P. W. D.

N° 2316 Way 6th Oct 1885.

communicated to the Supdg: Engineer V Circle & the Consg: Architect to Govt.

2. Adverting to para 3 of the foregoing Order, the Supdg: Engr. will take the necessary steps in view to the early completion of the valuation of the buildings and will explain the cause of the delay which is said to have occurred.

3. The financial Order quoted in para 3 was communicated by G.O. N° 2038 Way 2d Septr 1885.

(Signed)

S.E. V Circle

Exr P. W. A.

Consg: Architect

P. W. D.

Govt. of {1885} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., 17th September 1885, No. 521 M.

N° 2316 Way 6 Oct 1885.

SEPTEMBER.

Municipal Tax.

Directing the President, Municipal Commission, Madras, to arrange for the early liquidation of the balance of loan of 1869, and ordering the modification of the Accountant-General's circular, No. II, dated 27th February 1885, regarding the payment of — on Government buildings.

With Order

28TH APRIL 1884, No. 1067 W., PUBLIC WORKS.

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
Vizagapatam ...	5. Merangi	5,500
	6. Pondúr Mullavaram	225
	7. Mádugula	...
	8. Chidicada Jaganáthapuram	1,600
	9. Sripuram	3,100
	10. Chipurupalle	750
Godávari ...	11. Lakkavaram	3,865
	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. Alúngudicheri	400
	21. Mathur	300
	22. Papanad	820
Trichinopoly ...	23. Nangaveram	700
	24. Peramur	...
	25. Ramnad	56,512
Madura	26. Do. Devastanam	30,300
	27. Do. Chuttrums, Durmamaymai	15,200
	28. Gandamanáyakanúr	26,900
Tinnevelly	29. Vadagarai	1,350
Coimbatore	30. M. Dalavoi Komarasami Moodeliar	1,350
	31. Paravipolayam	20
Salem	32. Erumaipatti	500
South Canara	33. Shuligiri	776
Malabar	34. B. Survathama Row	302
	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 —.

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.

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 —.

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.

Govt. 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 of Government for the execution of —, communicated to Superintending Engineers.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

G.O., dated 9th August 1884, No. 3417, Revenue.

Read—the following Proceedings of the Court of Wards, dated 15th July 1884, No. 2420:—

Read—the following letter from C. A. GALTON, Esq., Acting Collector of Malabar and Agent to the Court of Wards, to the Secretary to the Court of Wards, dated Calicut, 26th June 1884, No. 2930:—

With reference to the Court's proceedings, dated 4th instant, No. 1866, I have the honor to inquire whether the orders now passed apply to *all* works on the estates of incapacitated proprietors, or only to those costing more than Rs. 1,000 as is now the practice in the Revenue Department. In this district the estates are small and the works are seldom of a nature to require professional superintendence. No permanent "maramut" staff is maintained, and the repairs to buildings, &c., can easily be carried out by means of contractors as hitherto. Nor is the Public Works Department establishment in a position to undertake any extra work; there is only a subdivisional officer at present for South Malabar, with a small staff, and his time is fully occupied with Government work. I would suggest that if any works requiring professional supervision are carried out, as for instance the improvements which it is proposed to effect in the Kavalapara Minor's house, the Local Fund engineering establishment, which, as recently organized, can easily undertake the work, should be employed, the estate paying to the Local Fund Board for their services the 23 per cent. on outlay fixed by the Board as a fair rate of remuneration. For petty works costing less than Rs. 1,000, there is no necessity to incur the expense of such costly supervision.

Resolution—dated 15th July 1884, No. 2420.

The order quoted applies to all works, but if on any estate it is not convenient for the Superintending Engineer to arrange for the execution of petty works, the Court see no objection to his requesting the Collector to make use of other agency, such as, for instance, the Local Fund Engineer or a private firm, and in such a case the percentage on that expenditure would not be paid to Government.

(A true Copy and Extract.)

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated August, 13th.

Recd.

Encl.

G.O., 13th Aug. 1884, No. 1978 W.

AUGUST.

Works in Estates.

