884, fully explaining the procedure adverted to, and in which also will be found statements showing the total cost of works executed by the direct agency of the Salt department, and the number and description of such works, costing Rs. 1,000 and over, for the four years from 1881-82 to 1884-85.

3. It will be seen from those papers that works connected with the Salt department are generally of such a nature as do not require the employment of skilled labor or professional supervision. I am, however, to state that the agency of the Public Works Department is always available for works of a higher class, as in the case of the head sluice across the Merkanam brine supply channel in the South Arcot district, and opening and maintaining the Ennore and Covelong bars, and also that the advice and assistance of this department are called in when necessary.

4. It will also be seen that financial regularity is strictly observed in the execution of works by the Salt department, and that the powers of sanction vested in the different officers are as follow :—

Commissioner	New works and repairs entered in the budget, up to a limit of Rs. 2,000.
Do.	Allotments for unforeseen works from savings in the budget, up to a limit of Rs. 500 in each case, and an aggregate of Rs. 10,000 in the year.
Do.	Re-allotments for incomplete works from savings in the budget, as required.
Revenue Board	New works entered in the budget costing more than Rs. 2,000, and not more than Rs. 5,000.
Do.	All repairs entered in the budget and costing more than Rs. 2,000.
Do.	Allotments from savings for unforeseen works up to Rs. 5,000 in each case.
Government	All other works.

6

5. I am to state that, in view of stances as above stated, His Excellency the Governor in Council sees no reas b the procedure now in force, which works satisfactorily; more especially herous and generally insignificant salt buildings and works are situated in l tside the general range of the limited and already more than fully employe Works staff.

6. His Excellency the Governor is aware that the present procedure in respect to the budgetting for, and th n of, salt works differs from that laid down for guidance by the rules of ic Works Code; but, for the reasons advanced above, he would recommen val by the Government of India, the sections of the code which deal with t being amended so as to bring them into harmony with existing practice.

7. I am to add that your lette knowledgment refers to salt *buildings* only, whereas the outlay is by no fined to buildings proper, which are for the most part small and insign t deals also with the excavation and clearance of channels, construction of branch roads and fences, formation of earthen platforms, drying grounds hs, &c. Few, however, of these works exceed individually Rs. 1,000, the works over that amount in 1881-82 having been only Rs. 16,836 out of enditure of Rs. 1,16,492.

the honor to be,

Sir,

r most obedient servant,

Major, R.E.,
Under Secy. to Govt., P.W.D.

FORT ST. GEORGE,
20th June 1884.

Exd. P. L. Pereira.
Spare Copies

15-6/1557

27-21.13.11
2-225-82

Original

GENERAL.
ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated June, 20th.

Read. Encl.

1556. 4

20th June 1884, No. 1557 W.

JUNE.

Salt Works

Explaining to the Government of India the procedure now in force relating to the construction and repair of —, and recommending that the sections of the Public Works Code relating to the subject may be amended in accordance with the present practice.

No. 2158.

8/1556/1557.

The procedure and powers of sanction assumed in the above letter are not recognised by the S. W. Code. Vide paras 1567-1574. In replying to the S. of S. it will apparently be necessary to explain the departure from Code practice and to offer an opinion as to the expediency of enacting amendments. The Revenue Dept have already expressed an opinion - but the question is more a Public Works than a Revenue one.

K.S
10.3.84.

Is not provision for these works - with few exceptions - made in the Civil Estimates & not in P. W. D.?

CG
15-3-84

J. D.W

Provision is so made, as a rule, but it is the propriety of the arrangement which the

37445

27-21.B.11
2-225-B

Govt of India now question.

15-3-84

C.A.W.

Can you tell me how the present practice came to obtain? The Code rules apply to the Salt as to other Depts — how & why were these departed from and a system not recognised by Code established?

I see no reason myself why the rules do not apply to orders for Revenue, Judicial, Marine, & other branches shd not apply to Salt Dept — where these would if ever continue to carry out and work as are specified in the Min's paras 12 & 13.

18/3/84

To S.W.

There is no objection to officers of the Salt Dept. Carrying out works classed as "Petty Construction & Repair" in the same way as other Civil officers, or even other works which for special reasons it would be inconvenient for the P.W. Dept. to supervise. But the systematic execution of Public Works which is covered by para 6 of the Commissioners Letter has not, so far as I know been to account,

Sanctioned by the S.W. Dept.

9
1579/57

From the papers in the file it would seem that the existing practice in the Salt Dept. arose in the first instance in consequence of the inability of the reduced S.W. Establishments to take up Salt works in isolated places. The Expansion of the Salt Dept. which followed soon after led that Dept. to assume Public Works duties which do not strictly appertain to them. They have thus organised a branch P.W. Dept. of their own, outside the regular Public Works Dept.

It is this circumstance which seems to have attracted the notice of the Govt of India. There is nothing analogous to it in Bombay.

19.3.84.

37445

27-24.13.11
2-225-82

37/

10
15/10/157

C.A.G.

The matter seems to me not an easy one to solve satisfactorily now that a regular & recognised system has taken root & grown up. Would it not be well, upon proceeding further, to procure particulars of how & when the expenditure of Rs. 116490 on Salt Buildings & works in 1881-82 was incurred? Same for 82-83, and that anticipated for 83-84, as well as that estimated for 84-85. We would then be in a better position to propose modifications of existing systems, to bring same into harmony with our Code rules & systems obtaining in other branches. — CJ
20-3-84

To

D.W.

This information would I think enable a good opinion to be formed as to future procedure. All original works costing Rs 1000 and over should be specified in detail. The Accountant Genl. would no doubt be in a position to furnish particulars

Please ask A.S. & Secretariat Dept. CJ 20.3.84

A.S. 20.3.84

20.3.84

37145

27-24.13.11
2-2-25-50

3745

To Dir

11
1556/157

In compliance with Memo. No 7341 C 97 25.3.82, the Accountant General submits lists of Salt works carried on by the Salt Dept. in 1881-82 & 1882-83, with budget figures for 1883-84 & 1884-85.

The expenditure for the four years incurred & proposed is as under—

1881-82 — Rs 1,16,492.
1882-83 — " 1,39,219.
1883-84 — " 1,84,500.
1884-85 — " 1,83,000.

On this subject please see the note & letter alluded to in the memo above quoted.

