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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No. / B.P. No.	1545 - W.	Press. / Mis.
Dated	18 - 6 - 1886.	188 .

Note:

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Archives —I 10,006-9 88

(1) Number of pages

(2) Date of repair

(3) Initials of the Reference

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

Press.
Mis.

G.O. No.
Lr. No.

Dated

198

Not to be folded or roughly handled.

1545
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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From Major S. C. CLARKE, R.E., Acting Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 25th March 1886, No. 573 G.N.

I have the honor to submit an abridged transcript of the report on the existing condition of the Parlákimedi estates, just received from the Executive Engineer, Ganjam division (Mr. C. Vincent).

Agriculture.—The estate covers an area of about 615 square miles (*vide* tracing), having an irrigated area of about 93,000 acres, from which a revenue of nearly three lakhs is collected. The irrigation is principally maintained by tanks of no considerable size, amounting in all to about 1,750 ; out of which number, only 61 can be designated major tanks, each commanding an irrigable area above 200 acres. Two rivers (the Vamsadhára and Mahandra Tanaya) flow through the district, but apparently no attempt has been made to make use of them as irrigating agents, for the existing cultivation would appear to be considered amply sufficient for the people, and it is said that, owing to this estate being subjected to the rains of both monsoons, no entire failure of crops has ever been experienced.

Roads and Communications.—The Local Fund Department have taken over charge of all the roads (colored brown on the tracing) forming the principal lines of communication ; but 120 miles of road (colored green) still remain under the charge of the Estate agent and are now transferred to the Public Works Department.

Works incompleted.—From the marginal statement it will be observed that a sum of Rs. 1,46,246 remains unexpended up to date, which clearly shows that the further development and improvement of this estate has been most unfortunately mismanaged, but it is unnecessary to incriminate any particular individual when all concerned may have been to blame.

	Number of works.	Balance unexpended Rs.
Irrigation	... 163	43,263
Buildings	... 33	31,805
Roads (maintenance)	... 28	10,067
Special roads... ...	... 14	61,111
Total ...		1,46,246

For some unaccountable reason no credit was granted for the works in progress until the other day when applied for by the Executive Engineer (Mr. Vincent), but where the fault lies, I have not yet discovered. It appears that Mr. W. H. Taylor, who relieved Mr. Dumphy, found that a sum of over Rs. 15,000 was due to various contractors, and at once applied for funds, but could get none, although a considerable amount had been assigned by the Court of Wards for the said works.

Proposals.—The Executive Engineer now proposes to put in hand all the incomplete works and submits a list of the establishment required, which I have appended, in a modified form, for I am of opinion that he ought to take in hand only a portion of the work to be done and concentrate all his working staff and labor on them, thus by degrees completing all the unfinished work. If, as he desires, the whole of the works, about 200 or more, are started simultaneously, there is every likelihood of

many being imperfectly executed, and assuredly both time and money would be wasted, as has been already unfortunately experienced.

2. I would beg to propose the following modified establishment (statement appended to this letter) being sanctioned, as I feel sure that unless the works are efficiently supervised by well-paid subordinates, it will be mere waste of valuable money to undertake the proposed work of restoration. Moreover, as the Executive Engineer points out, a very large number of the existing estimates must be revised, for they are of long standing and very unreliable, so that the upper subordinate staff (two) with an Assistant Engineer in immediate charge will not be too much to ask for.

3. I have taken the liberty of authorising the Executive Engineer to start two or three of the more important works, which he must select on his own responsibility, and to appoint temporarily two upper subordinates, with their writers and lascars, so that no time may be lost, pending the sanction of Government to the entire establishment now considered as essentially necessary.

ENCLOSURE.

STATEMENT A.

Establishment proposal for the Parlákimedi Estate.

		Salary. Rs.	Rs.
1	Temporary Assistant Engineer	...	350 to 400
1	Do. Overseer, 1st grade	...	80 to 100
1	Do. do. 2nd do.	...	60 to 80
1	Draftsman, 1st Class	...	60 to 80
1	Do. 2nd do.	...	40 to 60
1	Clerk for Assistant Engineer's office	...	30 to 40
½	Clerks or writers for each Overseer	...	15 to 20
1	Storekeeper	...	20 to 30
3	Lascars for Assistant Engineer, each	...	6 to 7
4	Do. (2 for each Overseer), each	...	5 to 6
3	Do. for the office and stores, each	...	5 to 7
		Total ...	672 to 830

The monthly charges will thus average from Rs. 672 to 830.

(Signed) S. C. CLARKE, Major, R.E.,
Ag. Suptg. Engineer, I Circle.

Office note from the Chief Engineer for Irrigation, dated 5th April 1886, No. 86.

Your office note, No. 1346, dated 2nd April 1886.

It would, I think, have been more satisfactory if the Superintending Engineer had sent the Executive Engineer's report with his remarks, instead of an "abridged transcript."

2. The Superintending Engineer does not appear to be aware that an establishment for the Court of Wards Estates in Ganjam district was approved in G.O., No. 2659, dated 28th October 1884, and could have been (if it has not) appointed. It is true that this establishment provided for all the estates (six altogether, see G.O., No. 411 W., dated 25th February 1886) but he had a sanction to commence on and could have applied for further establishment, if necessary.

3. The establishment now proposed amounts to nearly Rs. 10,000, but if, as I understand, the yearly expenditure on works will be upwards of one lakh, it is not unreasonable. There is, however, petty and conservancy establishment to be thought of, and, when I was in Ganjam, a rather long list of establishment, which had been working under the Collector on the Parlákimedi estate, was shown me. The Collector told me, in conversation, that he learned several of this establishment had been reduced or were employed on less pay. I think we should see the list of old hands and have the Superintending Engineer's suggestions as to their continued employment. It will

give great dissatisfaction in the estate if all old hands are sent adrift, and subordinates without any local knowledge appointed.

4. I so far agree with the Superintending Engineer that I consider it inadvisable to undertake too many works at one time, but he does not tell us what he does propose as to the number of works, expenditure and extent of country to be attended to by each subordinate (overseer).

5. The Superintending Engineer gives no information regarding the delay there has been in taking over the works in the estates and providing funds. The Collector told me that he had done all in his power to enable the Public Works Department to deal with the works; and, for the credit of the department, I think we should make a searching inquiry into the subject. The Superintending Engineer should be called upon to report what steps were taken in his office and by the Executive Engineer to obtain the funds required, giving the dates of the letters written on the subject in both offices. It may then be possible to discover who is to blame for a most unsatisfactory state of affairs.

From Major S. C. CLARKE, R.E., Acting Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Berhampore, 30th April 1886, No. 88 G.N.

I have the honor, with reference to your No. 1453 C., dated 9th instant, to resubmit the proposition statement called for, and beg to state that, at the request of the Executive Engineer, I have now included the requisite establishment for both the Parlákimedi and Jarada estates; the third estate (Urlám) the Executive Engineer will be able to look after himself (being close to his headquarters) with the assistance of a sub-overseer, who is on the permanent establishment.

2. I have authorised the Executive Engineer to employ as many of the old servants as may be found fit and competent, within the scale now recommended.

3. I may here remark that it has been found impossible to obtain the services of competent draftsmen (just now none are forthcoming, although there are two vacancies) to accept either permanent or temporary posts on the lower scale of salaries; so that I beg that the maximum rates of pay may be sanctioned as a special case.

4. Referring to the Chief Engineer for Irrigation's office note, No. 86, of April 1886, I beg to remark that I was aware of the fact that an establishment had been duly sanctioned some time back, but having been informed that the existing staff were very much under the required strength and not sufficiently well paid, I deemed it advisable to submit a revised establishment statement, which has now been reconsidered and altered. The total annual charge for the proposed establishment will be 10·7 per cent. on the approximate anticipated outlay, viz., Rs. 1,20,000, during the current year on the two estates. In my former report, which was wholly taken from Mr. Vincent's inspection notes, I was unable to give any detailed information regarding the several works proposed to be started, but a budget statement for these two estates has been lately submitted, wherein the proposed works are enumerated.

5. The Executive Engineer states that several of the major projects must be re-investigated and fresh estimates drawn up, for the surveys and other plans are not to be found anywhere and most of the rates are too low to allow of good work being executed.

6. I beg to forward, for perusal, the (A and B) replies I have received from the Executive Engineers of the Ganjam and Rushikulya divisions regarding the non-provision of funds and the delay in commencing the estate works.

7. From the various letters, &c., relating to these estate works in this office, I find that, after the receipt of G.O., No. 2433 W., of 19th October 1885, in this office, nothing further seems to have been done, and neither of the divisional officers appear to be able to find any orders on the subject; from which fact I must admit that this office is mainly to blame for the unsatisfactory state of affairs, and that the late Superintending Engineer must have forgotten all about the matter, for no orders were issued by him on the subject to any one.

ENCLOSURE.

PROPOSITION STATEMENT for Revision of the Establishment of the Parlâkimedi and Jarada Estates, in the Ganjam Division.

* ORDER SANCTIONING THE PRESENT ESTABLISHMENT. GOVERNMENT OF MADRAS, P.W.D.			NATURE OF CHANGE.												PROPOSITION.					
			Present Scale.					Proposed Scale.							Permanent.		Temporary.			
				Pay.						Pay.					Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
Number.	Date.	Office to which the proposition refers.	Number.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.	Number.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
				Sub-division and Overseer's Office Establishment.	RS.	RS.	RS.	RS.		*Sub-divisional Office Establishment.*	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
			1	Clerk	..	..	..	20	1	Draftsman, 2nd class, for Assistant Engineer.	..	..	50	50	..	..	12	50	..	..
				.....	..	..	..	..	1	Clerk for do. do. ..	..	..	..	40	..	..	12	40	..	..
				.....	..	..	..	..	1	Do. do. do. ..	..	..	..	20	..	..	..	..	..	..
			1	Clerk	..	..	..	15	..	.....	..	..	..	..	..	..	..	..	12	15
			5	Clerks for overseers at Rs. 15 each.	..	..	15	15	5	Clerks (one for each Overseer) ..	..	..	..	20	..	..	12	15	..	..
			1	Messenger	..	..	..	6	1	Messenger for office ..	..	..	..	6	..	..	..	..	..	..
				.....	..	..	..	..	1	Peon	..	..	..	7	..	..	12	..	..	..
			1	Surveyor	..	..	30	30	1	Surveyor	..	..	..	60	..	..	12	30	..	..
			1	Clerk	..	..	15	15		.....	..	..	..	..	..	..	..	..	12	15
			1	Office peon	..	..	6	6		.....	..	..	..	..	..	..	..	..	12	6
			2	Letter carriers, one at Rs. 6 and one at Rs. 4.	..	..	..	10	2	Letter carriers at Rs. 4 each ..	..	..	..	8	..	..	..	..	..	2
			1	Storepeon	..	..	4	4	1	Store peon	..	..	..	7	..	..	12	3	..	..
			12		..	..	..	151	12		..	..	..	258	..	..	12	145	12	38
				Petty Establishment.						*Petty Establishment.*										
			1	Storekeeper	..	..	..	25	1	Storekeeper	..	..	30	30	..	..	12	5	..	..
			6	Lascars, each at Rs. 6 ..	..	..	..	36	1	Peon for stores	..	..	7	7	..	..	..	..	..	..
				.....	..	..	..	..	2	Lascars for Assistant Engineer.	..	..	7	14	..	..	..	..	..	..
				.....	..	..	..	..	3	Do. (one for each Overseer).	..	..	6	18	..	..	12	3	..	..
			7		..	..	..	61	7		..	..	..	69	..	..	12	8	..	..
				Conservancy Establishment.						*Conservancy Establishment.*										
			1	Gumastah	..	..	20	20	1	Gumastah	..	..	20	20	..	..	..	..	..	..
			1	Head lascar	..	..	7	7	1	Head lascar	..	..	7	7	..	..	..	..	..	..
			14	Lascars at Rs. 4 each ..	..	..	56	56	14	Lascars at Rs. 4 each ..	..	..	56	56	..	..	..	..	..	..
			16		..	..	..	83	16		..	..	..	83	..	..	..	..	..	..

About 10·7 per cent. Approximate anticipated outlay during 1886-87, Rs. 1,20,000.

BERHAMPORE,
27th April 1886.

(Signed) S. C. CLARKE, Major, R.E.,
Ag. Superintending Engineer, I Circle.

18TH JUNE 1886, No. 1545 W., PUBLIC WORKS.

18TH JUNE 1886, No. 1545 W., PUBLIC WORKS.

Office note from the Examiner of Public Works Accounts, dated 31st May 1886, No. 169.

ORDER—dated 18th June 1886, No. 1545 W., Public Works.

The statement of establishment for carrying out works in the Wards' estates situated in the I Circle is sanctioned, as proposed by the Superintending Engineer, in his letter, No. 88 G.N., dated 30th April 1886, recorded above; but the provision therein made for upper subordinates has been struck out, the required temporary upper subordinates having been separately sanctioned.

2. The Government notice with dissatisfaction the delay that occurred in taking over the works in the estates and in obtaining the funds required during the past official year. The list of works proposed by the Superintending Engineer for execution during the current official year has been forwarded to the Court of Wards (through the Revenue Department) for the necessary provision of funds, and the Government trust that the Superintending Engineer will make timely arrangements for maintaining and improving the estate works satisfactorily.

3. The action taken by the Superintending Engineer in regard to the re-employment of old servants who have been in charge of estate works is approved.

4. The sanction accorded in paragraph 1 of these proceedings has been registered as Provincial, No. 24, W. of 1886-87, and classified as Establishment, Temporary.

(True Extract.)

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

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. E. Fernandes.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated June, 18*th*.

Read. *Encl.*

G.O., 18th June 1886, No. 1545 W.

JUNE.

Estate Works, I Circle

Orders on reports regarding the execution of —; sanctioning the necessary establishment; noticing the delay in arranging for the execution of the works in 1885-86, &c.

PROCEEDINGS OF THE COURT OF WARDS.

READ—again the following Proceedings of the Board of Revenue, dated 29th May 1883, Mis. No. 4392 :—

Read—the following letter from M.R.Ry. T. RAJARAM ROW, Manager, Ramnad Estate, to the Acting Collector of Madura, dated 8th January 1883, No. 5 :—

I have the honor to submit, for sanction, the two marginally-noted ayan estimates, received with supervisor's letter, No. 601, dated 29th ultimo.

No. 53—For repairing the Melathuval tank bund for Rs. 400.
No. 54—For repairing the Muthalangulam tank bund for Rs. 216.

2. Provision for these works has been made in the current year's budget list of works.

Endorsement by C. S. CROLE, Esq., Acting Collector of Madura, dated Paramakudi, 24th January 1883, No. 20.

Submitted to the Court of Wards for sanction with estimates.

Reference on the above, dated 14th February 1883.

It is observed that the estimates appear very excessive when compared with the annual revenue derived from the tanks. The Collector should report what increase of revenue is expected to result from these repairs; and, if little, whether it is worth while expending so much money on tanks yielding so poor a return.

(Signed) J. A. DAVIES,
Acting Sub-Secretary.

To the Collector of Madura.

READ—also the following letter from C. S. CROLE, Esq., Acting Collector of Madura, to the Secretary to the Court of Wards, dated 25th April 1883, No. 122 :—

With reference to Court's General Register No. 493, dated 14th February last, I have the honor to submit copy of a report from the manager of Ramnad. It will be observed therefrom that the restoration of the tanks is very desirable in the interests of the estate, as large increase of revenue would result from the same.

2. I would take this opportunity to bring to the notice of the Court of Wards the state of the irrigation works in this zemindari, and to propose measures for their improvement.