Instructions issued by the Court of Wards regarding the execution of petty — under their control, communicated to Superintending Engineers.

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

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.			
					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.	Fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
											Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
G.Os., No. 1729 W., and No. 3211 W.										Superintending Engineer's Office.										
									1	Clerk	..	..	..	30	..	..	..	30	..	..
									1	Do.	..	..	..	20	..	..	..	20	..	..
										Total per month ..	..	..	..	50	..	..	..	50	..	..
										Total per year ..	..	..	..	600	..	..	..	600	..	..
	14th July 1881 and 6th December 1882.									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	..	..
1729 W.	1881.	Division.																		
										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	..	..	..	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	..	..
Budget for 1884-85.	14th July	Godávari District. / Vizagapatam Division. / Ganjam																		

DOWLAISHWERAM,
24th September 1884.

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

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

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.

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.

Recd. *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.

Memo No 1394 C a/ 9. 8. 84
" " 2453 C a/ 8. 12. 83

...p. Engrs office 6th Circle
Kodaikanal 30: May 1885
Disp'd 1/6.

Supt. Engineer
6th Circle.

Chief Engineer
P. W. Department.

...e the honor to forward
and an allotment of
estimate for Rs. 1521 in
...r Scientific Instruments
...om the Public works
...was for the use of the
...ed Rammad Division.
...ate is included an item
...H Mathematical Instru.
III class, which was ap-
...nt which the Store Superin.
...ro is not available in
...t present. As the instru.
...e much needed for Sub-
...fficers and as it cannot

1885.

P. W. DEPARTMENT.

Current No. 4889.

From

The Supg: Engr. VI Circle

ENCLOS.—

No. 75 R.N.
Dated 30th May 1885
Received 3d June 1885

SUBJECT.

Submits an estimate for the purchase of 4 Mathematical Instrument boxes III class which are not procurable at the P.W. Stores Madras.

DISPOSAL.

1338

No. 1336 Dated 3rd June 1885

Referred to S.E. V Circle for report whether he can spare 4 Mathematical Instrument Boxes, III Class, or any less number

(By order)
sd/ C. Borden Major R.E.
Under Secy to Govt. P.W.D.

No 75 RN Supg Engrs office 6th Circle
Kodaikanal 30: May 1885.
Dispd 1/6.

Enclo. 2.

From.

The Supg Engineer
6th Circle.

To.

The Chief Engineer
P. W. Department.

Sir.

I have the honor to forward for sanction and an allotment of funds, an Estimate for Rs 1521 in duplicate for Scientific Instruments supplied from the Public works Stores, Madras for the use of the newly formed Ramnad Division. In the Estimate is included an item of Rs 44 for 4 Mathematical Instrument boxes III Class, which was applied for, but which the Store Superintendent says is not available in his stores at present. As the instrument is one much needed for subordinate officers and as it cannot

1885.

P. W. DEPARTMENT.

Current No. 4889.

From

The Supg: Engr: VI Circle

ENCLOS.—

No. 75 R.N.
Dated 30th May 1885
Received 3rd June 1885

SUBJECT.

Submits an estimate for the purchase of 4 Mathematical Instrument boxes III class which are not procurable at the P.W. Stores Madras.

DISPOSAL.

1335

No. 1336, Dated 3rd June 1885

Referred to S. E. V Circle for report whether he can spare 4 Mathematical Instrument Boxes, III, Class, or any less number

(By order)
Sd/ C. Bowen Major R.E.
Under Secy to Govt. P.W.D.

No: 75 RN Supg: engrs office 6th Circle

Kodaikanal 30: May 1885.

Enclo. 2.

To now,

The Supg: Engineer
6th Circle.

To,

The Chief Engineer
P. W. Department.