The Govt. of India request that the procedure at present in force in Madras may be fully

10-5-84

explained & that the Local Govt will make such recommendations as may appear desirable.

The Board of Rev. & the Govt. in the Rev. Dept, consider that the present system needs no modification.

The majority of the works mentioned appear to lie in out of the way localities, where, no doubt, it would have been inconvenient for the P. W. D. to carry them out.

The fact remains however, that the Salt Commr & the Board of Rev. have, with respect to these works, powers of sanction not recognised by the P. W. Code.

For orders.

G. S. 24

S. A. W. 12/1556/1557

Draft (for consideration of W) letter to S. of S. to the effect that works connected with the Salt Department being generally of such a nature as do not require the employment of skilled labour or professional supervision are carried out by that Department. The agency of the P.W.D. Dept is however, always available for works of a higher class — as in the case of the Ennikamm brine channel (?) and (?) — and their advice and assistance can called in when necessary.

Then fix the powers vested in different officers in regard to sanctions, intimates, as quoted in para 6 of the Board's Rev. of 2 Feb. 84.

Lastly state that the Govt see no reason to disturb this procedure which works satisfactorily, more especially as the numerous & variable insignificant works Salt buildings and works are situated in localities outside the general range of the limited & already more than fully employed P.W.D. staff.

It may also be stated that S. of S. in their letter N. 1560 to Salt buildings only, whereas the outlay is by no means confined to buildings proper which are always small & insignificant, but deals with the excavation & clearing of channels, contracting & repairing of branch roads & fences, & protection of earthen platforms, draining ponds, & petrol paths. Few, however, of these

JA

sed letter, you will observe

individually
works exceed Rs 1000, the total
outlay on works on that figure
in 81-82 being but Rs. 16,836 and
a total expenditure of Rs. 1,16,492.

CE
8-5-84

DW

Draft submitted
for approval.

The only two last
works carried out by
the P.W.D. in recent
years, are the head
sluice to Mercenna
brine supply channel,
& the opening & maintenance
of the Ennur & Cuvelong
bars.

CE
9.5.84

I think a note for orders
should be drawn up. &
sent to the Hon: Member
— suggesting that the
Rules in P. W. Code should
be carried out. both
as regards powers of
sanction & budget
provision.

The draft letter to Indian
Tr. should be kept
back until orders are
passed on these points.

1556/1557. W.
13-5-84

30.

sed letter, you will observe

No. 2176 D.

GOVT. OF MADRAS. } 188 4. { P. W. DEPT.

SECRETARY.

Chepâk, 10th May 1884.

OFFICE NOTE.

1556/1557

To W.

I have had prepared for your consideration the accompanying draft proposed as a reply to Govt. of India letter No. 329 A.C. of 15th. November 1883 on the subject of procedure in connection with outlay on Salt Buildings in Madras.

I have presumed that Govt. do not desire to depart in any way from existing procedure, inasmuch as it would much inconvenience the P.W. Staff to deal with the works enumerated, without (so far as I can see) any compensatory advantage whatever.

As regards the powers of sanction exercised by the Salt Commissioner and Revenue Board, alluded to in para 4 of proposed letter, you will observe

that the Salt Commissioner has hitherto exercised a power (Rs. 2000) similar to that conferred in para 1570 of Code, on Director General of Post Offices and Director General of Telegraphs. The Revenue Board sanctions estimates up to Rs.5000. The Code limit is for the Board up to Rs. 2000, and for the Salt Commissioner up to Rs.500.

For the sake of uniformity in general procedure it might be possible for the Salt Department to abide by the Code rule as it stands in regard of powers of sanction - that is the Commissioner would submit to Board of Revenue all estimates over Rs.500, and Board of Revenue would submit to Govt. all estimates over Rs.2000. On the other hand there would apparently be no benefit from this. It would be mere circumlocution, involving more writing and recording. It will probably be admitted that the Salt Commissioner is as good a judge as the Members of the Board of the necessity of Salt works up to Rs.2000, and

that the Board is fully competent to deal finally with Salt works up to Rs.5000. The Board themselves desire to leave entirely to the Commissioner the works up to Rs.2000 and estimates above that figure are very few.

Cy. 15/6/57

Dy.W.

10-5-57

32

Rs 3,410/- that from the

To W

C. No. 2158 16
3745. 1556

With reference to your instruction to alter in pencil the accompanying draft so as to limit the Salt Commrs powers of sanction, I find that this is not practicable in the present forms of the draft. which is running in the shape of an explanatory letter to the G. of I. Any such limitation as that proposed would assume the forms of a G. O. and would affect them in a material manner the whole tenor of the reply to India. The draft would in fact have to be entirely re-written. In its present

33

Rs 3,410/- while that from the

forms it is at variance
with the principles
of the S.W. Code - inde
paras 1569 - 1594 - con-
taining the rules for
execution of works by
Civil officers. Many
of the works now being
executed in the
Salt Budget should
appear in the S.W.
Budget. but this
need not affect the
agency by which they
are actually carried
out. Para 1573 of the
Code provides for
S.W. Budgets which are
executed by Civil
officers e.g the officers
of the Salt Dept. The
provision of such
works in the Salt Budget
is opposed to para 1576.
and to the rules
generally under the
head of "Civil Au-
thorities."

K.S
13.5.8

Mr Para 4 note 17
I think answer
(a) We do have former
wked - to end to have
for outside
the Inspectors should
go to Dew - lee
for outside work only
1571/1577

J.W.W.

(a) 1162 34

(a) Inserted in amending S.R.S.

2/1557

Letter from the
Comm[r] of Salt Revenue
No: 4323 d/ 9 June 84

1556/1557.

It will be observed
that the authorities
quoted have issued in
the Revenue Dept.

G.O. 1488 d/ 12 Sep: 78 is
based on the assumption
that Collectors are
empowered to sanction
New Works and Repairs
up to a limit of Rs 2000
in each case. This
is not in accordance
with S.W. Code para 1570.
under which the limit
is Rs 500.

In G.O. 1947 d/ 17 Dec: 81
the terms "petty"
and "allotments" are
interchanged. Though
the distinction in the
S.W. Dept. is very wide.

KS 35
13.6.84

KS
13.5.8

C. A. W

I think it would be well to draft a letter to India as per my previous note of 26.5.84, — and to circulate it with Mr. Willock's last letter, & with a note explaining (as overlooked) the errors upon which the G.O. is quoted by Mr. W. appear to be based.