3. As reported by the manager, almost all the tanks in the estate were in a ruined condition when it came under Government management; but subsequently some large tanks only have been put in order and smaller ones, of which there are many, left to their fate for want of funds.

4. But the time is now come when we should, without the least hesitation, devote the surplus revenue to the improvement of these works. Out of the two lakhs of rupees sanctioned for maramut works in the estate, the manager had only drawn Rs. 1,50,000, which he has now repaid. But the amount has been credited to the mortgage loan instead of to the advance made by Government on account of irrigation works (with regard to the recovery of which, after the minor's majority, difficulties were apprehended)—*vide* G.O., No. 960, dated 24th June 1878, and I have requested the Accountant-General to make the necessary adjustments according to the instructions contained in the above Government Order.

5. There is nothing in the mortgage deed to preclude our applying the surplus income for the restoration of these long-neglected works. The 6th article of the mortgage deed, which provides for the repayment of the principal, is followed by a proviso that the surplus receipts can be devoted for carrying out such improvements of the zemindari as shall, in the opinion of the Court of Wards, be necessary or expedient for increasing and maintaining the income and profits of the zemindari. By virtue of this special proviso, as well as in the interests of the ryots of the estate, I would propose to postpone the repayment of the principal of the loan (a probable sum of Rs. 75,000 per annum) until all the irrigation works in the zemindari are put in order. Should this proposal meet with the Court's approval and be carried out, I am sure that the loan will be liquidated sooner, as the income of the estate will increase considerably under the improved circumstances.

ENCLOSURE No. 1.

From M.R.Ry. T. RAJARAM ROW, Manager, Ramnad Estate, to the Acting Collector of Madura, dated 25th March 1883, No. 81.

With reference to your footnote, Mis. No. 44, dated 26th ultimo, to the "reference on General Register No. 493 of 1883," I have the honor to report as follows.

	Rs.
Melathuval tank	400
Muthalangulam tank	216

2. In the reference it is observed in connection with the estimates noted in the margin "that they appear very excessive when compared with the annual revenue derived from the tanks."

3. I beg to state that in this estate almost all the tanks were in a ruined state and their bunds were hardly distinguishable from the surrounding plains, as they were lamentably neglected for a series of years. After the estate came under the management of the Court of Wards, several large tanks have been put in proper order; but, owing to the limited allotments made every year, the smaller tanks, of which there are many, have not had their share of repair. Most of these tanks are in such a bad condition that a greater portion of the cultivable area under them lies waste, and I beg your attention to the marginally-noted reports made by me.

Nos. 24 and 94 of 5th February 1882 and 19th May 1882.

4. The two estimates alluded to in the reference under reply relate to the tanks belonging to the latter class, viz., "smaller tanks neglected," and provide for their thorough restoration. In these cases, I beg to observe that the revenue actually derived at present should not be taken into account. Under these tanks only a very limited extent is cultivated in proportion to the supply of water held by them; and the crops in many cases wither, the result being generally a poor income as that entered in the estimates. It is therefore necessary, I think, that the cultivable area under such tanks, and the probable revenue to be derived from the same, should be taken into consideration.

5. In the case of Melathuval tank (estimate No. 53), the ayakat extent is sixty-eight kalams of seed-land, and when the tank is restored, not less than fifty kalams of seed-land will, I have reason to hope, be brought under cultivation in the course of two or three years, yielding an average income of Rs. 500, at 10 rupees per kalam per annum. In the case of Muthalangulam tank (estimate No. 54), the ayakat extent is twenty-three kalams of seed-land. Not less than twenty kalams will be cultivated when the tank is restored, yielding an average income of Rs. 200 per annum. The average extent of cultivation at present under the two tanks is sixteen and five kalams of seed-land, respectively.

6. In these circumstances, I beg to state that the restoration of the tanks is very desirable in the interests of the estate, as large increase of revenue would result from the same; and the sum of money to be spent on them would be recouped in the course of two or three years.

Resolution—dated 29th May 1883, Mis. No. 4392.

In the circumstances now reported the Court sanction the estimates for the repairs of the bund of Melathuval tank and Muthalangulam tank, amounting to Rs. 400 and Rs. 216, respectively. When estimates for irrigation works are submitted in future, full information should be furnished as to the condition of the work and the probable increase of revenue which may be expected by the improvement.

2. Referring to paragraphs 4 and 5 of the Collector's letter, while the Court agree that remunerative repairs to irrigation works should be pushed on, they observe that

a sum of Rs. 4,55,328 appears to have been spent within the past nine years for the repair of irrigation works as shown below:—

Year.	Actually expended. Rs.
1283	29,209
1284	29,675
1285	89,687
1286	93,243
1287	61,594
1288	1,09,122
1289	43,644
1290	22,286
1291	26,878

A full report should be submitted showing the number of works already repaired, the amount expended on each, and the increase of revenue which has resulted there-from, with remarks on such items as may require explanation. Works repaired from the amount ($1\frac{1}{2}$ lakhs) drawn out of the loan of two lakhs sanctioned in G.O., dated 24th June 1878, No. 960, should be included, and it should be explained why the balance of Rs. 50,000 was not drawn and utilized.

(True Copies and Extract.)

(Signed) J. A. DAVIES,
Acting Sub-Secretary.

To the Collector of Madura, with two estimates returned.

READ—also the following letter from C. S. CROLE, Esq., Acting Collector of Madura, to the Secretary to the Court of Wards, dated 26th November 1883, No. 373:—

With reference to the Proceedings of the Court of Wards, Mis. No. 4392, dated 29th May 1883, I have the honor to submit copy of the report (with statements in original) received from the Honorary Deputy Collector and Manager of Ramnad, and to state that I have nothing to add to it as it furnishes all available information on the various points on which the Court have called for a detailed report.

2. I am about to submit a report on the maramut works of the Gandamanáyakanúr estate, which will show the necessity for reverting to the old practice of having the estimates of all estate works scrutinized by the Imperial Public Works department officers and of having the works finally passed by them. The works in the Ramnad estate are executed by the overseers and supervised by a native supervisor of ordinary ability, but it is impossible either for the manager or the Collector to exercise that efficient supervision over them that a Public Works department officer of experience would. It is very desirable that the Superintending Engineer of the division should have general control over the estate works and propose such arrangements as may be necessary for the close examination of the estimates and final supervision of the works executed by the estate staff. I beg, therefore, that Government be moved to sanction the system on condition that such contribution as may be fixed by them be paid from the funds of the estate for the additional work which the Imperial staff may have to perform.

ENCLOSURE No. 1.

From M.R.Ry. T. RAJARAM ROW, Honorary Deputy Collector and Manager, Ramnad Estate, to the Acting Collector of Madura, dated Pámban, 22nd October 1883, No. 272.

With reference to your endorsement, Mis. No. 131, dated 1st June last, on the Proceedings of the Court of Wards, Mis. No. 4392, dated 29th May, I have the honor to report as follows.

2. In the above proceedings the Court desire to have a full report showing the number of irrigation works repaired within the past nine years from fasli 1283 to 1291, the amount expended on each, and the increase of revenue which has resulted therefrom; and they further require explanation why the balance of Rs. 50,000 out of the loan of two lakhs sanctioned in G.O., dated 24th June 1878, No. 960, was not drawn and utilized.

3. Before proceeding at once to notice the points on which information has thus been called for by the Court, I beg permission to give some general idea of the means and the system of irrigation, the distribution of the irrigation works, their condition, seasons, &c., because the circumstances appear to me to be of great importance in connection with the improvements of the irrigation sources of the estate.

4. The estate of Ramnad comprises 1,001-10-0 ayan villages under the direct management of the zemindar, and the tanks belonging to them are 1,215 in number; the ayacut extent of lands classed as "wet" under these tanks being Acres 80,271 with cultivation of Acres 44,975, or 56 per cent. in the highest year, fasli 1285.

5. I beg to append a talukwar statement showing the number of tanks in each taluk, the irrigable area, cultivation, waste, &c.:—

Taluks.	Number of tanks.	Irrigable area.	Cultivation.	Waste.	Percentage of waste on irrigable area.
		ACS.	ACS.	ACS.	
1. Ramnad	67	12,698	5,839	6,859	50
2. Mutukulatúr	192	16,699	8,745	7,954	48
3. Kamuti	332	16,366	8,299	8,067	49
4. Pallimadam	136	6,181	3,130	3,042	49
5. Rajasingamangalam	191	15,372	11,615	3,757	24
6. Hanumantagudi	297	12,955	7,338	5,617	43
Total ...	1,215	80,271	44,975	35,296	44

6. It will be observed that the number of tanks fed by the river and jungle streams is greater than that of the tanks dependent on the falling rains.

7. The names of the rivers and the streams which feed the estate tanks are given below:—

1. Vaigai.
2. Regunathakavari or Gundár.
3. Narayana Cávairi.
4. Gritamalai.
5. Kottakarai.
6. Verusali.
7. Pámbar.
8. Thenar.
9. Manimuktár.
10. Vellár.

8. Of these ten, only two are worth noticing, viz., the Vaigai and Regunathakavari. The Vaigai enters the estate in the Vendóni division of the Mutukulatúr taluk and empties itself into the Peresoommoi, a large tank near Ramnad. As a rule, the bed of this river is all but dry during by far the greater portion of the year at Madura, a hundred miles or so from its mouth, and dry all the year round at Ramnad; so irregular, indeed, are its periodical fillings, that they can never be predicted with any certainty or relied upon with any safety. The Regunathakavari or Gundár is next to this in importance, entering the Pallimadam taluk at Vayyampatti and finishing its career in the Kalari tank. This river was recently put in order, and the sluices and channels leading from it to the tanks dependent on it were placed in good repair at a cost of Rs. 1,09,864.

9. I beg to show below the names of the important tanks fed by the above rivers and jungle streams, with particulars as to their irrigable ayacut, cultivation, waste, &c.:—

Names of tanks.	Irrigable area excluding poramboke, &c.	Cultivation, fasli 1285.	Waste.	Percentage of waste on the irrigable area.
	ACS.	ACS.	ACS.	
1. Rajasingamangalam	4,766	3,989	777	16
2. Peresoommoi	3,253	1,973	1,280	39
3. Chackarakottai	1,317	627	690	52
4. Kalari	1,583	413	1,170	74
5. Abiramam	1,187	709	478	40
6. Saligramam	1,938	953	985	51
7. Anaikulam	949	866	83	9
8. Sickal	770	615	155	20
9. Mutukulatúr	1,184	699	485	41
10. Kiliyúr	472	176	296	63

10. From my inquiries and personal inspection, and from the few papers I have been able to collect throwing light on the irrigation system of Ramnad, I find that several large tanks fed by the river and jungle streams supply water to numerous smaller tanks below them and they are thus not only useful as reservoirs of water required for the irrigation of the lands under them, but also as feeders to a number of other tanks contributing largely to the estate revenue from wet lands, and that the drainage of nunjah lands under many large tanks also supplement the supply of the adjoining tanks.

11. The estate was a bone of contention for about half a century and suffered from a series of years of mismanagement by the zemindar's manager and from a succession of bad years. The irrigation works upon the estate were so lamentably neglected that several tanks are almost entirely silted up and their bunds hardly distinguishable from the surrounding plains, and many are in such bad repair that not more than half of the lands under them can be supplied with water. It is said that no proper attention was paid to the upkeep of these tanks for a period of about fifty years from fasli 1233 to 1282, when the estate came under wardship, and that, in fasli 1233, one Narayana Row, the then manager of the estate, under the management of the Government, executed the necessary repairs to them.

12. I need, therefore, hardly say that the large extent of lands lying waste under several tanks is partly due to their bad condition, though the barrenness of this part of the country is also a cause of the large waste. The seasons with Ramnad are peculiarly precarious, and the estate is not generally much benefited by the south-west monsoon which usually enables the Government ryots to plough and sow the dry lands, while the rain-falls during the north-east monsoon are not timely and are either appreciably deficient or injuriously abundant. The river Vaigai, which is the main source of irrigation of the estate, hardly feeds the Ramnad tanks in ordinary seasons, while in very good seasons, it damages them by unmanageably high freshes.

13. It may not be out of place to observe here that during the period of ten years, from fasli 1283 to 1292, that the estate has been under the management of the Court of Wards, the only year fasli 1285 was a good one for agriculture in all respects, while there was a serious famine in fasli 1286 and destructive floods and rains in faslis 1287, 1290 and 1292, which nearly destroyed a number of tanks, thereby causing a great loss to the estate. The parts of the estate which suffered most were the three southern taluks and a portion of the Ramnad taluk.

14. Since the estate came under wardship, a considerable sum of money has been spent on repairs and improvements to a number of large river-fed tanks and the river Regunatha Kaveri, an important source of irrigation in the southern portion of the estate. The following statement shows the expenditure on the irrigation works, extent of wet cultivation, and the revenue derived from it from faslis 1283 to 1291:—

Fasli.	Amount of expenditure.	Wet cultivation.	Revenue derived from nunjah lands.	Percentage of expenditure on the nunjah revenue.	Remarks.
	RS.	ACRES.	RS.		
1283	29,209	29,629	1,66,139	17	
1284	29,676	36,661	2,73,166	11	
1285	29,687	45,662	3,25,215	12	
1286	93,233	27,739	1,19,971	77	Famine relief works executed to a large extent.
1287	61,594	35,507	3,09,173	20	
1288	1,09,122	31,567	1,93,738	56	Emergent repairs for closing breaches caused by the floods of fasli 1287.
1289	43,644	38,484	3,21,412	14	
1290	22,266	41,611	3,28,919	8	
1291	26,878	34,801	2,66,873	10	
Total ..	4,55,328	321,681	22,94,606	20	

15. Out of the amount of expenditure entered in the above statement, Rs. 4,55,328, Rs. 1,65,633, or more than one-third, were spent on emergent repairs and for closing breaches just to restore the damaged tanks to their former condition and keep up the existing revenue, and the remainder, Rs. 2,89,695, on ordinary repairs and improvements (including the sum of Rs. 1,09,864 laid out on the improvement of the Regunatha Kaveri) apparently with the expectation of an increase in the revenue. I beg to enclose herein six statements, marked A-1 to A-6, showing the amount of emergent expenditure on each tank breached and otherwise damaged by the floods, &c., during a period of nine years from fasli 1283 to 1291, and also statements B-1 to B-6 showing the expenditure on ordinary repairs and improvements on each of some other tanks. In the former statements A-1 to A-6 relating to the breached tanks, information as to the irrigable area and cultivation for the last fasli under each tank is given: with respect to the other group of the tanks which were either repaired or improved with expectation of an increase in the revenue, I tried to give, for purposes of comparison, full details as to the cultivation and revenue under each tank from the beginning of our management to fasli 1291; but the requisite information was not available in many cases as the accounts of some years have been filed in the courts in

certain suits, and some accounts are with the cowledars who had the lease of certain villages, which have since reverted to the Ayen. I have, however, furnished in the statements B-1 to B-6 as much information on the points as I was able to collect. There are 1,215 tanks in the amáni villages of the estate, as I have stated above, and you will see from the above statements that ordinary repairs or improvements were made only to 103 tanks, or less than one-tenth of the total number, up to fasli 1291, while emergent repairs were executed to 499 tanks, and the remaining 613 tanks have had no repairs of any kind for a long time.

16. Even many of the tanks which had improvements have unfortunately lost them as they were subsequently breached by floods and rains and a large sum was spent for repairing and putting them in order. For instance, in the case of Chuckarakóttai tank, expenditure on ordinary repairs and improvements was Rs. 5,382 in fasli 1286, while the money spent for closing breaches and on emergent repairs was Rs. 8,017 in faslis 1287, 1288, 1289, 1290 and 1291.