Sir,

I have the honor to forward for sanction and an allotment of funds, an estimate for Rs: 1521 in duplicate for Scientific Instruments supplied from the Public works Stores, Madras for the use of the newly formed Rannad Division. In the Estimate is included an item of Rs: 44 for 4 Mathematical Instrument boxes III Class, which was applied for, but which the Store Superintendent says is not available in his stores at present. As the instrument is one much needed for subordinate officers and as it cannot

be spared by other Division officers in this Circle without much inconvenience, I have the honor to request that you will be good enough to arrange with the Superintending Engineers of other Circles to transfer to me 4 Mathematical Instrument boxes 3d Class if they can be spared. If they can be so spared from other Circles, the estimate amount Rs 15=1 entered in pencil may be reduced by Rs 4-4, the value of the instruments included therein.

I have the honor to be
Sir
your most obdt servt

Lieut Col RE
Supg Engineer 6th Circle

1705

Rqn 1343
10-6-85

Rec'd 4889
22/7/85

No. 1335 D dated 3rd June 1885

Referred to Superintending Engineer V Circle for report whether he can spare 4 mathematical instrument boxes, III Class, or any less number

By order,

C. Haven. Major R.E.
Under Secy to Govt P.W.D.

From

The Supg Engineer
VI. Circle

To.

The Chief Engineer
P.W.D.

No. 1532 Waji 1-7-85

Dated 30th May
Despd 1st June 1885.
Recd 3
Encls. 2

No. 75 R N

Scientific Instruments

Forwards for Sanction an Estimate for — Supplied from the P.W. Stores to Ramnad Division

To
The Superintending Engineer
V Circle

No. 1012

SUPERINTENDING ENGINEER'S OFFICE,
5TH CIRCLE, MADRAS,
Bangalore
~~Chepauk~~, 11th June 1885.

From

THE SUPERINTENDING ENGINEER,
5TH CIRCLE,

To

THE Chief Engineer
Public Works Deptt

SIR,

Enclosures. 4

In returning your endorsement No. 1335 D dated 3d June 1885 I have the honor to report that there are no spare mathematical instrument boxes of any class available in this Circle for transfer. - all surplus instruments in the Divisions having been returned to the P. W. Stores under Chief Engineers' Circulars Nos. 1706 C and 278 C dated 12th September 1883 and 9th February 1884. The Executive Engineers were again requested on the 16th May 1885 upon your Circular No. 891 C of the 9th idem to return to the P.W. Stores any surplus instruments in the Divisions.

I have the honor to be
Sir
Your most obedient servant
W H Sutton Coll R.E.
Offg Superintending Engineer
5th Circle

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G. O. No 3023 W. G. 12-84
No 1335 D. 3. 6. 85

From (7)

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE Chief Engineer
P. W. D.

Dated 11" } June 1885.
Recd.

ENCLOSURES. 4

Re. 1532 Way 1-7-85

No. 1012

Mathematical Instrument Boxes — Reports that there are no spare — of any class available in the 5th Circle for transfer elsewhere.

Re. 18-6-85 R. 25-6-85

To W

This draft order may apparently issue with your approval, but I don't think the Superintending Engineers named will have any surplus serviceable mathematical instrument boxes.

The last half yearly return of scientific instruments, disposed of two or three months ago, showed to the best of my recollection, that there were no surplus instruments in the Divisions.

Cc
22-6-85

232 W

PUBLIC WORKS DEPARTMENT.

HE MADRAS GOVERNMENT.

UNDER date the 1st July 85

READ the following

to G. O. No 75 R. N. of 30th May 1885.
} . No 1012 of 11th June 1885

The estimate amounting to Rs 1521, for purchasing scientific instruments required for use in the Ramnad division, is sanctioned.

2. As the four mathematical instrument boxes, 3 IV 2nd class, for which provision has been made in the estimate are not available in the Public Works Stores, the Superintending Engineers I, II, III, and IV Circles will be requested to report whether they can spare any from their circles. Should any be available for transfer to the Ramnad division, the estimate sanctioned above will be reduced by the value of the boxes so supplied.

Hs

G. O. No 3023 W. 9. 12. 84
No 1335 D. 3. 6. 85

R. 25-6-85.

R. 18-6-85 & R. 25-6-85

No 1532 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 1st July 1885

READ the following

From the Superintending Engineer VI Circle H. E. No 75 R. N. of 30th May 1885.