Please leave this down

13.6.84

Sow

The draft previously prepared seems to meet the views of the Hon: Member who is in favor of maintaining the existing system. If it be desired to limit the powers of sanction exercised by

2/ The Commissioner, this question might perhaps be taken up after the views of the Govt. of India have been elicited? They may be disposed to prescribe limitations different from those which the Madras Govt. may lay down.

If the above is approved, the draft can circulate with a note pointing out the errors disclosed by Mr. Willock's letter.

AS
13.6.84

1556/1557

2/1557

P. W. DEPARTMENT.

36

2/1557
P. W. Department.

The draft will I think answer, — save that an additional paragraph should be inserted, admitting that existing procedure is irregular, in so far that it differs from that laid down in the P. W. Code, ~~for the guidance~~ and suggesting that those sections of the Code which deal with the subject should be amended, so as to bring them into harmony with the practice described in paras 3 - 4

1556/1557

Please draft para - also a Note as suggested by yrs.

M.

13-6-84

Sow

37

Please see proposed para 6.

Note drafted accordingly.

LS

14. 6. 84

2
1556/1557

P. W. Department.

Read the following :—

Letter from the Government of India No. 329 A.S. dt. Novr. 15, 1883.

Proceedings, Revenue Department " 1044 dt. March 6, 1884

Letter from the Accountant General " $\frac{\text{I. A. Cm.}}{24}$ dt. April 30, "

FOR ORDERS.

In their letter No. 329 A.S. dt. 15th November 1883, the Govt. of India noticed that much of the outlay incurred in the Madras Presidency on Salt buildings is charged in the Civil instead of in the Public Works Budget. The corresponding figures for Bombay were quoted as shewing the difference in procedure. Thus, while in Madras, the outlay during 1881/82 on Salt buildings from the P. W. Budget was only Rs. 3,410/- that from the Civil

Executive works in the Salt Dept seem to be very good & the work satisfactorily. But they are drawn up irregular. [illegible] Executive Engineers to be [illegible] Collectors [illegible] Salt Agents [illegible] Civil Depts. - It is said in the note overleaf that there is no objection to Executive Engineers doing work being entrusted to Civil Officers but that those costing over Rs. 1000 should be provided for in the P. W. Budget but

Budget was Rs 1,16,490- In Bombay, on the other hand, Rs 49,520 were spent from the P.W. Budget, and nothing from the Civil Budget.

The Government of India accordingly requested that the procedure at present in force in Madras should be explained, and such recommendations submitted as might appear desirable.

The Comm^r of Salt Revenue was thereupon asked for such remarks and suggestions as he might have to offer on the subject.

Mr. Bliss has accordingly submitted a full report on existing procedure, which seems to differ materially from that laid down in the P.W. Code

for the guidance of civil officers carrying out Public works under paras 1569 - 1594.

FOR ORDERS.

This apparently does not fit in with Secs: 1593-94 of the Code. Sanction should be obtained from the Commissioner that if the Executive Engineer has to depend on the P.W.D. for the execution of all such works there would then be great delay and if the Executive Engineer himself he would have to account for the expenditure & he cannot P.W. a/c - and obtain the funds in the manner prescribed in Sec 2410- Under this arrangement the Salt Commissioner would have to apply to the Executive Engineer every time he wanted to draw a cheque against the letter of credit -

In replying to para 2 of this letter we should submit B.W. Rep report of how matters are managed at present and admitting the irregularity of procedure propose that it should be legalized by the amendment of Secs 1591 - 1594 making exception in the rules for the Salt Dept: The orders as regards the P.W. Departments in Madras & Bombay do not admit of comparison - In Bombay

Have a few gigantic failures they have no irrigation works & work as per estimates and since the transfer of works to local fund Boards, it has been found difficult to provide work for the Department - Consequently they are put on to any available job & can find plenty of time to carry out such works - But with us the case is very different and daily directions & the successful working of the Salt Dept: must result of the rules are not modified to suit the requirements

In this objection apparently is that the outlay is debited to Salt - instead of to other P.W. works some plan must be devised to settle over this without materially disturbing the existing arrangements

H.C.I.

24/5

Under these rules, all Public Works, excepting those of petty construction and repair the cost of which is under Rs 1000/- each, should be provided for in the P.W. Budget Estimates.

There is no objection however to civil officers being charged with the execution of any works which it may be desirable to entrust to them; but they should draw funds from the P.W. Dept, and the works themselves be subject to a certain amount of professional scrutiny.

In regard to petty construction and repair works for which no professional control is required, the execution is left entirely to civil officers, and provision is made for them in the Civil Budget.

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It is also observed from Mr. Bliss' letter that he himself and other officers of his Department exercise powers of sanction not recognised by the P.W. Code, - vide para 1570.

The question for consideration is whether the procedure laid down in the P.W. Code for the guidance of all civil authorities engaged in the Execution of works, as well as the powers of sanction prescribed, are to be amended as regards the Salt Dept., and the sanction of the Govt. of India obtained thereto.

Such sanction will, it is believed, be necessary; for the principles on which P.W. Budgets are framed are

1556/1557 - 23

being departed from.

There seems no more reason for charging to the head "Salt" the Public Works provided for that Dept., than there would be for charging the Marine and the Jail departments with the cost of the harbours and jails ~~which may be~~ carried out for their convenience. ~~of those departments~~

It may be remarked that the Revenue Department have given an Expression of their opinion in favour of Existing arrangements in the Salt Department. But the matter seems to be one for decision in the P.W. Dept.

W. Mew Stewart
13-5-84 Colonel R.E.
Secretary to Govt. P.W.D.

Collationed.
May 13, 1884
R.S.

The Hon. H. E. Sullivan

For Orders

SECRETARY TO GOVERNMENT
26 MAY 84
PUBLIC DEPARTMENT MADRAS

P.S. 34/5 Cir 14/5. Ref. 27/5.

24
1556/1557

At request of Hon: Member I have discussed this matter with the Rev: Secretary, who is strongly in favour of allowing matters to remain as at present - but that the buildings to be undertaken by the Salt Dept. should be restricted within a specified limit, of say ₹1,500.

The reply to India can be drafted as suggested by the Hon: Member, and to include a recommendation as above.