17. Many of the tanks of the estate are surrounded by those of the private individuals, such as inamdars and cowledars, and those belonging to the Sivaganga zemindari, the estate of the late Ponnusawmi Tever, Ramèswaram devastánam, and the Government taluk of Tirumangalam; consequently, the safety of our tanks depends on the condition of those tanks to some extent. I may mention here the instance which has lately fallen under my observation. On the 10th May last, the Seval Commoy of Kovilungalam, Tirumangalam taluk, was breached and the water found its way to the Kattangudi, belonging to Ponnusvami Tever's estate which gave way. In like manner, eleven tanks below them were burst and the enormous quantity of water which escaped through the breaches have broken the tank and channel of the Tirushuli temple which were completely placed in good order in the last year.

18. Considering the peculiar character of the seasons in the estate and the position of the irrigation works, I do not consider that the expenditure of Rs. 4,55,328 incurred in the repairs during a period of nine years is excessive.

19. There are still several works, large and small, requiring early attention. With a view to submit proposals for the improvements of the tanks and channels in the southern portion, I personally inspected, between April and May, as I have stated in paragraph 45 of my Administration report, many works and the Narayana Kaveri, which has been entirely silted up, and have called for the necessary statistics regarding them. I will lose no time in submitting a full report on the same as soon as the required information is received. There are several small tanks requiring repairs, which may be profitably put in order at a small expense varying from Rs. 100 to 500. In September 1882 the ryots of Tiruvathiyendal and Thurumban villages, in Kamuti taluk, appeared before me and applied for repairs to their small tanks and volunteered to do a portion of the work as kudimarammut. Estimates were immediately framed and the works orderd to be executed at once. The tanks were accordingly repaired and put in order without delay. The subjoined statement will show the gratifying effect of the works, as it will be seen that 10 acres of longstanding waste were brought under plough in the last fasli, yielding a revenue of Rs. 94-11-1, and that Rs. 14-2-1 more than the actual cost was obtained as a clear profit to the estate in the first year.

Villages.	Ayacut extent.	Expenditure on repair.	Kudimaramut.	Total work done.	Cultivation.	Revenue.
	ACS. C.	RS. A. P.	RS. A. P.	RS. A. P.	ACS. C.	RS. A. P.
Tiruvathiyendal	24 78	60 9 0	5 15 3	66 8 3	8 45	71 0 6
Thurumban	23 60	20 0 0	3 8 0	23 8 0	1 65	23 13 7
Total ..	48 38	80 9 0	9 7 3	90 0 3	10 0	94 11 1

20. I am sorry that I have not been able to furnish in this report, as I wished to do, interesting details as to the area, cultivation, revenue, &c., under the influence of each of the rivers and jungle streams, with particulars as to the maramмut expenditure connected with the same during a series of years. The information has not yet been received from some of the taluks while that obtained from others was not satisfactory. But I cannot blame the taluk officials for this, because their attention is mainly engaged in the supervision of harvest, which has been unusually long this year, and in the prompt closure of breaches caused by the heavy rains and freshes of May last.

1. Special Assistant Collector's letter to Collector, No. 233, dated 26th October 1879.
2. Special Assistant Collector's letter to Collector, No. 238, dated 27th October 1879.
3. Special Assistant Collector's letter to Collector, No. 88, dated 7th June 1880.

21. The balance of Rs. 50,000 out of the loan of two lakhs, sanctioned in G.O., dated 24th June 1878, No. 960, was not drawn as it was not then required and the estate finances were in a state to meet its ordinary maramмut expenditure (*vide* the correspondence noted in the margin).

ENCLOSURE No. 2.—Statement.

RESOLUTION—dated 14th January 1884, No. 96.

The Court called for details of the expenditure of Rs. 4,55,328-7-9 upon irrigation works in the Ramnad Estate during faslis 1283 to 1291 inclusive.

2. The manager's report shows that there are in the estate 1215 tanks, of which the greater part receive their supply from jungle streams and the rest from local rain-fall. 499 tanks received emergent repairs at a cost of Rs. 1,65,633, and 103 tanks received ordinary repairs at a cost of Rs. 2,80,695, while 613 tanks received no repairs. Rs. 1,09,864 was spent upon the improvement of the Gundar river known also as the Regunatha Kaveri.

3. The detailed statements of this expenditure which are given by the manager are not sufficient to satisfy the Court that the money has been spent to good purpose. Without local knowledge it is difficult to give their proper value to the statistics submitted and the letters of the manager and Collector do not illustrate these statistics as they might have done.

4. Rupees 1,09,864 has been spent on the Regunatha Kaveri, but it is not stated what works were executed for this amount or what tanks or channels receive supply from this source.

5. Among the numerous tanks the Court select, as a specimen, one, the Ramnad large tank. In statement B-1, the manager shows the expenditure as Rs. 14,013-10-6, but statement A-1 shows an expenditure of Rs. 6,253-2-6 upon this irrigation source, so the total expenditure is Rs. 20,266-13-0. The manager shows that the average receipts in the three faslis before the repairs were Rs. 8,259-14-6, as shown in the margin, and that the average receipts in the three faslis following the repairs were Rs. 12,820-10-7, and so claims an increase of revenue amounting to Rs. 4,560-12-1, but the Court consider that this deduction from the figures is average of receipts before the repairs is obtained from the figures of three faslis only, viz., 1285, 1286 and 1287, of which fasli 1286 was a famine year when the revenue was only Rs. 535, whereas if the average of the seven faslis from 1282 to 1288 is taken after leaving out the figures for faslis 1283 and 1286, when the revenue was most abnormally low, the result is an average of Rs. 12,558-13-2, as shown below.

	Rs.	A.	P.	
Fasli 1285	7,273	3	10	
„ 1286	533	8	6	
„ 1287	16,970	15	1	
	3)24,779	11	5	
	8,259	14	5	

	Rs.	A.	P.	
	3,808	1	10	
Fasli 1282	290	10	1	(omit)
„ 1283	12,819	12	6	
„ 1284	7,273	3	10	
„ 1285	535	8	6	(omit)
„ 1286	16,970	15	1	
„ 1287	21,922	0	11	
„ 1288				
	5)1,62,794	2	2	
	12,558	13	2	

The figures thus treated show only an increase of Rs. 261 in average revenue as the result of the expenditure incurred.

6. Many other items are open to similar criticism, and the figures do not convince the Court that the expenditure has resulted in any material increase of revenue to the estate.

7. In paragraph 14 of his letter, the manager shows the revenue derived each year from irrigated lands. The Court note that in fasli 1285 it was as high as Rs. 3,25,215, and that in fasli 1291 it was only Rs. 2,56,873, in spite of all the outlay incurred in the interval.

8. The expenditure upon irrigation works in fasli 1292 was Rs. 39,450, and that sanctioned in the present fasli amounts to Rs. 1,04,969.

9. These large sums are expended by overseers, who are controlled by a native supervisor. The Court strongly support the suggestion of the Collector, in paragraph 2 of his letter, that the estimates of all estate works should be scrutinized by the Imperial Public Works Department officers, and the works on completion examined and passed by them, the Superintending Engineer of the division having general control over all estate works in his division, under the Court of Wards.

10. In a former Proceedings, No. 3875, dated 20th December 1883, when disposing of the Collector's promised report on the Gandamanáyakanur Estate works, the Court made a somewhat similar proposal. But if both proposals are negatived by Government, the Court beg that a special Public Works officer may be placed at their disposal for employment in the Madura District for the purpose of supervising works and checking expenditure on them in the large estates under their care.

(True Copies and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department,
with copy of Board's Proceedings, dated
20th December 1883, No. 3875.

Copy to the Collector of Madura.

" " Secretary to Government, Revenue Department,
with one original enclosure to be returned.

Exd. E. Fernandez.

8

PUBLIC WORKS DEPARTMENT.

1884.

Court of Wards,

MADRAS.

Printed January 28th.

Proceedings, 14th Janurry 1884, *No.* 96.

Passing orders on letter from the Collector of Madura regarding expenditure on *irrigation works in Ramnad Estate*, supporting the proposal of the Collector regarding all *estate works* being supervised by the Imperial Public Works Department, and requesting Govern-ment to place at the disposal of the Court a special Public Works Department officer for employment in the Madura District, for such purpose.

9-

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Proceedings of the Court of Wards, dated Madras, 14th January 1884, No. 96.

ORDER—dated 13th February 1884, No. 387 W., Public Works.

In paragraph 9 of their Proceedings quoted above, the Court of Wards recommend that estimates of all estate works should in future be scrutinised by officers of the Public Works Department, and that the works on completion should be examined and passed by them, the Superintending Engineer of the circle having a general control over all estate works within his charge. In consideration of the duty thus imposed on the Public Works establishments, it is suggested that a contribution be paid by the funds of the estates whose works are supervised.

2. A somewhat similar proposal was made by the Court in their Proceedings of the 20th December 1883, No. 3875.

3. Before a decision is come to, however, it is desirable that the Government should be furnished with a list of the estates which will be affected, together with a statement of the works that will probably have to be dealt with, the annual expenditure that is likely to be incurred, and the staff and pay of subordinates at present employed.

4. The Court of Wards will accordingly be called on, in the Revenue Department, to furnish the required information.

(True Extract.)

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

To the Revenue Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras

PUBLIC WORKS.

Dated February, 13th.

Read. *Encl.*

G.O., 13th Feb. 1884, No. 387 W.

FEBRUARY.

Estate Works

Passing orders on the proposals of the Court of Wards recommending that estimates of all — should in future be scrutinised by the officers of the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper :—

Proceedings of the Court of Wards, dated 25th March 1884, Mis. No. 2724.

Read—G.O., dated 22nd February 1884, Mis. No. 858, Revenue.

Resolution—dated 25th March 1884, Mis. No. 2724.

The appended statement A shows the amounts allotted for works in the 36 estates now under the Court of Wards in the present fasli 1293. These are principally irrigation works but include buildings and communications. Statement B shows the works under execution in the Ganjam district, and statements C and D, those in the Ramnad and Gandamanáyakanúr estates of the Madura district.

2. The Court maintains a permanent establishment in four estates only, viz. :—

	Annual Cost. Rs.
Parlákimedi	18,298
Kangundi	450
Ramnad	5,982
Gandamanáyakanúr	1,692

3. In the other estates the works are executed by petty establishment and no details of the works are in the Court's office.

(True Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

ENCLOSURE.
A

STATEMENT showing the Allotments for Maramut Works to be carried out in the Estates under the Court's Management during Fasli 1293.

Districts.	Names of the Estates.	Allotments for Maramut Works including Establishment Charges for Fasli 1293 as per Budget.
		Rs.
Ganjam	1. Parlákimedi	1,42,100
	2. Chinnakimedi	14,657
	3. Urlam	11,003
	4. Járada	2,823
	5. Merangi	5,500
	6. Pondúr Mullavaram	225
	7. Mádagula	...
Vizagapatam ...	8. Chidicada Jagannáthapuram	1,600
	9. Sripuram	3,100
	10. Chipurupalle	750
	11. Lakkavaram	3,865
Godávari ...	12. Kapileswarapuram and Kesanakurru	900
Cuddapah	13. Chittecherla	734
Chingleput	14. Soranjeri	1,100
North Arcot	15. Kangundi	18,024

Statement showing the Allotments for Maramut Works to be carried out in the Estates under the Court's Management during Fasli 1293—*cont.*

Districts.	Names of the Estates.	Allotments for Maramut Works including Establishment Charges for Fasli 1293 as per Budget.
		RS.
Tanjore	16. Ukkadai	550
	17. Velanganni	20
	18. Gandharvakóta	600
	19. Vadapatrimangalum	3,849
	20. Alúngudichori	400
	21. Mathur	300
	22. Papanad	820
Trichinopoly ...	23. Nangaveram	700
	24. Peramur	...
Madura	25. Ramnad	56,512
	26. Do. Devastanam	30,300
	27. Do. Chuttrums, Durmamaymai	15,200
	28. Gandamanáyakanúr	26,900
	29. Vadagarai	1,350
Tinnevelly	30. M. Dalavoi Komarasami Moodeliar	1,350
Coimbatore	31. Paravipolayam	20
Salem	32. Erumaipatti	500
	33. Shuligiri	776
South Canara	34. B. Survathama Row	302
Malabar	35. Kavalpara	13,659
	36. Mangara	251
	Total ...	3,60,740

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

Mis. No. 1456, Revenue.

Transferred to the Public Works Department, with reference to the order in that department, dated 13th February 1884, No. 387 W., paragraph 4.

FORT ST. GEORGE,
2nd April 1884.

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

ORDER—dated 28th April 1884, No. 1067 W., Public Works.

With their proceedings recorded above, the Court of Wards submit the information called for in paragraph 3 of G.O., No. 387 W., dated 13th February 1884, in respect to the works under their management.

2. The Court recommended, in their proceedings of the 14th January 1884, No. 96, that the estimates of all estate works should be scrutinised by officers of the Public Works Department, and that the works, on completion, should be examined and passed by them, the Superintending Engineer of the circle having a general control over all estate works within his charge. The actual execution of the works would, it is understood, still remain in the hands of the servants of the Court of Wards, subject only to the "general control" of the Superintending Engineer.

3. The responsibility under such an arrangement would, the Government consider, be somewhat divided. It would be simpler if the works were handed over entirely to the Public Works Department, and the engineering establishment of the Court of Wards placed under the orders of the Executive Engineer or other officer intrusted

with supervision. A contribution of 23 per cent. on outlay might be paid for full professional services, the pay of Court of Wards' subordinate establishments being, however, allowed as a deduction from this contribution. The Superintending Engineer would, under this arrangement, regulate the strength of the subordinate establishment in each case.

4. The Court of Wards will be requested, in the Revenue Department, to state whether they are prepared to accept these proposals.

(True Extract.)

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

To the Revenue Department, with six original statements.
To Superintending Engineers, } with copy of G.O., No. 387 W.,
To the Examiner, Public Works Accounts, } dated 13th February 1884.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated April, 28th.

Recd. *Encl.*

G.O., 28th April 1884, No. 1067 W.

APRIL.

Estates under the Court of Wards

Suggesting, for the consideration of the Court, certain arrangements for the execution of works in —.

12

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

Proceedings of the Court of Wards, dated 4th June 1884, No. 1866.

Read—G.O., dated 14th May 1884, No. 2034, Revenue.

Resolution—dated 4th June 1884, No. 1866.

The Court of Wards accept the proposal made by Government.

2. The works on estates under the Court will be placed under the Public Works Department, and a contribution of 23 per cent. upon the outlay will be paid to Government.

3. The Superintending Engineer will regulate the strength of the subordinate establishment to be entertained by any estate, and this establishment will be under his orders. The cost of this subordinate establishment will be deducted from the contribution of 23 per cent. on outlay payable to Government.

4. The Court beg to represent that the Public Works Department staff will require some addition in the Ganjam and Madura districts.

(True Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

Mis. No. 2487, Revenue.

Transferred to the Public Works Department, with reference to the order in that Department, dated 28th April 1884, No. 1067 W.

OOTACAMUND,
13th June 1884.

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

ORDER—dated 18th June 1884, No. 1523 W., Public Works.

Communicated to Superintending Engineers for information and guidance, with reference to G.O., No. 1067 W., dated 28th April 1884.

2. The Examiner, Public Works Accounts, will issue such subsidiary instructions, in regard to accounts, as may be needed to give effect to the arrangements approved by Government.

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Revenue Department.

Exd. E. Fernandez.

Spare Copies

GENERAL.
ESTABLISHMENT.

Gobt. of {1884} Madras.

PUBLIC WORKS.

Dated June, 18th.

Recd. *Encl.*

G.O., 18th June 1884, No. 1523 W.

JUNE.