But before that letter is drafted, Mr Stokes suggests that it would be well to ascertain the orders under which the powers of sanction, quoted by Mr. Bliss in para 6 of his letter, have been given.

This should be done at once.

H.H.
26.5.84

21
1556/1557

Note

The accompanying draft order expresses, it is thought, the views of the Honourable Member as contained in the Note dated 24th May 1884 on the "For orders" papers previously submitted.

It will be observed, from the letter of the Acting Commissioner of Salt Revenue No 4323 dated 9th June/84 - since received, - that the powers of sanction to Public Works at present exercised by

42

Officers of the Salt Department are derived from the Revenue Deptt., and that these seem to have been conferred under, in some cases, misapprehension of fact.

G.O. 1488 dated 12th Sept. 1878 is based on the assumption that Collectors are empowered to sanction New Works and Repairs up to a limit of Rs 2,000, in each case. This is not in accordance with Public Works Code para 1570, under which the limit is Rs 500.

In his letter preceded G.O. 1947 dated 17th December 1881, Mr Bliss

assumes that he was previously authorised to sanction Estimates from general savings, up to a limit of Rs 5000. What he was really empowered to do was to transfer allotments to sanctioned works up to a limit of Rs 5000. when savings were available.

In the P.W. Deptt., a very marked distinction is presumed between estimates and allotments. The estimate of a work may be sanctioned, but unless an allotment of funds is also made, it cannot be commenced. This a mistake to speak of estimates being

Sanctioned from Savings - Allotments only may be sanctioned from Savings.

W.
17-6-84
Es.

The Hon'ble E. Sullivan

SECRETARY TO GOVT. P.W. DEPARTMENT MADRAS 18 JUN 84

1550-57

Read the following

No. 32

All communications should be addressed to the Secretary.

GOVERNMEN
PUBLIC WORK
ACCO
Cess

1556/557

To

The Secr

only Half Sheet available.

Sir

It is o
upon a petty construc
under the Head Sal
Works. Thus for the y
incurred on account o

Madras
Bombay
etc

See Madras Code para 1591 & 1594

It is observed also th
rules are laid down
-tion and repair of
2. With
footing Dam directe
in force in Madras

R/S
E&M V.P.S. 3/4/85 Cir. 1/6

on the matter as may

honor to be
Sir

Obt. servant

Secy. to the Govt. of India

No 3388 of Nov 27th 1883

No. 3388 W. PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the Nov 27th 83

READ the following

Letter from the Govt. of India Mlo No. 327 A. Gas 16th Nov 83

Order dated 27th Nov 83, No 3388 W

The Commissioner of Salt Revenue will be called on in the Revenue Department for such remarks and suggestions as he may have to offer on the subject

The Revenue Dept

The Revenue Secy for Counterinitials

RS

FC
81 C 14. 1. 84
734 C 25. 3. 84
No 3388 W&F Nov 27th 1883.

Revenue Department.
Proceedings of the Madras Government
Read the following:-

BOARD OF REVENUE, 2ND FEBRUARY 1884, No. 354.

G.O. & Pr March 84, No 1044, Revenue
28
1556/1557 p 3

PROCEEDINGS OF THE BOARD OF REVENUE,

READ—the following letter from H. W. BLISS, Esq., Commissioner of Salt Revenue, to the Secretary to the Board of Revenue, dated 21st January 1884, No. 464:—

I have the honor to forward the report called for in G.O., Revenue Department, dated 3rd December 1883, No. 4834 (copy enclosed), as to the procedure in regard to the departmental construction and repair of salt works.

2. The basis of our system is a strict rule that no expenditure shall take place on works without (1) budget provision, (2) specific sanction.

3. Original proposals for the inclusion of ordinary works in the budget generally come from the Assistant Commissioners. In framing their divisional budgets, from which the budget submitted by me is framed, they have to provide, in the case of new works, the individual sums actually required, and, in the case of repairs, lump grants for each class of works such as irrigation channels, roads, fences, &c. From these lump grants, allotments are subsequently made as estimates are received for the repairs which are found necessary as the year proceeds. No new work estimated to cost more than Rs. 500 is, however, allowed to be entered in the budget until the plan and estimate have been approved by me.

4. The preparation of estimates is the duty of the officers in charge of circles, by whom they are submitted to the Assistant Commissioners for approval and for submission for sanction through the proper channel. Estimates are required to be prepared in proper forms similar to those in use in the Public Works Department, and to be accompanied by proper specifications, and, where necessary, to make them clear, by plans and sections drawn to scale. With the estimates, statements have also to be submitted showing, in the case of channels or of other works for manufacture or storage, the quantity of salt capable of being made or stored by means of the work in an average year; and in the case of these and of all other repairs, except those of a very petty nature, the date of construction of the work, its cost, and the date, cost and nature of the last repair.

5. The dates in each year fixed for the submission of estimates are as follows:—

For all new works	Before	15th May.
For all ordinary repairs to permanent buildings	"	1st October.
For repair to temporary buildings such as temporary peons' lines, guard sheds in the pans, and the like, which depend on the quantity of salt to be made in the following year, and for all repairs to irrigation channels, bandakats and other works required for manufacture—		
In the Chicacole Division	"	1st December.
In the Masulipatam Division	"	15th "
In all other divisions	"	15th January.

Estimates for repairs necessitated by extraordinary falls of rain, floods, &c., may of course be submitted at any time.

6. The power of sanctioning estimates is vested in different officers, according to their amount and nature, as under :—

Deputy Commissioners	New works entered in the budget up to a limit of Rs. 250.
Do.	Repairs entered in the budget up to a limit of Rs. 500.
Commissioner	New works and repairs entered in the budget up to a limit of Rs. 2,000.
Do.	Allotments for unforeseen works from savings in the budget up to a limit of Rs. 500 in each case and an aggregate of Rs. 10,000 in the year.
Do.	Reallotments for incomplete works from savings in the budget as required.
Revenue Board	New works entered in the budget costing more than Rs. 2,000 and not more than Rs. 5,000.
Do.	All repairs entered in the budget and costing more than Rs. 2,000.
Do.	Allotments from savings for unforeseen works up to Rs. 5,000 in each case.
Government	All other works.

7. In order to the maintenance of proper accounts in this office, Deputy Commissioners are required to report monthly what estimates they have sanctioned. From their reports and from other sources divisionwar registers of estimates sanctioned and itemwar registers of appropriations are maintained in this office, so that the exact sum available for expenditure on any object in every division can at any moment be ascertained.

8. No work is permitted to be commenced without the previous sanction of an estimate in proper form, except such emergent works as are necessary to prevent damage to works, or loss of revenue or of stocks of salt. The plea of emergency is only admitted in case of the occurrence of storms at unusual periods, or of other circumstances which a prudent and painstaking officer could not have foreseen. In all such cases, the fact of the commencement of the work and an explanation of the necessity for it have to be reported forthwith for my information, to be followed as speedily as possible by regular estimates for orders.

9. The execution of works is entrusted to the officers in charge of circles. Works are carried out either by daily labor or by contract, according to circumstances, at the discretion of circle officers, subject to superior control. Departmental labor is freely employed, where available, for the sake of economy, on such works as peons' lines, fencing, earth-work, thatching, whitewashing and others of a similar nature not requiring skilled labor. In the case of works under execution on contract, no payments are made without measurement, nor without a deduction of 15 per cent. of the whole value of work done up to date, to be adjusted after completion and inspection by the Assistant Commissioner, who is held responsible for the execution of works in accordance with estimates. All his proceedings are subject to supervision by the Deputy Commissioners, who are required to inspect all works during execution, as far as the size of their charges makes it possible for them to do so. Officers in charge of circles are responsible for the works they carry out, but only for actual execution and as the Assistant Commissioner's Agents, and without affecting his responsibility for the suitability of the design and of the materials specified in the estimate to be employed.

10. A completion certificate is required for each work, however insignificant, under the signature of the Assistant Commissioner of the division; and to enable him to furnish this, he is required to inspect all works during their progress and from time to time to check measurements. Officers in charge of circles are required to take all measurements personally and to record them in a bound register. Assistant Commissioners are required to personally check not less than one-fourth of the entries in the measurement book in a light division and not less than one-eighth of the entries in a heavy division. If discrepancies are disclosed by this check and suspicion aroused, they are required to verify the whole of the measurements.

11. The funds required for carrying out works are drawn by officers in charge of circles on cheques issued by Assistant Commissioners on the departmental treasuries, and are accounted for by monthly contingent bills in a special form prescribed for the purpose in communication with the Accountant-General, who audits this as well as all other kinds of departmental expenditure. The orders on this subject allow of only so much money being drawn at a time as can be spent within the month so as to prevent the accumulation of unadjusted outstanding balances. These amounted to about a lakh and a half of rupees in 1878, when the department was constituted a separate one, but to Rs. 4,795 only at the end of last month. All sanctions of allotments of funds lapse with the official year, at the close of which all unexpended funds are refunded into the treasury. Allotments of maintenance grants are not renewed but lapse absolutely at the close of the year. To incomplete works, other than mere maintenance repairs, for which no budget provision exists, re-allotments are made from general savings, under my orders, so that they may be completed.

12. The works carried out by the department are generally of such a nature as do not require the employment of skilled labor or professional supervision as will be seen from the following list :—

Excavating and clearing channels ; constructing and repairing branch roads, fences, earthen platforms and drying-grounds, patrol paths, offices, quarters for officers and men, &c.

13. The buildings undertaken are always small and unimportant, and are usually thatched. The Public Works Department would be called on to undertake any work not answering to this description.

14. To ensure the accurate preparation of estimates and the efficient execution of works, the superior officers of the department are required, by recent orders of Government, to pass examinations in surveying, levelling and mensuration and in the preparation of plans and estimates.

15. The present system of carrying out works leaves, in my opinion, nothing to be desired. It saves delay and is very economical as it allows of departmental labor being utilized to the fullest possible extent—in many cases for the complete execution of such works as the erection and repair of fences, peons' lines, &c.—which would of course be out of the question if the works were carried out otherwise than departmentally.

16. The advice of the Public Works Department is, however, always sought in cases of difficulty. It was formerly the rule that the Superintending Engineer should countersign all estimates for sums exceeding Rs. 500 ; but this requirement has, under recent orders (G.O., dated 8th February 1883, No. 177), been dispensed with, as in the majority of instances Superintending Engineers could not undertake the actual inspection of works and their countersignatures were therefore purely formal and meant nothing more than that the rates charged were suitable.

17. From the date of an estimate being sanctioned until the work is completed and the funds drawn fully and properly accounted for, its progress is periodically reported upon in monthly progress reports submitted by the Assistant Commissioners to the Deputy Commissioners, and reviewed both by those officers and, where necessary, in my office also.

18. In the foregoing account I have confined myself to a general statement of the procedure observed in regard to works. If required, I can furnish copies of the forms in use and of the detailed instructions in force on different subjects.

19. As the system has been found to work well, and in view of the extension of the excise system under which most of the works will in future be carried out by the licensees, no serious modifications appear to me necessary. I may, however, mention

that I have now in hand the consolidation of all the orders on the subject into a single circular order, in the preparation of which I shall enter into greater detail as to the forms to be used, and as to the precautions to be observed than has hitherto, from want of time, been possible.

20. In the meantime I trust that the Government of India will be satisfied that the system is such as to secure both the efficient and the economical conduct of the works and the prompt accounting for expenditure.

ENCLOSURE No. 1.

PROCEEDINGS of the Madras Government, Revenue Department, dated 3rd December 1883, No. 4834.

Read—the following Proceedings, Public Works Department, dated 27th November 1883, No. 3388 W., on letter from the Government of India, Public Works Department, No. 329 A.G., dated 15th idem:—

It is observed that much of the outlay incurred upon a petty construction and repairs of salt buildings is charged under the head Salt, instead of under the head Other Public Works. Thus for the year 1881-82, the following outlay is shown as incurred on account of salt buildings under the two heads of account:—

	Public Works.	Salt.
	Rs.	Rs.
Madras	3,410	116,490
Bombay...	49,520	...
&c. &c.		&c.

It is observed also that, in the fourth edition of the code, no rules are laid down for the procedure in regard to the construction and repair of salt buildings.

2. With a view of placing the matter on a proper footing, I am directed to request that the procedure at present in force in Madras may be fully explained, and that the Local Government will make such recommendations on the matter as may appear desirable.