Works in Estates under the Court of Wards

The Court's approval of the proposals Government for the execution of —, communicated to Superintending Engineers.

13

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

Proceedings of the Court of Wards, dated 2nd September 1884, No. 3063.

Read—the following letter from Lieut.-Colonel H. R. MEAD, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 25th July 1884, No. 652 T.J. :—

With reference to G.O., No. 1523 W., dated 18th June 1884, ordering that works in estates under the Court of Wards be placed under this department, I have the honor to point out that, as paragraph 2 of the resolution of the Court of Wards No. 1866 directs the subordinate establishment employed on any estate to be under the orders of the Superintending Engineer, I suppose it is intended that *all the work* in each estate shall be carried out by this department, and as paragraph 2 of G.O. No. 1523 W. orders the Examiner to issue instructions with regard to accounts, I presume that Government intend that all the works should be carried out under code rules. If this is the case, I have to point out that for the estates of Ramnad and Gandamanáyakanúr, very heavy establishments will be necessary, and, in fact, it will be necessary for a new division and sub-division to be formed for these two estates, as it will be impossible for the Executive Engineer, Madura, to carry on all the works in the estates and his present division.

2. I venture to suggest that this should not be done.

In the Government districts, it has been thought right to relieve the department of all charge of what are called minor irrigation works (as a rule works irrigating less than 200 acres are called minor) and of all repairs to buildings and other works the cost of which is less than Rs. 1,000. I would propose that the same course should be adopted with regard to works in estates under the Court of Wards ; that the Collector should, through his managers, carry out all repairs to irrigation works that may be, by him and the Superintending Engineer, classed as minor, and also execute all repairs to buildings, &c., the estimated cost of which should be less than Rs. 1,000 ; that for this he should be given a small establishment, and, of course, be allowed to call on this department for advice when necessary. The execution of work, however, will be chiefly done through the Revenue establishments in the estates, as is done with regard to similar works in the Government districts. Of course, any work that the Collector and Superintending Engineer considered advisable to be carried out by the Public Works Department would be so carried out.

With regard to the larger irrigation works and important repairs, they will be done under code rules by this department.

3. I think the following facts as regards Ramnad zemindari, which have been kindly given to me by Honorary Deputy Collector Raja Ram Row, manager of the estate, will show that some arrangement, as above sketched out, will be necessary :—

Ramnad has an area of 2,361 square miles. There are in it 1,281 tanks. Of these, 922 belong to the estate proper, 315 to devastanam, and 44 to chattram funds. Of these—

64	irrigate	over	500	acres.		
138	,,	,,	200	and under	500	acres.
234	,,	,,	100	,,	200	,,
290	,,	,,	50	,,	100	,,
555	,,	under	50	acres.		

These tanks, as a rule, get a very short supply, but are liable to serious injury when the rainfall is heavy.

The repair allotment for the estate of this official year is Rs. 95,300, of which probably about Rs. 8,000 is for buildings, the remainder for irrigation.

In 1882-83, the expenditure on irrigation repairs was only Rs. 27,478; it is, however, notorious that this sum was not sufficient to keep the works in proper repair. Many of them, I am informed, require extensive repair. For a short time prior to 1880, there was a special establishment costing Rs. 833-8-0 a-month, or Rs. 10,002 a-year; it consisted of one engineer, on Rs. 470, two overseers, two sub-overseers and an office establishment.

There is now an establishment costing Rs. 6,252 a-year; it consists of one supervisor, Rs. 150, two overseers, two sub-overseers and the same office establishment as before. The repairs to buildings include repairs to chattrams, &c.

4. If the proposal made in paragraph 2 of this letter is adopted, I would suggest the following establishment for Ramnad :—

Public Works Department.

One sub-officer under the Executive Engineer, Madura, with establishment and one extra draftsman.

Two overseers with establishment.

Under the Manager of the Estate.

Four sub-overseers and four lascars.

Two clerks in the manager's office.

For Gandamanáyakanúr.

One supervisor under the sub-officer of Dindigul, with ordinary establishment.

One extra clerk in the sub-division office.

Under Manager.

One or two sub-overseers.

The executive office in Madura should be raised from third class to second class. Of course, if any extensive works are taken up in either of the estates, the establishment will be increased. With regard to Tanjore and Trichinopoly, probably an extra overseer may be required in Tanjore and perhaps a maistry in each district under the Collectors.

5. I am sending a copy of this letter to the Collector of Madura, in order that his opinion on the proposal may be sent in.

No. 428 E., Public Works.

Referred, through the Revenue Department, to the Court of Wards for favor of early remarks.

OOTACAMUND, 4th August 1884.

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

Mis. No. 3572, Revenue.

Forwarded accordingly.

OOTACAMUND, 18th August 1884.

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

Resolution—dated 2nd September 1884, No. 3063.

The Court of Wards have no objection to minor irrigation works and repairs costing less than Rs. 1,000 being left to the Collectors in the smaller estates scattered

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over the Presidency, but they do strongly object to any such arrangement as regards the Ramnad estate.

2. It was the state of affairs in Ramnad shown in Board's proceedings, No. 96, dated 14th January 1884, that particularly led the Court to ask for the assistance of the Department of Public Works. Very large sums of their ward's money are being spent on the small irrigation works described by Colonel Mead, and the Court are not satisfied that the money is well spent. The larger and smaller tanks in Ramnad are, it is believed, intermingled together, and it does not appear to be advisable to have two establishments going over the same ground. The Court, therefore, trust that the Superintending Engineer will be directed to take over all the works in the Ramnad estate.

(True Copies and Extract.)

(Signed) G. MACKENZIE, Acting Sub-Secretary.

To the Secretary to Government, Revenue Department.

Mis. No. 4103, Revenue.

Transferred to the Public Works Department.

OOTACAMUND, 17th September 1884.

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

Proceedings of the Court of Wards, dated 5th September 1884, No. 3121.
Endorsement in the Revenue Department, dated 30th September 1884, No. 4261.

From Lieutenant-Colonel P. MONTGOMERIE, R.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 24th September 1884, No. 230 G.L. :—

With reference to your memorandum, No. 1161 D., dated 26th June 1884, I have the honor to forward, herewith, a statement showing the additional establishment required in the Ganjam, Vizagapatam and Godávari districts on account of the transfer of works on Wards' estates to the Public Works Department.

2. The proposed allotments for expenditure on works of the different estates in the Ganjam district during the fasli 1294 (from 6th July 1884 to 30th June 1885) according to the budget lists furnished to me by the Collector, amount to Rs. 2,30,991, and the contribution to be paid to Government at 23 per cent. upon the outlay will be Rs. 53,130. The cost of additional establishment required in the circle office and in the Ganjam division amounts to Rs. 14,298.

3. The two additional clerks applied for for the Superintending Engineer's office are absolutely necessary as the work in the office has already been greatly increased since the formation of the Godávari Central and Rushikulya divisions.

4. I have not yet received the budget lists of works for the fasli 1294 from the Collectors of Vizagapatam and Godávari, but taking the allotments for works the same as those for last fasli (*vide* statement printed with G.O., No. 1067 W., of 28th April 1884) I have applied for one temporary overseer, 3rd grade, for five months * for each of these districts for employment on estate works.

* From November 1884 to 31st March 1885.

5. The formation of sub-divisions in the Ganjam division will be reported hereafter.

ENCLOSURE.

I CIRCLE.

STATEMENT showing the additional establishment required in the Ganjam, Vizagapatam and Godávari districts on account of the transfer of works on Wards' estates to the Public Works Department.

Order sanctioning present Establishment, Government of Madras.		Office to which the proposition refers.	Nature of Change.												Proposition.					
			Present Scale.					Proposed Scale.							Permanent.		Temporary.			
															Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
					Pay.					Pay.										
No.	Date.		No.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.	No.	Designation.	Minimum.	Increment.	Maximum.	Fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
											Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
G.Os., No. 1729 W., and No. 3211 W.	14th July 1881 and 6th December 1882.	Superintending Engineer's Office, I Circle.								Superintending Engineer's Office.										
									1	Clerk	..	..	..	30	..	..	..	30	..	..
									1	Do.	..	..	..	20	..	..	..	20	..	..
										Total per month ..	..	..	..	50	..	..	..	50	..	..
										Total per year ..	..	..	..	600	..	..	..	600	..	..
										Ganjam Division.										
										Engineer Establishment.										
									1	Assistant Engineer	..	..	..	450	..	..	..	450	..	..
										Upper Subordinates.										
									1	Overseer	..	..	..	80	..	..	..	80	..	..
										Petty Establishment.										
									1	Storekeeper	..	..	..	25	..	..	..	25	..	..
									4	Lascars at Rs. 6 each	..	..	..	24	..	..	..	24	..	..
										Conservancy Establishment.										
									1	Head lascar at Rs. 7	..	..	..	7	..	..	..	7	..	..
									12	Lascars at Rs. 4 each	..	..	..	48	..	..	..	48	..	..
										Office Establishment.										
										1st Class Division Establishment.										
									1	Clerk	..	..	..	60	..	..	..	60	..	..
									1	Do.	..	..	..	40	..	..	..	40	..	..
									1	Draftsman	..	..	..	35	..	..	..	35	..	..
										Sub-Divisional Establishment for three Sub-Divisions.										
									1	Clerk	..	..	..	23	..	..	..	20	..	..
									1	Do.	..	..	..	15	..	..	..	15	..	..
									1	Messenger at Rs. 6	..	..	..	..	..	..	..	6	..	..
										Overseer's Establishment for five Overseers.										
									1	Clerk	..	..	..	15	..	..	..	15	..	..
										Total ..	..	..	..	..	..	..	..	825	..	..
										Travelling allowance ..	..	..	..	..	..	..	..	300	..	..
										Contingencies ..	..	..	..	..	..	..	..	44	..	..
										Total per month ..	..	..	..	..	..	..	..	1,169	..	..
										Total per year ..	..	..	..	..	..	..	..	14,028	..	..
										Vizagapatam Division.										
										Upper Subordinates.										
									1	Overseer	..	..	..	60	..	..	..	60	..	..
										Travelling allowance	..	..	..	45	..	..	..	45	..	..
										Total per month ..	..	..	..	..	..	..	..	105	..	..
										Total per year ..	..	..	..	..	..	..	..	1,260	..	..
										Godavari District.										
										Upper Subordinates.										
									1	Overseer	..	..	..	60	..	..	..	60	..	..
										Travelling allowance	..	..	..	45	..	..	..	45	..	..
										Total per month ..	..	..	..	..	..	..	..	105	..	..
										Total per year ..	..	..	..	..	..	..	..	1,260	..	..
										Grand Total for the year ..	..	..	..	..	..	..	..	17,148	..	..

G.O., &c.,
Budget for 1884-85.

14th July

Ganjam

Vizagapatam Division.

Godávari District.

DOWLAISHWERAM,
24th September 1884.

(Signed) P. MONTGOMERIE, Lieut.-Col., R.E.,
Superintending Engineer, I Circle.

28TH OCTOBER 1884, No. 2659 W., PUBLIC WORKS.

5 — 15 —

Note by the Chief Engineer for Irrigation, dated 11th October 1884, No. 89 E.W.

ORDER—dated 28th October 1884, No. 2659 W., Public Works.

Communicated to Superintending Engineers for information and guidance, in continuation of G.O., No. 1523 W., dated 18th June 1884.

2. Proposals for establishment required to carry out work in Wards' estates should be framed with reference to the arrangements now approved by the Court.

3. The Superintending Engineer, VI Circle, will arrange for taking over all the works in the Ramnad estate as proposed by the Court of Wards. To admit of the work being properly attended to, a temporary division will be formed under an Executive Engineer on Rs. 550, to whose appointment the sanction of the Government of India will be requested. The exact strength of the subordinate establishment to work under the Executive Engineer will now be reported by the Superintending Engineer. It is observed that the repair allotment for this estate, available for expenditure during the current official year, is set down as Rs. 95,300, and the scale of establishment should be fixed at a reasonable percentage on this amount.

4. The establishment proposed by the Superintending Engineer, I Circle, for wards' estates in that circle is approved, subject, as regards the Assistant Engineer on Rs. 450, to the sanction of the Government of India to the creation of the post.

Note.—The Statement has been revised in the Secretariat; the additional establishments being all classed as *temporary*.

5. It must be understood that all establishment sanctioned for the execution of works on wards' estates will be *temporary*.

6. The sanction accorded in paragraph 4 above has been registered as Provincial No. 58 W. of 1884-85, and classified as "Establishment, Temporary."

(Here enter No. 2660 W., dated 28th October 1884.)

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.
" Revenue Department, with manuscript copy of Mr. Sullivan's remarks.

Exd. E. Fernandez.
Spare Copies

16

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated October, 28th.

Read. *Encl.*

G.O., 28th Oct. 1884, No. 2659 W.

Vide G.O. 23-1-85 W.

OCTOBER.

Wards' Estates

Orders on proposals for establishment to carry out works in —, transferred to the Public Works Department.

17

PUBLIC WORKS DEPARTMENT.

General,
Establishment.

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,

In forwarding, for the information of the Government of India, the accompanying copy of proceedings, No. 2659 W., dated 28th October 1884, I am directed to request sanction to the appointment of a temporary Executive Engineer, on Rs. 550 per mensem, to supervise works in the Ramnad estate, and to the appointment of a temporary Assistant Engineer, on Rs. 450, for similar work on estates in the I Circle administered by the Court of Wards.

2. It has been decided, on the recommendation of the Court, to place in charge of the Public Works Department certain of the works on the estates of their wards; and, as regards the Ramnad estate, to take over all works without exception. To admit of these works being properly attended to, an additional temporary establishment will be necessary. I am accordingly to request that the appointments now applied for may be sanctioned at an early date, the cost being borne from the contribution of 23 per cent. on outlay on works which the Court of Wards have agreed to make.

3. The names of the officers who may be selected for the posts will be reported in due course.

I have the honor to be,
Sir,
Your most obedient servant,

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

FORT ST. GEORGE,
28th October 1884.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated October, 28th.

Read. *Encl.*

28th Oct. 1884, No. 2660 W.

OCTOBER.

Wards' Estates

Requesting sanction to the appointments of a temporary Executive and a temporary Assistant Engineer to supervise works in — on their transfer to the Public Works Department.

18

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Establishment.

READ—the following letter from A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 3rd December 1884, No. 1389 G.:—

In reply to your letter, No. 2660 W., dated 28th October 1884, I am directed to communicate the sanction of the Government of India to the appointment of the establishment marginally noted for employment, respectively, on works in the Ramnad estate and in the I Circle administered by the Court of Wards for a period not exceeding twelve months, subject to the conditions for the employment of temporary Engineers as laid down in paragraph 88-A, Rule IV, Chapter I of the Public Works Code.

1 Executive Engineer on Rs. 550 per mensem.
1 Assistant Engineer on „ 450 „ „

2. I am to request that the names of the persons appointed and the dates on which they join their posts may be intimated on an early date, and should it be necessary to retain their services beyond the period for which sanction is now accorded application for the same should be made three months prior to expiry of this sanction.

ORDER—dated 15th December 1884, No. 3085 W., Public Works.

Recorded.

2. Nominations to the appointments sanctioned will be made in due course.

(True Extract.)

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

To the Superintending Engineer, I Circle.
„ „ „ VI „
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. C. Howarth.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated December, 15th.

Read. *Encl.*

G.O., 15th Dec. 1884, No. 3085 W.

DECEMBER.