The Commissioner of Salt Revenue will be called on in the Revenue Department for such remarks and suggestions as he may have to offer on the subject.

Order—dated 3rd December 1883, No. 4834, Revenue.

Forwarded to the Commissioner of Salt Revenue for report through the Board of Revenue.

(True Extract.)

(Signed) E. S. LAFFAN,
Ag. Under Secy. to Govt.

To the Commissioner of Salt Revenue.

RESOLUTION—dated 2nd February 1884, No. 354.

Submitted to Government with reference to the Government Order quoted by the Commissioner.

2. The Board agree with the Commissioner that the present system works well and does not need any modification.

(True Copies and Extract.)

(Signed) E. GIBSON,
Secretary.

To the Secretary to Government, Revenue Department.
Copy to the Commissioner of Salt Revenue.

Exd. C. Venkatasubbaiyar.

Order

Order Havana, 6th March 1884, No. 1044.

Transferred to the Public Works Department with reference to that Department G.O. No. 3388 W, dated 27th November 1883.

2 The Government in the Revenue Department agree with the Board and the Commissioner of Salt Revenue that the present system needs no modification.

(True Extract)

J. Elcho
Secretary to Govt.

To The Public Works Department
" Board of Revenue.

Revenue Department
H-893.

REVENUE DEPARTMENT.

1884.

Board of Revenue,

MADRAS.

Printed February 9th.

Proceedings, 2nd February 1884, No. 354.

Submitting to Government, with Board's opinion, letter from the Commissioner of Salt Revenue reporting the procedure in regard to the departmental construction and repair of salt works.

Treasury Accounts Department.

Fort St. George,
Accountant-General's Office,
30th April 1884.

No. J.A.G.M. / 24

From H. F. Clogstoun Esqre
ACCOUNTANT-GENERAL
TO THE GOVERNMENT OF MADRAS,

To
THE Secretary to Government,
Public Works Department.

SIR,

With reference to your memorandum No. 734 C dated the 25th March 1884, I have the honor to forward copies of Statements showing expenditure on Public works by the Direct Agency of the Salt Department for the years 1881-82 and 1882-83, with budget figures for 1883-84 and 1884-85 received from the Commissioner of Salt Revenue.—

I have the honor to be
Sir,
Your obedient Servant

H. F. Clogstoun
Accountant General.

1/3.

33
1556/1557

B. No: 2528 Wdy 4-11-80
" " 589 Wdy 23-2-83
" " 3388 Wdy 27-11-83
" " 81 Cdy 14-1-84
No: 354 Cdy 14-2-84
" 734 Cdy 25-3-84

Pub Works Dept No 3745

(188) Department.

From

The Accountant-General,

Madras,

(12)

To

The Secretary to Govt.
Public Works
Dept.

No.

Dated 30

Received 2/5 April 1884.

No. 9.a.c.m. / 24

No 1556 & 1557 dy 20. 6. 84

Subject.

Forwards Copies of Statements shewing expenditure on Public Works by the direct Agency of the Salt dept for 81/82 & 82/83 with Budget figures for 83/82 & 82/85.

Acctg 10/5/84 R 11/5/84

Enclosure to No 1 — 39 1556/1557 14

Memo shewing the original works costing Rs 1000 and over executed under the Supervision of the Salt Department in 1881-82.

District	Work	Amount spent		Total	
		R	a p	R	a p
Ganjam Vizagapatam	Fencing the pans at Calingapatam	1035	14 8	1035	14 8
	Excavating channels & Extension Work at Kavassa	3544	7 "		
	Protective bunds at do	2119	9 11		
				5664	" 11
Vizkia Chingleput	Road between Chinna Ganjam and Kodavakudem	1800	" "	1800	" "
	Constructing boundary hedge and preparing patrolling path at Adiyapet	1570	" "		
	Constructing a bungalow at Madras Depôt	2890	13 3		
	Constructing flood bank on the western side of Pulicat Lake and Thillai Pans	1310	12 "		
	Constructing a flood bank on the Western Side Vayalur	2562	3 "		
				8333	14 3
		8			
	Total			16836	13 10

Sd/ V. Ramachandra Rao
Ag Personal Asst to
for Commr of Salt Revenue

(True Copy)

C. Wall
Offg Chief Supdt

35 1556/157/5

No 1

Statement shewing the Expenditure on Works executed under the direct Supervision of the Salt Department in 1881-82.

Districts	Original Works			Repairs			Total		
	Rs	a	p	Rs	a	p	Rs	a	p
Ganjam	2947	7	1	6415	5	5	9362	12	6
Vizagapatam	7124	5	7	4351	3	3	11475	8	10
Godavari	1314	13	6	2745	10	1	4060	7	6
Kistna	4006	2	5	1957	1	4	5963	3	9
Nellore	5386	11	11	2173	11	9	7560	7	8
Chingleput	22280	14	2	24065	6	4	46346	4	6
South Arcot	1645	7	2	5093	4	9	6738	11	11
Tanjore	1413	4	3	9731	2	9	11144	3	4
Madura	1511	6	2	10555	13	5	25067	3	7
Tinnevelly	1263	2	4	4359	7	2	5622	9	2
South Canara	82	11	3	1321	1	11	1403	13	2
Malabar	"	"	"	4164	2		4164	2	
Central office	30	"	"	"	"	"	30	"	"
Deputy Commissioner Northern Division	1800	"	"	"	"	"	1800	"	"
Total	50806	1	5	65685	8	4	116491	9	9

164

Sd/ P. Ramachandra Rao
Asst Personal assistant
for Commrs of Salt Revenue

(True Copy)
Hall
Offg chief Supdt

Enclosure to No. 2.

36
1559/1557 / 16

Memo showing the original works costing Rs 1000 and over, executed under the Supervision of the Salt Department in 1882-83.

District and Divisions	Work	Amount Spent			Total.		
		R	a	P	R	a	P
Cheriole Division	Protective bund at Balnokkuna	1246	11	4			
	Constructing Inspectors Quarters at Ganjam Factory	1450	"	"			
	Do Do Calingapatam	1302	3	2			
	Do Do Merla	1088	13	3			
	Do Inspectors and Apth Inspectors Quarters at Kanda	2646	"	"			
	Excavating Channels for Karuvu Extension	1587	2	9			
					9821	1	6
Nellore District	Making a branch road from Allur Road to Sekapalle platform	2800	10	7			
					2800	10	7
Chingleput Division	Constructing flood bank on the west side of Pulicat	2169	11	8			
	Do Do on the north west part at Vadapalur	2813	11	9			
	Do retaining walls at Madras Depot	1886	12	10			
					6870	3	10
Tinnevelly Division	Compensation for land taken up for Salt works at Levingepuram	1052	6	"			
	Extending Platform No I at Vathanam	1030	"	"	2062	6	"
	Total				21052	5	11

Sdy P. Ramachendra Rau
Ag. Personal Assistant
for Commissioner of Salt Revenue.

True Copy
Wall
Offg. Chief Asstd.

No 2. 37 1558/1559 17

Statement showing the Expenditure on works executed under the direct Supervision of the Salt Department in 1882-83.

Districts and Division	Original Works			Repairs			Total		
	R.	a.	P.	R	a	P	R	a	P
Chicacole Division	25757	7	5	11329	4	11	37086	12	4
Godavari District	5239	9	5	1919	11	8	7159	5	1
Kistna	4684	14	8	1513	6	1	6198	4	9
Nellore	7261	10	3	3959	5	4	11221	2	7
Chingleput Division	15496	13	9	25751	11	6	41248	9	3
Negapatam	5831	11	5	7950	10	4	13782	5	9
Tinnevelly	9992	9	2	5977	2	9	15969	11	11
Central	4553	14	"	1844	15	1	6398	13	1
Central office	154	"	"	"	"	"	154	"	"
Total	78972	10	1	60246	6	8	139219	"	9

17½ 7 8 8

Sd/ P. Ramachandra Row.

Ag: Personal assistant for Commissioner of Salt Revenue.

/ True Copy /

Chall

Off: Chief Assistt

Encl. 3
3745/50

Enclosure to No 5 38 1556/557 18.

Memo shewing the original works each costing Rs 1000 and upwards included in the Budget figures for 1883-84.

Divisions	Work	Amount	Total
		Rs	Rs
Negapatam	Fencing the pass and Sectioning the spill bank of the boat channel at Cheyur	1200	
	Fencing Vedaranyam great Swamp	3000	
	Forming drying grounds at Nerkaman	1300	
	——— do ——— do at Negapatam	2000	
	Completing the Uppelavadi Project at Gundalam	10000	
	Extending the Negapatam Factory	5000	
			22500
Commissioner	Quarters for Inspector and assistant Inspectors at factories	50000 *	50000
			72500
	Total		72500

* The cost of each will be over Rs 1000

7 # 17 # 8

Sd/ P. Ramachandra Rau
Ag: Personal a/c to
for Commr of Salt Revs.

Attn

(True Copy)

Hall
Asst: Chief Accts

19

No 3

Statement showing the budget figures in account of Expenditure on works by the Salt Department for 1883-84

Division	Original Works	Repairs	Total
Chicacole	700	19.630	20.330
Masulipatam	1.100	7.250	8.350
Nellore	1.600	7.700	9.300
Chingleput	1.060	23.700	24.760
Negapatam	32.420	18.353	50.773
Tinnevelly	6.080	7095	13.175
Central Division	"	2812	2812
Commissariat	55.000	"	55.000
Total	97.960	86.540	184.500

35/1556/1557

Sd/ P. Ramachandra Row
Asst Board of Rev.
for Comm.r of Salt Revenue

A/3

(True Copy)

Wall

Asst. Chief Asst to Comm.r

25

Enclosure to No 4 Co 1559/1559 20

Memo showing the original works each costing Rs 1000 and over included in the Budget figures for 1884-85.

Division	Work	Amount			Total		
		R	a	p	R	a	p
Chicacole	Metalling the Calingapatam cross road	3000	"	"			
	Extending Karasa pans	20000	"	"	23000	"	"
Masulipatam	Constructing drying grounds	2080	"	"	2080	"	"
Nellore	Excavating a boat-channel to the Rompicherla	2000	"	"	2000	"	"
Chingleput	Filling in a channel to extend platform at Madras Depot	7000	"	"			
	Construction of officers quarters at Covelong	5000	"	"	12000	"	"
Negapatam	Fencing the great Swamp at Vedaranniam	2000	"	"			
	Completing the Uppalavadi Depôt at Cuddalore	10000	"	"			
	Fencing the factory including gates at Kottumavadi	1100	"	"	13100	"	"
Tuticorin Commissioner	Fencing pans &c. at Virarayanatthapatnam	1000	"	"	1000	"	"
	Erection of quarters for officers at certain factories	*30000			30000	"	"
	Total				83180	"	"

* The probable expenditure on each will be over Rs 1000

Sd/ P. Ramachandra Rau.
Asst Personal assistant
for Commr of Salt Revenue.

Ans

(True copy)
Hall
Offg Chief Supdt

No 4

Statement showing the budget figures in account of Expenditure on works by the Salt Department for 1882-83

Divisions	Original Works			Repairs			Total		
	R	a	P	R.	a	P.	R	a	P.
Chicacole	25.410	"	"	18.800	"	"	44.210	"	"
Masulipatam	3.030	"	"	6.300	"	"	9.330	"	"
Nellore	8.100	"	"	4.500	"	"	12.600	"	"
Chingleput	18.020	"	"	20.550	"	"	38.570	"	"
Negapatam	18.050	"	"	12.105	"	"	30.155	"	"
Tinnevelly	3880	"	"	5.405	"	"	9.285	"	"
Central Division Commissioner	"	"	"	3.850	"	"	3.850	"	"
	35.000	"	"	"	"	"	35.000	"	"
Total	111.490	"	"	71.510	"	"	183.000	"	"

Sdj P. Ramachandra Rau
Ar: Personal assistant
for Commrs of Salt Revenue.

Ak

(True Copy)

Asst

Off: Chief Supdt

4

21

9/1557

Correspondence Department.

No. 4223

Office of the Commr. of Salt Revenue,
on circuit Vanur
~~Madras~~,

Dated June 9, 1884

From W. A. Willcock Esqr,
~~H. W. BLISS, Esq.~~,
Asst. Commissioner of Salt Revenue,

To

The Secretary to Government,
Public Works Department.

Sir,

In reply to your memo No. 1871 &
dated May 27, 1884, I have the honour
to append a statement showing the
orders of Government under which the
powers of sanction to Public Works is
exercised by the officers referred to
in para 6 of Mr. Bliss's letter printed with
the Board's Proceedings No. 3514, dated
February 2, 1884.