Wards' Estates

Letter from the Government of India sanctioning appointment of an Executive and an Assistant Engineer for employment on —, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from the Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 10th January 1885, No. 319 V.Z.:—

With reference to G.O. No. 1523 W., dated 18th June 1884, ordering that works in the wards' estates in this circle be placed under this department, I have the honor to forward, herewith, copy of a letter, No. 1498, dated 19th December 1884, from the Collector of Vizagapatam informing me that the Court of Wards have, in their proceedings No. 4059, dated 26th October 1884, copy herewith, approved his recommendation for the exemption of the estates under the management in his district from the operation of the Government order above quoted, and I request your orders on the subject.

ENCLOSURES.

From H. G. TURNER, Esq., Acting Collector of Vizagapatam, to the Superintending Engineer, I Circle, dated Vizianagrum, 19th December 1884, No. 1498.

With reference to the proposition statement submitted to the Chief Engineer with your letter No. 230 G L., dated 24th September last, in which you have provided for a temporary establishment, costing Rs. 1,260 per annum, to look after the works in the wards' estates in this district, I have the honor to inform you that, on receipt of the proceedings of the Court of Wards directing that all works in estates belonging to their wards be placed under the Public Works Department, I have addressed the Court recommending the exemption of the estates under management in this district from the operation of these orders, with the proviso that whenever, in the opinion of the Collector, a work requires professional supervision, its execution be entrusted to the Public Works Department, a contribution of 23 per cent. being paid to Government on the outlay on such particular work.

2. In their proceedings No. 4359, dated 20th October 1884, copy of which is herein enclosed, the Court of Wards approved of this proposal. It will, therefore, not be necessary for your department to take charge of any works in wards' estates in this district.

Proceedings of the Court of Wards, dated 26th November 1884, No. 4059.

READ—the following letter from H. G. TURNER, Esq., Acting Collector of Vizagapatam, to the Secretary to the Court of Wards, dated Lakkavarapukota, 8th November 1884, No. 1327:—

With reference to the proceedings of the Court of Wards as per margin, directing that all works in estates under the Court of Wards be placed under the Public Works Department, a contribution of 23 per cent. on the outlay being paid to Government, I have the honor to request, for the following reasons, a reconsideration of their orders as far as this district is concerned.

No. 1866, dated 4th June 1884.
" 2366, " 11th July "
" 2420, " 15th " "

2. In this district there are at present six estates under management, namely,—

1. Merangi.
2. Sripuram.
3. Madugula.
4. Chipurupalle.
5. Pandur Mallavaram.
6. Chidikada Jagannadhapuram.

Of these, Merangi alone is a pretty large estate; but, as the Court are aware, it has been rented out to the minor zemindar's uncle. The lease granted to him is to last till the minor attains his majority, and, according to its terms, all repairs to irrigation works are to be executed by the

renter at his own expense. The only buildings belonging to the estate are the minor zemindar's houses at Vizagapatam and Merangi. The house at Vizagapatam was lately thoroughly repaired and improved at a cost of about Rs. 11,000 under the supervision of the Public Works Department officers.

3. The house at Merangi was also lately repaired under the supervision of the manager. These buildings do not probably call for any extensive repairs till the minor comes of age. It is thus clear that in the case of this estate, which alone can bear the costly supervision of the Public Works Department, there will be little or nothing to be done by that department.

4. All the other estates are small, none of them consisting of more than five villages. In the case of Madugula, Chipurupalle, and Pandur Mállavaram, the income is so small that great difficulty is experienced every year in balancing the charges with the receipts. In these estates there are hardly any irrigation works worth the name.

5. In that portion of the Madugula estates which is under our management, there are no irrigation works at all. The only buildings belonging to the estate are the houses in which the ranis live. These have never been repaired by us since the property came under our management. The temporary repairs are made by the ranis themselves out of the allowance given them by the Jeypore Maharaja. The same course must be followed in future, as otherwise we shall have no funds to spare for this purpose.

6. In the Pandur Mallavaram estate there are only four small irrigation works with jerayati ayacut ranging from 2 to 65 acres. The budget allotment for the four irrigation works for the current year is Rs. 200. We could hardly spare enough money for the education of this minor, and the estate is to be made over to the proprietor in April 1885, when he will attain his majority. There are no buildings whatever belonging to this minor.

7. The Chipurupalle estate has four small irrigation works whose aggregate ayacut is 68 acres. The proprietrix owns some houses. They are all at Vizagapatam and in good order, and are not likely to call for any extensive repairs for some years. The ordinary repairs of these houses, such as turning the tiles, &c., can very well be done, as now, under the supervision of the guardian.

8. The income of the estate is small while the demands are large. There are still two of the proprietrix's daughters to be married. For want of funds, the entire peishcush for fasli 1293 and a part of that for fasli 1292 are in arrears. It is very necessary that in the expenditure connected with this estate strict economy should be enforced for some years to come. It is, therefore, highly undesirable to place the small works connected with this estate under the costly supervision of the Public Works Department.

9. Sripuram and Chidikada are just recovering from the effects of the bad management of the late proprietors. The number of irrigation works, even in these two estates, though larger than in the other three ones, is hardly worth the while of the Public Works Department to take them under their supervision.

10. In the Sripuram estate there are 32 irrigation tanks, all of which, with the exception of two, fall under the category of minor irrigation tanks. Of these 30 minor works, only one has an ayacut of 100 acres. The ayacut of the other 29 varies from 2 to 57 acres. The two works which come under the class of major works are the big Sripuram tank called "Tamara Cheruvu" and the Ramasagaram tank at Gorinta. The jerayati ayacut of the former tank is 500 acres, bearing an assessment of Rs. 3,720, while that of the latter is 235 acres, assessed at Rs. 1,768. The budget allotment for repairs to the Sripuram tank is Rs. 2,620, while that for all the other tanks is Rs. 180. The repairs to be done to the big tank are mostly earthwork, and I do not see why it should not be done by the manager. If the estate were under the management of the proprietor himself, he would never incur the costly supervision of the Public Works Department. There are hardly any buildings belonging to this estate.

11. In Chidikada there are 37 irrigation works. In no case does the ayacut exceed 200 acres; only one tank has an ayacut of 160 acres, the irrigable area of the rest varying from 4 to 85 acres.

12. There are some houses belonging to the estate at Vavilavalsa, but none of important kind. They can well be repaired by the ordinary establishment.

13. From what has been stated above, it is clear that the works to be executed in all the six estates are generally of a petty kind. They are seldom of a nature requiring professional skill. The necessary repairs are now efficiently carried out by the managers of the estates either on contract or under their personal supervision without any extra cost of superintendence. The area of the estates being small, there is hardly any work which the managers cannot themselves supervise. No permanent or temporary maramut establishment has been hitherto maintained. There is nothing to show that the works are not maintained in an efficient condition, or that repairs are not carried out in a satisfactory manner. Under these circumstances I think, with all deference to the orders of the Court of Wards and Government, that it is highly inexpedient to burden these small estates with the costly supervision of the Public Works Department for all petty works.

14. The wards' estates are situated in different parts of the district, and the Public Works Department will not be in a position to undertake the repairs of the petty works in them with their present establishment; and I doubt whether the contribution of 23 per cent. on the annual outlay will be enough to maintain any extra establishment. The upshot of the proposed arrangement will be, as has been the case in the case of the minor irrigation works in the Government taluks, that there will either be great delay in the execution of timely repairs or that they will be entirely neglected.

15. The manager, being always on the spot, will be in a position to take immediate precautions to prevent a threatened breach of a tank, or, in case of a breach, will take immediate steps to close it. Such will not be the case if all the works are transferred to the Public Works Department. The manager will then consider himself relieved of all responsibility, or he may consider that he has done his duty if he simply reported the matter to the Collector or to the Public Works Department officer. It will take a long time before the report reaches the latter. An estimate is prepared and sanctioned and the work commenced. In the meantime a breach which could have been closed at a cost of a few rupees will be so far enlarged as to require an outlay of as many hundreds to close it.

16. The repairs of all minor irrigation works in Government taluks, as also all repairs to buildings costing Rs. 1,000 or less, are now carried out by the Revenue Department without the intervention of the Public Works Department. I do not see why at least a similar latitude should not be given to Collectors in the case of works in wards' estates. If this is done, there will hardly be any works which the Public Works Department have to carry out; for, as shown above, almost all the irrigation tanks in these estates come within the category of minor works, and the repairs to buildings seldom exceed Rs. 1,000.

17. Under the foregoing circumstances, I would recommend that the present arrangements for the upkeep of works may be ordered to continue, with the proviso that whenever, in the opinion of the Collector, a work requires professional supervision, its execution be entrusted to the Public Works Department, a contribution of 23 per cent. being paid to Government on the outlay on such particular work.

RESOLUTION—dated 26th November 1884, No. 4059.

In the exceptional circumstances reported, the Court concur in the Collector's proposal as made in his final paragraph.

(A true Copy and Extract.)

(Signed) C. F. MACCARTIE,
Acting Sub-Secretary.

ORDER—dated 23rd January 1885, No. 185 W., Public Works.

Recorded.

2. The establishment sanctioned in G.O. No. 2659 W., dated 28th October 1884, for supervision of estate works in the Vizagapatam district, will not now be entertained.

(True Extract.)

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

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. E. Fernandez.
Spare Copies

GENERAL
ESTABLISHMENT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated January, 23rd.

Secl. *Excl.*

G.O., 23rd Jan. 1885, No. 185 W.

JANUARY.

Wards' Estates

Letter from the Superintending Engineer stating that the Collector of Vizagapatam reports that the Court of Wards have exempted the transfer of the — in that district to the Public Works Department, recorded with remarks.

20

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—again the following papers :—

Letter from the Government of India, dated 3rd December 1884, No. 1389 G., recorded with G.O., No. 3085 W., dated 15th December 1884.

Letter from Superintending Engineer, I Circle, dated 27th November 1884, No. 468 G.N.

ORDER—dated 15th December 1884, No. 3086 W., Public Works.

Adverting to the sanction communicated in the letter from the Government of India quoted above, the following appointment is made on the usual conditions :—

Mr. E. F. Handcock to be Temporary Assistant Engineer on Rs. 450 per mensem, and to be employed under the Superintending Engineer, I Circle, for supervision of works on Wards' estates in that circle.

Should it be necessary to re-appoint Mr. Handcock for a further period, the Superintending Engineer will apply for renewed sanction three months before the expiry of the present sanction.

The Superintending Engineer will intimate, for report to the Government of India, the date on which Mr. Handcock enters upon his duties.

(True Extract.)

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

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. C. Howarth.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras

PUBLIC WORKS.

Dated December, 15th.

Rcd. *Encl*

G.O., 15th Dec. 1884, No. 3086 W.

DECEMBER.

Mr. E. F. Handcock

Appointment of — as Temporary Assistant Engineer for employment on works on Wards' estates in the I Circle.

21

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from G. H. W. WALKER, Esq., Officiating Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 7th January 1884, No. 29 G. :—

With reference to correspondence ending with your letter, No. 3552 W., dated 11th December 1883, I am directed to communicate the sanction of the Government of India to the appointment of Mr. W. A. Mathews, Sub-Engineer, 3rd Grade, as a temporary Engineer on a salary of Rs. 350 per mensem, for a period not exceeding one year against one of the appointments on Rs. 450 sanctioned for the Rushikulya Project, in Public Works Department letter, No. 742 G., dated 21st May 1883.

2. The date from which the appointment has effect should be reported.

ORDER—dated 14th January 1884, No. 99 W., Public Works.

Communicated to the Superintending Engineer, I Circle, and to the Examiner, Public Works Accounts.

2. With reference to paragraph 2, it is observed that the date * from which Mr. Mathews' appointment has effect was reported to the Government of India by telegram on the 10th January.

* 19th December 1883.

(True Extract.)

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

To the Superintending Engineer, I Circle.
„ Examiner, Public Works Accounts.

Exd. A. Aubert.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated January, 14th.

Read. *Encl.*

G.O., 14th Jan. 1884, No. 99 W.

JANUARY.

Mr. W. A. Mathews

Sanction of the Government of India to the appointment of — as a temporary Engineer, communicated to the Superintending Engineer, I Circle.

22

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

Proceedings of the Court of Wards, dated 2nd September 1884, No. 3063.

Read—the following letter from Lieut.-Colonel H. R. MEAD, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 25th July 1884, No. 652 T.J. :—

With reference to G.O., No. 1523 W., dated 18th June 1884, ordering that works in estates under the Court of Wards be placed under this department, I have the honor to point out that, as paragraph 2 of the resolution of the Court of Wards No. 1866 directs the subordinate establishment employed on any estate to be under the orders of the Superintending Engineer, I suppose it is intended that *all the work* in each estate shall be carried out by this department, and as paragraph 2 of G.O. No. 1523 W. orders the Examiner to issue instructions with regard to accounts, I presume that Government intend that all the works should be carried out under code rules. If this is the case, I have to point out that for the estates of Ramnad and Gandamanáyakanúr, very heavy establishments will be necessary, and, in fact, it will be necessary for a new division and sub-division to be formed for these two estates, as it will be impossible for the Executive Engineer, Madura, to carry on all the works in the estates and his present division.

2. I venture to suggest that this should not be done.

In the Government districts, it has been thought right to relieve the department of all charge of what are called minor irrigation works (as a rule works irrigating less than 200 acres are called minor) and of all repairs to buildings and other works the cost of which is less than Rs. 1,000. I would propose that the same course should be adopted with regard to works in estates under the Court of Wards ; that the Collector should, through his managers, carry out all repairs to irrigation works that may be, by him and the Superintending Engineer, classed as minor, and also execute all repairs to buildings, &c., the estimated cost of which should be less than Rs. 1,000 ; that for this he should be given a small establishment, and, of course, be allowed to call on this department for advice when necessary. The execution of work, however, will be chiefly done through the Revenue establishments in the estates, as is done with regard to similar works in the Government districts. Of course, any work that the Collector and Superintending Engineer considered advisable to be carried out by the Public Works Department would be so carried out.

With regard to the larger irrigation works and important repairs, they will be done under code rules by this department.

3. I think the following facts as regards Ramnad zemindari, which have been kindly given to me by Honorary Deputy Collector Raja Ram Row, manager of the estate, will show that some arrangement, as above sketched out, will be necessary :—

Ramnad has an area of 2,361 square miles. There are in it 1,281 tanks. Of these, 922 belong to the estate proper, 315 to devastanam, and 44 to chattram funds. Of these—

64	irrigate	over	500	acres.		
138	,,	,,	200	and under	500	acres.
234	,,	,,	100	,,	200	,,
290	,,	,,	50	,,	100	,,
555	,,	under	50	acres.		

These tanks, as a rule, get a very short supply, but are liable to serious injury when the rainfall is heavy.

The repair allotment for the estate of this official year is Rs. 95,300, of which probably about Rs. 8,000 is for buildings, the remainder for irrigation.

In 1882-83, the expenditure on irrigation repairs was only Rs. 27,478; it is, however, notorious that this sum was not sufficient to keep the works in proper repair. Many of them, I am informed, require extensive repair. For a short time prior to 1880, there was a special establishment costing Rs. 833-8-0 a-month, or Rs. 10,002 a-year; it consisted of one engineer, on Rs. 470, two overseers, two sub-overseers and an office establishment.

There is now an establishment costing Rs. 6,252 a-year; it consists of one supervisor, Rs. 150, two overseers, two sub-overseers and the same office establishment as before. The repairs to buildings include repairs to chattrams, &c.

4. If the proposal made in paragraph 2 of this letter is adopted, I would suggest the following establishment for Ramnad :—

Public Works Department.

One sub-officer under the Executive Engineer, Madura, with establishment and one extra draftsman.
Two overseers with establishment.

Under the Manager of the Estate.

Four sub-overseers and four lascars.
Two clerks in the manager's office.

For Gandamanáyakanúr.

One supervisor under the sub-officer of Dindigul, with ordinary establishment.
One extra clerk in the sub-division office.

Under Manager.

One or two sub-overseers.

The executive office in Madura should be raised from third class to second class. Of course, if any extensive works are taken up in either of the estates, the establishment will be increased. With regard to Tanjore and Trichinopoly, probably an extra overseer may be required in Tanjore and perhaps a maistry in each district under the Collectors.

5. I am sending a copy of this letter to the Collector of Madura, in order that his opinion on the proposal may be sent in.

No. 428 E., Public Works.

Referred, through the Revenue Department, to the Court of Wards for favor of early remarks.

OOTACAMUND, 4th August 1884. (Signed) J. SHAW-STEWART, Col., R.E., Secretary to Government, P.W.D.

Mis. No. 3572, Revenue.

Forwarded accordingly.

OOTACAMUND, 18th August 1884. (Signed) H. E. STOKES, Secretary to Government.

Resolution—dated 2nd September 1884, No. 3063.

The Court of Wards have no objection to minor irrigation works and repairs costing less than Rs. 1,000 being left to the Collectors in the smaller estates scattered

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over the Presidency, but they do strongly object to any such arrangement as regards the Ramnad estate.

2. It was the state of affairs in Ramnad shown in Board's proceedings, No. 96, dated 14th January 1884, that particularly led the Court to ask for the assistance of the Department of Public Works. Very large sums of their ward's money are being spent on the small irrigation works described by Colonel Mead, and the Court are not satisfied that the money is well spent. The larger and smaller tanks in Ramnad are, it is believed, intermingled together, and it does not appear to be advisable to have two establishments going over the same ground. The Court, therefore, trust that the Superintending Engineer will be directed to take over all the works in the Ramnad estate.

(True Copies and Extract.)

(Signed) G. MACKENZIE, Acting Sub-Secretary.

To the Secretary to Government, Revenue Department.

Mis. No. 4103, Revenue.

Transferred to the Public Works Department.

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

OOTACAMUND, 17th September 1884.

Proceedings of the Court of Wards, dated 5th September 1884, No. 3121.
Endorsement in the Revenue Department, dated 30th September 1884, No. 4261.

From Lieutenant-Colonel P. MONTGOMERIE, R.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 24th September 1884, No. 230 G.L. :—

With reference to your memorandum, No. 1161 D., dated 26th June 1884, I have the honor to forward, herewith, a statement showing the additional establishment required in the Ganjam, Vizagapatam and Godávari districts on account of the transfer of works on Wards' estates to the Public Works Department.

2. The proposed allotments for expenditure on works of the different estates in the Ganjam district during the fasli 1294 (from 6th July 1884 to 30th June 1885) according to the budget lists furnished to me by the Collector, amount to Rs. 2,30,991, and the contribution to be paid to Government at 23 per cent. upon the outlay will be Rs. 53,130. The cost of additional establishment required in the circle office and in the Ganjam division amounts to Rs. 14,298.

3. The two additional clerks applied for for the Superintending Engineer's office are absolutely necessary as the work in the office has already been greatly increased since the formation of the Godávari Central and Rushikulya divisions.

4. I have not yet received the budget lists of works for the fasli 1294 from the Collectors of Vizagapatam and Godávari, but taking the allotments for works the same as those for last fasli (*vide* statement printed with G.O., No. 1067 W., of 28th April 1884) I have applied for one temporary overseer, 3rd grade, for five months * for each of these districts for employment on estate works.

* From November 1884 to 31st March 1885.

5. The formation of sub-divisions in the Ganjam division will be reported hereafter.

ENCLOSURE.

I CIRCLE.

STATEMENT showing the additional establishment required in the Ganjam, Vizagapatam and Godávari districts on account of the transfer of works on Wards' estates to the Public Works Department.

Order sanctioning Petty or Establishment (Government of Madras).		Division.	Nature of Charge.										Proportion.					
			Present Scale.					Proposed Scale.					Permanent.		Temporary.			
													Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
No.	Date.		No.	Designation.	Pay Minimum.	Increment.	Maximum.	Average of Fixed.	No.	Designation.	Pay Minimum.	(Increment.	Maximum.	Fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
G.O., No. 1017 P.	14th July 1884.	Superintending Engineer's Office, I Circle.								Superintending Engineer's Office.	Rs.	Rs.	..	Rs.	Rs.		Rs.		Rs.
									1	Clerk	..	..	..	70	..	..	30	..	..
									1	Do.	..	..	..	20	..	..	20	..	..
										Total per month ..	..	..	..	90	..	..	50	..	..
										Total per year ..	..	..	..	305	..	..	600	..	..
										Ganjam Division.									
										Engineer Establishment.									
									1	Assistant Engineer	..	..	..	450	..	..	450	..	..
										Upper Subordinates.									
									1	Overseer	..	..	..	80	..	..	80	..	..
										Petty Establishment.									
									1	Sircarpoy	..	..	..	25	..	..	25	..	..
									1	Lascars at Rs. 9 each ..	..	..	..	24	..	..	24	..	..
										Conservancy Establishment.									
									1	Head Sweeper at Rs. 7 ..	..	..	..	7	..	..	..	..	..
									12	Sweepers at Rs. 4 each	..	..	..	48	..	..	48	..	..
G.O., No.	14th July	Ganjam								*Office Establishment.*									
										1st *Class Division Establishment.*									
									1	Clerk	..	..	..	60	..	..	60	..	..
									1	Do.	..	..	..	40	..	..	40	..	..
									1	Draftsman	..	..	..	35	..	..	35	..	..
										Sub-Divisional Establishment for three Sub-Divisions.									
									1	Clerk	..	..	..	20	..	..	20	..	..
									1	Do.	..	..	..	15	..	..	15	..	..
									1	Messenger at Rs. 6	..	..	..	..	..	..	6	..	..
										Overseer's Establishment for five Overseers.									
									1	Clerk	..	..	..	15	..	..	15	..	..
										Total ..	..	..	..	..	..	..	825	..	..
										Travelling allowance ..	..	..	..	..	..	..	300	..	..
										Contingencies	..	..	..	..	..	..	44	..	..
										Total per month ..	..	..	..	..	..	..	1,169	..	..
										Total per year ..	..	..	..	..	..	..	14,028	..	..
		Vizagapatam Division.								Vizagapatam Division.									
										Upper Subordinates.									
									1	Overseer	..	..	..	60	..	..	60	..	..
										Travelling allowance	..	..	..	45	..	..	45	..	..
										Total per month ..	..	..	..	..	..	..	105	..	..
										Total per year ..	..	..	..	..	..	..	1,260	..	..
		Godavari District.								Godavari District.									
										Upper Subordinates.									
									1	Overseer	..	..	..	60	..	..	60	..	..
										Travelling allowance	..	..	..	45	..	..	45	..	..
										Total per month ..	..	..	..	..	..	..	105	..	..
										Total per year ..	..	..	..	..	..	..	1,260	..	..
										Grand Total for the year ..	..	..	..	..	..	..	17,148	..	..

Budget for 1884-85.

DOWLAISHWERAM,
24th September 1884.

(Signed) P. MONTGOMERIE, Lieut.-Col., R.E.,
Superintending Engineer, I Circle.

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Note by the Chief Engineer for Irrigation, dated 11th October 1884, No. 89 E.W.

ORDER—dated 28th October 1884, No. 2659 W., Public Works.

Communicated to Superintending Engineers for information and guidance, in continuation of G.O., No. 1523 W., dated 18th June 1884.

2. Proposals for establishment required to carry out work in Wards' estates should be framed with reference to the arrangements now approved by the Court.

3. The Superintending Engineer, VI Circle, will arrange for taking over all the works in the Ramnad estate as proposed by the Court of Wards. To admit of the work being properly attended to, a temporary division will be formed under an Executive Engineer on Rs. 550, to whose appointment the sanction of the Government of India will be requested. The exact strength of the subordinate establishment to work under the Executive Engineer will now be reported by the Superintending Engineer. It is observed that the repair allotment for this estate, available for expenditure during the current official year, is set down as Rs. 95,300, and the scale of establishment should be fixed at a reasonable percentage on this amount.

4. The establishment proposed by the Superintending Engineer, I Circle, for wards' estates in that circle is approved, subject, as regards the Assistant Engineer on Rs. 450, to the sanction of the Government of India to the creation of the post.

Note.—The Statement has been revised in the Secretariat; the additional establishments being all classed as *temporary*.

5. It must be understood that all establishment sanctioned for the execution of works on wards' estates will be *temporary*.

6. The sanction accorded in paragraph 4 above has been registered as Provincial No. 58 W. of 1884-85, and classified as "Establishment, Temporary."

(Here enter No. 2660 W., dated 28th October 1884.)

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.
" Revenue Department, with manuscript copy of Mr. Sullivan's remarks.

Exd. E. Fernandez.
Spare Copies

-95-

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated October, 28th.

Recd. *Encl.*

G.O., 28th Oct. 1884, No. 2659 W.

OCTOBER.

Wards' Estates

Orders on proposals for establishment to carry out works in —, transferred to the Public Works Department.

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PUBLIC WORKS DEPARTMENT.

General.
Establishment.

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,

In forwarding, for the information of the Government of India, the accompanying copy of proceedings, No. 2659 W., dated 28th October 1884, I am directed to request sanction to the appointment of a temporary Executive Engineer, on Rs. 550 per mensem, to supervise works in the Ramnad estate, and to the appointment of a temporary Assistant Engineer, on Rs. 450, for similar work on estates in the I Circle administered by the Court of Wards.

2. It has been decided, on the recommendation of the Court, to place in charge of the Public Works Department certain of the works on the estates of their wards; and, as regards the Ramnad estate, to take over all works without exception. To admit of these works being properly attended to, an additional temporary establishment will be necessary. I am accordingly to request that the appointments now applied for may be sanctioned at an early date, the cost being borne from the contribution of 23 per cent. on outlay on works which the Court of Wards have agreed to make.

3. The names of the officers who may be selected for the posts will be reported in due course.

I have the honor to be,
Sir,
Your most obedient servant,

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

FORT ST. GEORGE,
28th October 1884.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated October, 28th.

Read. *Enc*

28th Oct. 1884, No. 2660 W.

OCTOBER.

Wards' Estates

Requesting sanction to the appointments of a temporary Executive and a temporary Assistant Engineer to supervise works in — on their transfer to the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers:—

From Lieutenant-Colonel P. MONTGOMERIE, R.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 19th September 1884, No. 1586 G.D.:—

In continuation of my letter, No. 363 G.N., dated the 19th instant, I have the honor herewith to submit, for sanction, a statement in the prescribed form of temporary establishment, existing and proposed, in the Godávari Western division for 1884-85.

ENCLOSURE.

GODAVARI WESTERN DIVISION.

Statement of Proposition for revision of Temporary Establishment for 1884-85.

Order sanctioning present Establishment. Government of Department.		Office to which proposition refers.	Nature of Change.																		Remarks.
			Present Scale (for 1883-84).						Proposed Scale (for 1884-85).						Proposition.						
															Permanent.		Temporary.				
					Pay.						Pay.				Increase per Month.	Decrease per Month.	Increase per Month.		Decrease per Month.		
No.	Date.		No.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.	No.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.	
					Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.	
G.O., No. 1362 W.	30th May 1880.	Godávari Western division.	3	Clerks, 5th class, first grade, at Rs. 15 each.	..	..	..	45	3	Clerks, 5th class, first grade, at Rs. 15 each.	..	..	..	45	..	..	..	..	..	..	Required for whole year.
G.O., No. 1561 W.	21st June 1882.		1	Licensing clerk ..	..	..	..	12	1	Licensing clerk ..	..	..	..	12	..	..	..	..	..	..	Required for six months only.
G.O., No. 1709 W.	17th July 1880.																				

5th September 1884.

(Signed) W. C. LEWIS,
Assistant Engineer, in charge Western Division, Godávari.

DOWLAISHWERAM,
19th September 1884.

(Signed) P. MONTGOMERIE, Lieut.-Col., R.E.,
Superintending Engineer, I Circle.

Office note from the Examiner, Public Works Accounts, dated 11th October 1884, No. 513.

ORDER—dated 4th November 1884, No. 2723 W., Public Works.

Sanction is accorded to the temporary establishment proposed by the Superintending Engineer, I Circle, in his letter read above, for employment during the current official year, in the Godávari Western division.

2. No provision of an Assistant Engineer can be made against that division, as the appointment was sanctioned against the Godávari Central division, *vide* G.O., No. 1295 W., dated 23rd May 1884.

3. This sanction has been registered as Provincial No. 60 W. of 1884-85, and classified as Establishment, Temporary.

(True Extract.)

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

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.

Ext. A. Circular.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated November, 4th.

Encl.

Recd.

G.O., 4th Nov. 1884, No. 2723 W.

NOVEMBER.

Temporary Establishment

Proposed — for the Godávari Western division during the current official year, sanctioned with remarks.

29

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Establishment.

READ—the following letter from A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 3rd December 1884, No. 1389 G. :—

In reply to your letter, No. 2660 W., dated 28th October 1884, I am directed to communicate the sanction of the Government of India to the appointment of the establishment marginally noted for employment, respectively, on works in the Ramnad estate and in the I Circle administered by the Court of Wards for a period not exceeding twelve months, subject to the conditions for the employment of temporary Engineers as laid down in paragraph 88-A, Rule IV, Chapter I of the Public Works Code.

1 Executive Engineer on Rs. 550 per mensem.
1 Assistant Engineer on „ 450 „ „

2. I am to request that the names of the persons appointed and the dates on which they join their posts may be intimated on an early date, and should it be necessary to retain their services beyond the period for which sanction is now accorded application for the same should be made three months prior to expiry of this sanction.

ORDER—dated 15th December 1884, No. 3085 W., Public Works.

Recorded.

2. Nominations to the appointments sanctioned will be made in due course.

(True Extract.)

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

To the Superintending Engineer, I Circle.
„ „ „ VI „
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. C. Howarth.
Spare Copies

GENERAL
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated December, 15th.

Read. *Encl.*

G.O., 15th Dec. 1884, No. 3085 W.

DECEMBER.

Wards' Estates

Letter from the Government of India sanctioning appointment of an Executive and an Assistant Engineer for employment on —, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Establishment.

READ—the following paper :—

No. 104 E.W.

Note by the Chief Engineer for Irrigation.

The following revised estimate, amounting to Rs. 26,745, for the investigation of the Lower Coleroon Irrigation Project, is recommended for sanction in lieu of the one sanctioned in G.O., No. 2167 W., dated 3rd September 1884.

	Rs.
1 Executive Engineer	650
4 Overseers	320
2 Clerks	50
2 Draughtsmen	85
2 Messengers	14
30 Lascars	180
Total ...	1,299
Travelling allowance	399
Contingencies	85
Total per mensem ...	1,783
Total for 15 months ...	26,745

2. The amount of survey and levelling work required to be done for the complete investigation of the project renders it probable that the establishment will be required for 15 months instead of for six months as was originally anticipated. Rs. 10,698 of the estimate will be spent during the current year, and the balance, Rs. 16,047, during the ensuing year.

CHEPAUK,
15th December 1884.

(Signed) A. S. RUSSELL,
for Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

ORDER—dated 19th December 1884, No. 3121 W., Public Works.

The revised estimate submitted by the Chief Engineer for Irrigation is sanctioned in supersession of that sanctioned in G.O., No. 2167 W., dated 3rd September 1884.

2. The Executive Engineer in charge of the project belongs to the permanent establishment, and no addition to the temporary Engineer establishment is thereby involved.

3. The sanction accorded in these proceedings has been registered as Provincial No. 76 W. of 1884-85, and classified as Establishment, Temporary.

(True Extract.)