Deputy Commissioners

New Works entered in the Budget
upto a limit of Rs 250 } Government order August 5, 1881, No. 1142
Repairs do do

Commissioner

New Works and repairs entered in the Budget
upto a limit of Rs 2000 } Government order September 12, 1878, No. 1488 Revenue Department
Re-allotments for incomplete works
from savings in the Budget

Allotments for unforeseen works from Savings in the Budget up to a limit of Rs 500 in each case, and an aggregate of Rs 10,000 in the year.	Government orders March 31, 1881, No. 551 and December 17, 1881, No. 1947, Revenue

Revenue Board

New Works entered in the Budget costing more than Rs 2000 and costing not more than Rs 5000.	Government Order May 25, 1869, No. 1472, Revenue and Government order December 5, 1874 No. 1501 Revenue Department
All repairs entered in the Budget costing more than Rs 2000	Do.
Allotments from Savings for unforeseen works up to Rs 5000 in each case.	November 4, 1880, No. 1449, Revenue

Government

All other works	Do. Do.

I have the honour to be,

Sir,

Your most obedient Servant,

H A Wood

Ag. Commissioner of the Revenue

HB

93
1556/1557

24

From

The Secretary to Govt

To

The Secretary to Government

Salt Department

Dated June 9th 1857

Despatched " "

No 1323

Subject

Reporting under Statutes
of Government to dispose
of Plants &c taken from
Works at Cannanore by
Capt Robertson

PUBLIC WORKS DEPARTMENT.

No 1556

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20th June 1857

Read the following :—

Letter from the Govt of India H.E. No 329 A.G. dated 15th Nov. 1853.

G.O. Public Works Department. No 3388 W dated 27th Nov. 1853.
Reduction

Proceedings of the Board of Revenue No 354 dated 2d February 1854
G. of Revenue Department No 1046 dated 6th March 1854

Letter from the Accountant General, Madras No P. I.a.Cm / 24 dated 30th April 1854.

Do from the Commr of Salt Revenue No 1323 dated 9th June 1854

Ordered that the Govt of India be addressed.

H.E. No 1557 / Way 20th June 1857

To

The Secy to the Govt of India
P.W.D.

Sir,

I am directed to acknowledge the receipt of your letter No 329 A.G. dated 44

To Mar Rev. Dept 21 Dec 27

dated 15th November 1883,
requesting that the pro-
cedure at present in
force in Madras with
respect to the construction
and repair of salt
buildings may be fully
explained, and that
the local Govt will
make such recommen-
dations on the matter
as may appear desirable.

2. In reply, I am
to forward a copy of the
Proceedings of this Govt
No 1556 dated 20th May 1884,
in which is recorded
a letter from the Commissioner
of Salt Revenue No 464
dated

(P) 1556/155 1 2

dated 21st January 1884,
fully explaining the pro-
cedure adverted to,
and in which also will
be found statements showing
the total cost of works
executed by the direct
agency of the Salt Department,
and the number and
description of such
works costing Rs 1000
and over, for the four
years from 1881-82 to
1884-85.

3. It will be seen
from these papers that
works connected with the
Salt Department are
generally

generally of such a nature as do not require the employment of Skilled labor or profession ab Supervision. I am however to state that the agency of the Public Works Department is always available for works of a higher class, as in the case of the head sluices across the Mercanum brine supply channel in the South Arcot District, and of opening and maintaining the Entore and Covelong bars; and also that the Advice and Assistance of this Department are called in when necessary.

4. It will also be seen that financial regularity is strictly observed in the execution of works by the Salt Department, and that the powers of sanction vested in the different officers are as follows:—

1536/1557

Commissioner ..... New works and repairs entered in the budget, up to a limit of Rs 2,000

Do ..... Allotments for unforeseen works from savings in the budget, up to a limit of Rs 500 in each case, and an aggregate of Rs 10,000 in the year.

Do ..... Re allotments for incomplete works from savings in the budget, as required

Revenue Board ..... New works entered in the budget costing more than Rs 2,000, and not more than Rs 5,000

40 Revenue

Revenue Board ..... All repairs entered in the budget and costing more than Rs 2,000

Do ..... Allotments from savings for unforeseen works up to Rs 5,000 in each case.

Government ..... All other works.

5. I am to state that, in view of the circumstances as above stated, His Excellency the Governor in Council sees no reason to disturb the procedure now in force, which works satisfactorily, more especially as the numerous and ~~generally~~ ~~as a rule~~ insignificant salt buildings and works are situated in localities outside the general range of the already limited and already more than fully employed Public Works staff.

6. H.E. the Governor in Council is aware that the present procedure in respect to the budgetting for, and the execution of, salt works differs from that laid down for guidance by the rules of the Public Works Code; but for the reasons advanced above, he would recommend its approval by the Govt of India; the sections of the Code which deal with the subject being amended so as to bring them into harmony with existing practice

7. I am to add that your letter under acknowledgement refers to salt buildings only, whereas the out lay is by no means confined to buildings proper which are for the most part insignificant, but deals also with the excavation and clearance of Channels, construction and repair of branch roads and of fences formation of earthen platforms

platforms, drying grounds, patrol paths, &c. Does however of these works exceed individually Rs 1000, the out lay on works over that amount in 1881-82 having been only Rs 16,836 out of a total expenditure of Rs 1,16,492-

16-6-84

10-5-84

Dealt in Secn with Sec 1- vide 135-55-84 3217

(To the Revenue Secy: for concurrence) 4/84

048.34/5

6.10-5-84

1556/1557

48

5201 do

Govt. of [1884] Madras.

PUBLIC WORKS.

(187)

Dated

Read. Rect.

G.O. 20 June 1884. No. 1556 t

So 1556 t + 1557 w 1557 w

20-6-1884

Salt w.

Ordered that the Govt of India the address
with regard to their Call
for full Explanation of the
procedure now in force relative
to the Construction & repair
of — with recommendations
of the Local Govt on the Subject

Salt works

Explaining to the Govt of
in the procedure now
in force relative to the
Construction & repair of —
the amending the sections of
the Code relating to the
same subject

28-4-20. B. II
5. 3. 27 V

of accordance
with the
proposed instructions