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

To the Chief Engineer for Irrigation.
„ Superintending Engineer, VI Circle.
„ „ „ V „
„ Examiner, Public Works Accounts.
Exd A. Aubert.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras

PUBLIC WORKS.

Dated December, 19th.

Read. Encl.

G.O., 19th Dec. 1884, No. 3121 W.

DECEMBER.

Lower Colercon Irrigation Project

Revised estimate for investigation of the sanctioned.

1886

P. W. DEPARTMENT.

Current No. 416 & 221.

From

The Exam. S. W. Account;

Enclos.— 1

No. 769 & 784

Dated 9th & 16th January 1886.

Received 11th & 18th

Subject.

Mr E. J. Hardcock, Executive Engineer - regarding additional grant required during the current official year towards the pay of

Disposal.

No. 240 Dated 19—1—86.

As to balance of the reserve with the Government under "Provincial" is very small, please report if the excess referred to by you cannot be met from anticipated savings under Permanent Establishment.

By Dy Sec

No 428 dy 6.1.86.
" 2964 dy 10.12.85
423.4 Way 23.2.85
166 W dy 21-1-85
" 123 D dy 19.1.85.
0 30 90 W dy 16-12-84
3086 W dy 15-12-84.
2 65 & 2660 W dy 28-10-84
99 W dy 16.1-84
3086 W dy 15-12-84
185 W dy 23-1-85
3085 W dy 15-12-84.
2660 W dy 28-10-84
2659 W dy 28-10-84
1523 W dy 18-6-84
1067 W dy 28-4-84
387 W dy 13-2-84
2723 W dy 4-11-84
3121 W dy 19-12-84
1009 I dy 27.11.85
1666 W dy 17-7-85

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[C. No. 8.] 32

GOVT. OF MADRAS. 1885. P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 15 December 1885.

OFFICE NOTE No. 843.

To

I.

Please see G.O. No. 1009 I. dated 27th. November 1885.

2. The Establishment for Lower Coleroon Irrigation Project was registered as Provincial in G.O. No. 3121 W. dated 19th. December 1885 and classified as Establishment temporary. In the present order the Establishment has been sanctioned under "Provincial Irrigation and Navigation". I presume it is intended that the temporary Establishment will be met from Provincial Funds at the disposal of the Government, and that the entire cost of the Establishment will be chargeable to Irrigation and Navigation.

C.

KEEP-WITH Genl. No.

dated 188

R. No. 961
19-12-85.

The classification of the estimates given in G.O. No. 1809 I. dated 27th November 1885 is corrected. The entire cost of the estimate will be ultimately charged to Provincial Irrigation & Navigation. If a specific allotment is required to admit of the charge being in the first instance debited to Provincial Roads & Buildings, I would suggest that a formal application be made to W.

19-12-85

[C. No. 8.]

GOVT. OF MADRAS. } 1886. {P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 9th January 1886.

OFFICE NOTE No. 769.

To W.

E. I's. O.N. No. 331 dated 19th December 1885.

Please see above. The grant for temporary Establishment will be exceeded by Rs. 627 and formal orders sanctioning an additional grant of this sum are necessary.

No. 240 C dated 19th January 1886.

Your office Notes Nos. 769 & 784 dated 9th & 16th January 1886 respectively.

R. No. 787. 20-1-86.

As the balance of the reserve with the Government under "Provincial" is very small, please report if the excess referred to by you cannot be met from anticipated savings under Permanent Establishment.

16-1-86 5/1/86

[C. No. 8.]

GOVT. OF MADRAS. | 1886. | P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 16th JANUARY 1886.

OFFICE NOTE No. 784.

To

E.

Recd 18 JAN 86 P. W. DEPARTMENT

TO MEET THE PAY OF MR.E.F. HANCOCK TEMPORARY ENGINEER @ Rs. [illegible] NO.42 DATED 6TH.JANUARY 1886 TO END OF THE CURRENT OFFICIAL YEAR, AN ADDITIONAL GRANT OF RS. [illegible] NECESSARY IRRESPECTIVE OF THE SUM OF RS.627 REFERRED TO IN MY OFFICE NOTE NO.769 OF 9TH.JANUARY 1886.

C.

KEEP-WITH Genl. No.

dated 188 .

PUBLIC WORKS DEPARTMENT.

No. 301 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 5th Feby 1886.

READ the following

Office Note from the Examr P.W. Accts. N.E. No 769 dated 9th January 1886.

Do do " No 784 d/16th January 86.

Do do " No 787 d/29th January 86.

The excesses amounting to Rs 1135, referred to by the Examiner, P.W. Accounts in the first two Office Notes recorded above, will be met from anticipated savings under Permanent Establishment.

2/2/86

To The S.E. of Circle
Chief Engineer for Irrigation
Examr P.W. Accts
Despd 3-2-86.

2.2.86

36

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General, Establishment.

READ—the following paper:—

MEMORANDUM.

The following arrangements, with regard to the Ganjam and Rushikulya divisions, will be recommended to the Chief Engineer, Public Works Department.

2. That the Ganjam division should be reconstituted with head-quarters at Chicacole, and for the present should consist of the Chicacole sub-division, the Parlákimedi, Urlam and Jarada Estates.

3. That the Rushikulya division should consist of the Project with the Goomsúr, Berhampore taluks and the Chinna Kimedi, Dhárakót and Bodoogooda Estates, with head-quarters at Dorgam.

4. The proper distribution of establishment will be—

Ganjam division.	1 Executive Engineer. 1 Assistant do. 4 Upper Subordinates.	Rushikulya division.	1 Executive Engineer. 2 Assistant Engineers. 7 Upper Subordinates.

Assistant Engineer Mr. deClosets was appointed for the charge of the Parlákimedi Estate sub-division, but for some reason he has been given charge of the Chicacole sub-division and Sub-Engineer Mr. H. W. Taylor has been placed in charge of the Parlakimedi Estate. It does not seem necessary to have an Assistant Engineer for charge of the Head-quarters sub-division, and, if the present arrangement is to hold good, Mr. deClosets might be sent to the Rushikulya division where there are several important works in progress which seem to me to have been left too much to subordinates.

5. The office establishment of the two divisions have not yet been separated, so there will be no difficulty in re-opening two divisions. The accountants are still on the spot.

6. The reconstitution of the Ganjam division having been approved by telegram from the Chief Engineer, Public Works Department, Executive Engineer Mr. Vincent is directed to proceed at once to Chicacole and make the necessary arrangements for carrying on the work of the Ganjam division. As, however, it would be inconvenient to separate the accounts only one month before the close of the official year, the reconstitution of two divisions should take place from 1st April and accounts of expenditure up to that date should be submitted through the Executive Engineer at Berhampore.

7. There has been some misunderstanding with regard to the Court of Wards' Estates, which, it is understood, were handed over to this department in June last, the Executive Engineer having up to date had no funds placed at his disposal for expenditure. The consequence is all works have been stopped and there are outstandings incurred by the Collector which have never been paid. Immediate attention to the subject is necessary, and it is essential that a competant officer should personally examine the numerous works in the Parlákimedi Estate, some of which are of considerable importance, and make the arrangements necessary for carrying them out systematically. There is a rather large list of petty establishment employed on this

Estate, regarding which the Executive Engineer can make proposals subsequently. If the works are scattered it may be necessary, in the event of the Assistant Engineer being transferred to the Rushikulya, to appoint an additional temporary overseer for the Estate works.

8. The Estate works in the Rushikulya division may also require an additional temporary overseer; on this point the Executive Engineer will report, in the usual way, after he has examined the works in these Estates.

BERHAMPORE,
12th February 1886.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

No. 17 E.W.

Copy forwarded to the Chief Engineer, Public Works Department, for information.

2. Copies have been forwarded to the Superintending Engineer, I Circle, and Executive Engineers J. Hannan, Esq., and C. Vincent, Esq., for guidance.

BERHAMPORE,
12th February 1886.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

ORDER—dated 20th February 1886, No. 411 W., Public Works.

The arrangements proposed by the Chief Engineer for Irrigation are approved.

2. The Examiner, Public Works Accounts, has recently reported that he has arranged to place the Executive Engineer, Ganjam division, in funds for works in Wards' Estates.

(True Extract.)

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

To the Superintending Engineer, I Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. E. Fernandez.
Spare Copies

37

GENERAL.
ESTABLISHMENT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated February, 20th.

Recd. *Encl.*

G.O., 20th Feb. 1886, No. 411 W.

FEBRUARY.

Ganjam and Rushikulya Divisions

Reconstitution of the — with headquarters at Chicacole and Dorgam, respectively, approved.

Revenue Department

Proceedings of the Madras Government

Read the following:—

COURT OF WARDS, 23RD FEBRUARY 1886, No. 214.

38

PROCEEDINGS OF THE COURT OF WARDS.

READ—the following G.O., dated 10th February 1886, Mis. No. 977, Revenue:—

Read—the following office note of the Secretary to Government, Public Works Department, dated 4th February 1886, No. 478 C.:—

With advertence to Proceedings of Government, Public Works department, noted in the margin, please arrange to place at the disposal of the Public Works department a sum of Rs. 28,107 as shown below, being the amount of contribution to Public Works establishment for supervision of works in wards' estates in the Ganjam and Godávari districts.:—

1067 W., dated 28th April 1884.
1523 W., „ 18th June „

District.	Estate.	Grant for the fasli year.	Three-fourths of the grant for the fasli year.	Actual expenditure from April to June 1885.	Grant for the current official year.	Twenty-three per cent. on the grant for the current official year.
		Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	Parlákimedi	1,20,000	90,000	..	90,000	20,700
Do.	Chinna Kimedi ..	22,000	16,500	..	16,500	3,795
Do.	Jarada	1,040	780	..	780	179
Do.	Urlám	14,000	10,500	..	10,500	2,415
Do.	Dhárakóta	3,000	2,250	..	2,250	518
Godávari	Lakkavaram	2,481	1,860	316	2,176	500
	Total ..	1,62,521	1,21,890	316	1,22,206	28,107

2. It is also requested that, whenever grants for works in estates under the Court of Wards are placed at the disposal of the Public Works department, a proportionate charge for establishment at 23 per cent. on the grant for works may invariably be provided.

Order—dated 10th February 1886, Mis. No. 977, Revenue.

Communicated to the Court of Wards for compliance.

2. Attention is drawn to paragraph 2 of the note.

(True Extract.)

(Signed) J. F. PRICE,
Ag. Secretary to Government.

To the Court of Wards.

RESOLUTION—dated 23rd February 1886, No. 214.

Communicated to the Collectors of Ganjam and Godávari, with the request that the sums due to the Public Works department on account of the estates in their districts may be placed at their disposal in communication with the Accountant-General.

2. The Collectors are requested to report whether they have received any progress report of works from the Public Works department. The Court are not aware what works have been executed or what expenditure has been incurred.

3. The grant for the works in the Lakkavaram estate for fasli 1295 appears to be only Rs. 750 and not Rs. 2,481. The Collector of Godávari is requested to explain the discrepancy.

(A true Copy and Extract.)

(Signed) E. S. LAFFAN,
Ag. Sub-Secretary.

To the Collector of Ganjam.
" " of Godávari.
Copy to the Accountant-General.
" " Secretary to Government, Revenue Department.

Rdg thereon, 9th March 1886 No. 1541.

Communicated to the Public Works Department.

(True Extract)

(Signed) J. F. Price
Ag. Secretary to Govt.

Exd. J. Henrieus.

39

C.B.D.

No. 749 Rev. Dept. March 1886.

REVENUE DEPARTMENT.

1886.

Court of Wards,

MADRAS.

Recorded.

With reference to para 2 of the Court's Proceedings, attention is drawn to G.O. No. 443 R dated 22d February 1886.

(Signed) [illegible]

No. 749 Rev. Dept. March 1886.

To

The Supdg. Engr: I C.

" Examiner P.W. Accts

" Revenue Dept.

Printed March 2nd.

Proceedings, 23rd February 1886, No. 214.

Communicating to the Collectors of Ganjam and Godávari, with instructions, G.O., dated 10th February 1886, No. 977, communicating, with remarks, office note from the Secretary to Government, Public Works Department, requesting that arrangements may be made to place at the disposal of the Public Works department the amount of the contribution to the establishment for supervision of works in wards' estates in Ganjam and Godávari districts.

Rect. Orders

Superintending Engineer's District	Parlakimedy	Cheinakonda
Lands		
When where the Maids Estates taken over from the Civil Deptt.	Taken over in June 1885 by Mr. Taylor Sub Engr.	Taken over 6/8 June 1885 by Overseer Mr. Donahoe.
2.° Were the Estates subsequently inspected by the Executive Engineer personally or not.	General Remarks.	
	There is no record letter No. 20 Dt. of 11th April 85 Enclosing only report on record here that any to Collector informing him that Mr.	
	Yes- in September 1885.	No

Peradu.	Narlam.	Dharaccotta	Godapadu.
			45
In his letter No. 3455 of 19 Sept. 1885 Collector inquired when this Estate would be taken over, etc. reply on record here, & it is not known what date it was taken over if at all.	By Mr. Del Hoste Executive Sub Division Officer on 25 6/86.	Nothing on record to show that it has been taken over. 42	No requisition from Collector appears to have been received to take over this Estate and it has not been taken over. A letter has been received on 21 4/86 asking to take it over.
Mr.			
In order to take over this Estate as it was a Zamindari Estate	Mr. Del Hoste has not over any of these Estates. Probably his name is not on record here as the Estate was taken over in letter No. 668 of 30 January 1867 was taken over.		
No	No	No	

Superintending Engineer's Circle	Parlakimedy	Cheinakimedy	Gunpadaw	Ichapuram	Dharaccotta	Rodapadu
						45
3. What accounts were received from the Civil Officers.	This should be filled in by Mr Vincent as the accounts are, it is believed, with the Sub Division Officer	A list of works in progress showing amounts of Estimates and Expenditure up to end of May 85 was furnished but no list showing arrears as due.	There is no record here of any accounts being furnished.	Some accounts were furnished & must be at the circle.	Non received.	44
4. Were the outstanding Cheques detailed in such accounts.	Do	Do	Do	should be answered after examining records at the circle.	Do.	
5. Why were the outstanding not adjusted & remitted to the Treasury.	Do	Do	Do	"	"	
6. Why were not funds applied for.	Do	Do	the amounts asked for by him not for Public Works Estimates now 1st July 85. The last thing on record here on this subject is a letter dated 6th July 86 informing Collector that he had then only applied			
7. If funds were applied for why were they not placed at the credit of the D. P. W.	In July 1886 Collector intimated Budgets for Fasli 1295 which he communicated to Executive Superiors letter No. 10 of 6th Idem through Superintending	Not known.	No papers to show this information	Can be found here.		

Superintending Engineer Quarry	Parlakimedy	Chinakimedy	Parada.	Purlam.	Dharacotta	Rodapada. 45
8. Why were the foundations of the new Sluices not laid since the transfer took place.	Probably for want of funds.					

Thomas
Superintending Engineer
Ryotwar Irrigation

Signature illegible
Draftsman
Irrigation Department
30/4/86

B

ENCLOSURE
22 MAY 86
EXAMINER P.W. ACCOUNTS

ENCLOSURE
22 MAY 86
EXAMINER P.W. ACCOUNTS

47 Plankzicht. 98

No 1346 C of 2.4.86
" 1893 C of 21.5.86
" 1453 C of 9.4.86
" 994 C of 12-3-86
" 478 C of 4-2-86
G.O. No 205 W of 25-1-86
Memo No 225 C of 20-1-86
" " 1730 C of 8-5-86
Memo
G.O. No $\frac{1671}{1515}$ C of 17-4-86
G.O. - 975 W of 31.3.86
" " 2433 W of 19.11.85
" A 1523 W of 18-6-84
" " " 185 W of 23-1-85
" " " 3065 W of 18-12-85
" " " 1978 W of 13.9.84
" " " 2659 W of 28-10-84
" " " 1067 W of 28-4-84
" " " 746 W of 20-3-86
" A - 442 W of 22.2.86
" " " 411 W of 20.2.86
" " " 629 W of 22.2.86
" " " 2657 W of 28-10-84
" " " 1528 W of 18-6-84
" " " 1067 W of 28-4-84
" B " $\frac{1371}{1371}$ W of 31-5-86
" " " $\frac{736}{739}$ W of 17.3.86
" " " 120 W of 2-2-86
" " " 24 C of 17-1-86
Memo No 2433 W of 19.12.84
G.O. No 20 3121 W of 19.12.84
" " " 3065 W of 15.12.84
" " " 3723 W of 6-11-84
" " " 2660 W of 28-10-84
" " " 2657 W of 28.10.84
" " " 97 W of 10.1.84
" " " 3034 W of 15.12.84
" " " 135 W of 23.1.85
" " " 217 W of 13.2.84
C.S. 6.86

1545 W

No 5736 A Supdg. Engr's Office 1st Circle
Vaniambadi 25th March 1886

From

The Superintending Engineer
1st Circle

To

The Chief Engineer
Public Works Department
Madras.

Sir,

I have the honor to submit an abridged transcript of the Report on the existing Condition of the Karla Kunida Estate, just received from the Executive Engineer Cauvery Division Mr. Vincent

Agriculture. The Estate Covers an area of about 615 Square miles (vide tracing) having an irrigated area of about 9300 acres - from which a Revenue of nearly 3 Lakhs is Collected. The Irrigation is principally maintained by Tanks of no Considerable size, amounting in all to about 1750, out of which number, only 65

can be designated major Tanks—Each Commanding an irrigable area above 200 acres. Two Rivers (the Vamcadhara and Mahandra Janaya) flow through the District, but apparently no attempt has been made to make use of them, as irrigating agents, for the existing Cultivation would appear to be Considered amply sufficient for the people, & it is said that owing to this Estate being subjected to the Rains of both monsoons no entire failure of Crops has ever been experienced.

Roads & Communications. The Local Fund Department have taken over Charge of all the Roads (Colored brown on the Tracing) forming the principal Lines of Communication but about 120 Miles of Road (Colored green) still remain under the Charge of the Estate Agent and the Charge of these is about to be transferred to the D. P. W.

Works in Completed &c &c

From the Marginal Statement it will be observed that a sum of Rs 146,246 remains unexpended upto date, which clearly shows that the further development and improvement of this Estate, has been most unfortunately mismanaged but it is unnecessary to discriminate any particular individual, when all Concerned, may have been to blame.

No. of Work		Balance unexpended
Irrigation	163	Rs 43,263.
Buildings	33	31,805.
Roads (maintenance)	28	10,067.
Special Roads	14	61,111.
Total Rupees		146,246.

For some unaccountable reason no Credit was granted for the works in progress, until the 1st inspection when applied for by the Executive Engineer (Mr Vincent) but where the fault lies I have not yet discovered.

It appears that Mr W. H. Taylor who relieved Mr Murphy found that a sum of over Rs 15,000 was due

to various Contractors and at once applied for funds: but could get none, although a Considerable amount had been assigned by the Court of Wards for the said works Proposals. The Executive Engineer now proposes to put in hand, all the incompleted works and submits a list of the Establishment required which I have appended, in a modified Form. for I am of opinion that he ought to take in hand, only a portion of the work to be done and Concentrate all his working staff and labor on them thus by degrees Completing all the unfinished work. If as he desires, the whole of the works about 200 or more, are started simultaneously, there is Every likelihood of many being imperfectly Executed and assuredly both time and money would be wasted, as has been already unfortunately

experienced.

2 I would beg to propose the following modified Establishment (Statement appended to this letter) being sanctioned, as I feel sure, that unless the works are efficiently supervised by well-paid subordinates, it will be mere waste of valuable money to undertake the proposed work of restoration. Moreover as the Executive Engineer points out, a very large number of the existing Establishments must be revised, for they are of long standing, and very unreliable, so that the upper Subordinate Staff (two) with an Assistant Engineer in immediate charge, will not be out of much to ask for. I have also the

3 liberty of authorizing the Executive Engineer to start 2 or 3 of the more important works, which he must select, on his own responsibility to appoint temporarily the upper Subordinates, with their overseers and

Lascars. so that no time may be lost, pending the sanction of Govern-ment to the entire Establishment now Considered, as essentially ne-cessary.

I have the honor to be
Sir
Your most obedt Servt.

Major R.E.
Actg: Supdtg: Engr 1st Circle.

JK

Statement A. 52

Establishment proposed for the Parlakimedi Estate.

		salary
1	Temporary Assistant Engineer	350 to 400
1	Temporary Overseer 1st Grade	80 to 100
1	Temporary Overseer 2d Grade	60 to 80
1	Draftsman 1st Class	60 to 80
1	do 2d Class	40 to 60
1	Clerk (for A. E. Office)	30 to 40
2	Clerks (or Writers) each	15 to 20
1	Store Keeper	20 to 30.
3	Lascars for Asst. Engineer each	6 to 7
4	do (2 for each overseer) each	5 to 6
3	do for the office & Stores each	6 to 7
		672 to 830

The monthly Charges will thus average from Rs 672 to 830.

Major R.E.
Actg: Supdtg Engr 1st Circle.

JK

22 MAY 1886
ENCLOSURES
W. ACCOUNTS.

53

Encl.

Bdle

1.365/86

FROM,

THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

ENGINEER
RECD. 23 MAY 1886
ENCLOSURES
ACCOUNTS
EXEC. ENGINEER
SAFE
FOR INFORMATION

TO,

THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT.

DATED 25th March 1886
DESPATCHED 25th
RECEIVED

No. 5736-A.

ENCLOSURES. One.

No 1346 dy Chelpak 2nd April 1886

To

E. I.

For favor of

Remarks

2-4-86

2/4/86

Existing Condition of the Parlakimidi Estate Works.

Reports on the—

Encl. to Pro. No. 1361/86

No 86 A 6

Encs. 3

54

To W

From office note No 1346 2nd April 86.

He would, I think, have been more satisfactory if the S.E. had sent the Ex. Engr's report, with his remarks, instead of an 'abridged transcript'.

The S.E. does not appear to be aware that an establishment for the Court of Wards estates in Ganjam District was approved in G.O. No 2657 dated 28th Oct 84. A Clerk has been (if it has not) been appointed, & is now with the Collector's Head for the Estates & altogether (see G.O. No 411 W. 25th Feby 86) he had a Peon to accompany on a Cycle have applied for further Establishment if necessary.

The Collector has proposed amounts to nearly 10,000 Rs, but if, as I understand the yearly expenditure will in no case like the 1st year's be unnecessarily

There is however liability - Cantiloevy
Establishment to be thought of.
When I was in Belgium a return long
list of Salute which had been working
under the Collector on the Parle Kirad
Salute was shown me. The Collector
told me in confidence that he learned
several of this Salute had been sentenced
or were employed on less keys. I
think we should see the list of old
hands + hear the S.I. expecting to
obtain continued employment. We ask
for first dissatisfaction in the Salute
+ subordinates without any local
knowledge appointed.

I do fear agree with the S.I. that
I consider it inadvisable to under-
take too many works at one time, but
he does not state as what he does
mean as better number of works,
Expenditure + Salute of Cavalry to
be dealt with by each subordinate
(Overseer).

The S.I. gives no information as
to regarding the delay which has been
in taking over the works in the
Salute + Bunding grants. The

55 / 47

Collector told me that he had done all in
his power to make the P.W.D. to deal
with the works, and from the credit of
the Depart. I think we should make
a searching inquiry into the subject.
The S.I. should be called upon to explain
what steps were taken in his office
and by the Exec. Engr. to obtain the
funds required, giving the dates of the
letters written on the subject in each
office. It may then be possible to
discover who is to blame for a most
unsatisfactory state of affairs.

Dr
5/4/88.

P.W. C. No. 2769

Enc 4

EXAMINER
No.
22 MAY 1886
ENCLOSURES
P. W. ACCOUNTS.

This office No 5739 N dated 25th March /86 with engr. chief Engr's letter No 86 d/ 5.4.86 and one Drawing returned as Enclosures to this office No 889 N d/ 30th April 1886

To
The Chief Engineer
P.W. Department
Madras

ENCLOSURE
22 MAY
EXAMINER P.W. COURT

11-5-86

No. 88. G. S.

From

The Superintending Engineer

Tenth Circle

To

The Chief Engineer

Public Works Department.

Camp Berhampore 30th April 1884

Encl. 3.

1 Proposition Statement

1 A duplicate

1 B duplicate

Sir,

I have the honor with reference to your No. 1453. C dated 9th Instant, to resubmit the Proposition Statement called for and beg to state that at the request of the Executive Engineer, I have now included the requisite Establishment for both the Parlakimidi and Jaypore Estates - the 3rd estate (Orissa) the Executive Engineer will be able to look after himself, being close to his Head Quarters, with the assistance of a Sub overseer, who is on the Permanent Establishment.

I have authorized the Executive Engineer to employ as many of the old servants as may be found fit and competent, within the [illegible] now recommended.

I may here remark that it has been found impossible to obtain the services of competent Draftsmen (such now, more are forthcoming, although there are 2 vacancies) to accept either permanent or temporary posts on the lower scale of salaries.

So that I beg that the maximum rates of pay may be sanctioned, as a special case.

Referring to the Chief Engineer for Irrigation Office Note No 86 of April 1884 I beg to remark that I was aware of the fact, that an Establishment had been duly sanctioned sometime back, but having been informed that the existing staff were very much under the required strength and not sufficiently well paid,

I deemed it advisable to submit a Revised Establishment statement, which has now been reconsidered and altered.

The total annual charge for the proposed Establishment will be 10.7

per cent on the approximate anticipated outlay, viz, Rs 1,20,000— during the current year on the two estates. In my former report, which was wholly taken from Mr. Vincents injection notes—I was unable to give any detailed information regarding the several works proposed to be started on these two estates but a Budget estimate was submitted, wherein the proposed works are enumerated.

The Executive Engineer states, that several of the Major Projects must be re-investigated and fresh estimates drawn up, for the Surveys and other plans are not to be found anywhere and most of the rates are too low, to allow of good work being executed.

I beg to forward for perusal the (A, & B) replies, I have received from the Executive Engineers of the Gangawa & Rathkulya Dividing regarding the non-provision of Funds and the delay in commencing the Estate works.

From the various letters &c relating to these Estate works in this office, I find that

that after the receipt of G.O. No. 2933.45
of 19th October 1885 in this office, nothing
further seems to have been done, and
neither of the Divisional officers appear
to be able to find any orders on the subject:
From which I must admit, that this
Office is mainly to blame for the un-
-satisfactory state of affairs and that
the late Superintending Engineer must
have forgotten all about the matter for
no orders were issued by him on the
subject to anyone.

I have the honor to be
Sir
Your most Obedient Servt

Major R.E.
Supg: Engineer, 1st Circle

Camp Attock
2 Dec 85

No. 22 MAY 1886 ENCLOSURES W. AGOOUNTS

1st Circle.
Statement for revision of the Establishments in the Canjam &c.
Proposition statement
Nature of the change
Present scale
Proposed Scale
Designation
Pay
Remarks.

ENCLOSURE 22 MAY 86 EXAMINER P.W. ACCOUNTS

Proposition
Permanent Temporary
Designation
Pay
Remarks.

Engineer Establishment
Sub Engineer
Temporary
Overseer
Clerk
Surveyor
Office Establishment
Sub Ord. Office Establishment
Clerk
Draughtsman
Clerk for work charges
Clerk
Clerk for Overseers &c
Clerk for Sub Engineers
Clerk
Surveyor
Clerk
Store Keeper

A.A. 138

21/22 5.86 Encl 7

From

The Superintending Engr
1st Circle

To

The Chief Engineer
Public Work Department

Sir 1893 dated 21st May 1886.

L.

O.

For favor of early
disposal as regards present
scale and return.

Dated 30 April 86
Despd 8th May 1886.
Recd 14

Lr
19/5/86

W M

No 169
Encl 7

No 88. G. S.

Enclosure. 8.6

Estate works in Ganjam
Division - Revised State
- ments of establishment
required for - Submitt-

ENTRIES IN COLUMN PRESENT
have
SCALE OF THE STATEMENT HEREWITH HAS
BEEN CHECKED AND FOUND CORRECT WITH
THE FOLLOWING EXCEPTIONS:-

THE NUMBER OF LASCARS ON RS.4
PER MENSEM AS SHOWN IN THE COLUMN IS
14 WHILE THE SANCTIONED NUMBER IS ONLY
13. VIDE PROPOSITION STATEMENT AND
SUPPLEMENTAL STATEMENT PRINTED WITH
G.O. NO.2948 W. DATED 9TH DECEMBER
1885.

TWO LETTER CARRIERS AT RS.4 EACH
ARE NOTED INSTEAD OF 1 ON RS.4 AND 1
ON RS.6 VIDE SUPPLEMENTAL STATEMENT
QUOTED ABOVE.

No. 15

From
Ex Cab

PUBLIC WORKS DEPARTMENT.

b2

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the Supg. Engr 1 Circle No. 573 Gen. dy 25th March 86.
Office Note from the Chief Engr for Sanction - No. 86 dy 5th April 1886.
From the Supg. Engr 1 Circle - No. 889 Gen. dy 30th April 86.
Office Note from the Cashier - No. 169 dy 8th May 1886.

The Statement
of establishment for
carrying out works in the
Ganjam Estates submitted in
1st Circle is sanctioned,
as proposed by the Supg. Engr.
in his letter No. 889 Gen. dy 30th
April 1886 recorded above;
but the provision therein
made for Upper Subor-
dinates has been struck
out, the separate temporary
upper subordinates having
been separately sanctioned

2. The Govt notice with
dissatisfaction the delay
that occurred in taking
over the works in the estate
and

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ed in obtaining the funds required during the past official year. The list of works proposed by the Supg. Engr: for execution during the current official year has been forwarded to the Comat of Wards, (through the Revenue Deptt,) for the necessary provision of funds; and the Govt. ~~informed~~ thereof ~~through~~ that the Supg Engr. will make timely arrangements for maintaining and improving the estate works in the best satisfactorily.

3. The action taken by the Supg Engr: in regard the re-employment of ex-servants who have been in charge of estate works is approved.

4. The sanction accorded in para 1 of these proceedings has been registered as Provincial No. 24 W of 1886-87, and classified as Establishment Imporang.

8/6/86

Supg Engr

8/6/86

Dy 28/6

To Supg Engr Circle
Examiner P. W. D.
Chief Engr for Wards
Revenue Deptt.

Dy 28/6

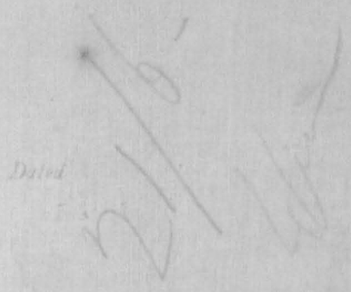
Dy 1/7/86

Asst. D

Dy 1/7/86 2.17 6-86 14.6 1893

Govt. of Madras 1886

PUBLIC WORKS.



G.O. 18th June 1886. No. 1542

Estate works,
1 Circle

Orders pass respecting the Executive Engineer, Sanctioning the necessary Establishment noticing the Salary sanctioning the Executive Engineer works in 505-87 &c.