From the Superintending Engineer V Circle reporting that he has no spare mathematical instrument boxes of any class } . No 1012 of 11th June 1885

The estimate amounting to Rs 1521, for purchasing scientific instruments required for use in the Ramnad division, is sanctioned.

2. As the four mathematical instrument boxes, 3rd class, for which provision has been made in the estimate are not available in the Public Works Stores, the Superintending Engineers I, II, III, and IV Circles will be requested to report whether they can spare any from their circles. Should any be available for transfer to the Ramnad division, the estimate sanctioned above will be reduced by the value of the boxes so supplied.

3. The sanction accorded in para 1 of these Proceedings has been registered as Provincial No. 75 W of 1885-86, and classified as Tools and Plant.

Cd.
17.6.85

22-6-85

P.C.
B.No. 2217 W. 6-10-85.

No. 1532 W dt 1-7-85

Despd 2/7/85

To

The Supg: Engr: VI Circle with 1 encls.
" Supg: Engrs I, II, III, IV, & V Circles.
" Examiner P. W. Accounts with duplicate abstract estimate

Ays. 83/16.
C. 18.6.85 R. 23.6.85

(7)

No. 278
Ex.

Supg Engr's Office 4th Circle
Coimbatore, 3rd July 1885.

From,
The Superintending Engineer.
4th Circle - Coimbatore.

To,
The Chief Engineer.
P. W. Department.

Sir,

With reference to G.O. No. 1532 W. dated 1st Instant, I have the honor to inform you that there are no spare Mathematical instruments, boxes of any class available for transfer in this circle.

I have the honor to be,
Sir,
Your most obdt Servant,

L. Beatty - Coll. R.E.
Supg Engineer 4th Circle

(10) Desk 58

From

The Supg. Engineer,

Fourth circle.

No. 2317 Ka/6-10-85

Dated 3-8
Deeps: 4
Rec'd 6 } July 1885.

No. 278
Cy.

Mathematical Instrument Boxes:—

Informs that there are no spare — available for transfer in this circle.

Compile

1.7

83/6.

SUPERINTENDING ENGINEER'S OFFICE,

~~MADRAS~~,

No. 821. Bellary ~~Chepauk~~, 14th July 1885.

From Lt-Col. W. H. Vibart RE.

~~THE~~ SUPERINTENDING ENGINEER,

~~I~~ III ~~1ST~~ CIRCLE,

To THE Chief Engineer

&c

Madras

SIR,

Enclosures.

With reference to para 2 of G.O. No. 1532 dated 1st July 1885 I have the honor to report that 2 Mathematical Instrument Boxes 3rd Class are available for transfer in this Circle and I solicit orders whether they may be despatched to the Rammad Division

I have the honor to be
Sir
Your most obt. Servant

Henry Vibart Lt-Col RE

Superintending Engineer
3rd Circle

From

The Superintending Engineer,

3d ~~1st~~ Circle,

To

The Chief Engineer

P. W. D

Madras

Dated 14th July 1885.
Recd. 15

ENCLOSURES.

No. 821

2 Mathematical Instrument Boxes available in the 3d Circle

Soliciting orders as to whether the ___ may be despatched to the Rannad Division.

Compiled

No. 209 GL.

Superintending Engineer's office
2nd Circle, Masulipatam.
19th September 1885

From

The Superintending Engineer,
2nd Circle.

To

The Chief Engineer,
Public Works Department.
Madras.

Sir,

With reference to G.O. in the P.W. Department No. 1532 W. of the 1st July 1885, I have the honor to inform you, that there are no spare Mathematical Instrument boxes of any class available for transfer to the Rannad Division.

I have the honor to be,
Sir,
Your most obt. servant,

J R Morant

Lieut. Colonel RE.
Superintendent of Works
in charge of II Circle.

Compd. Hd

Rlt 8379

(10)

From,

The Suptg. Engineer,
2nd Circle.

To,

The Chief Engineer,
P. W. Deptt.

Dated 19th September 1885.

Despd. 20th —do—

Recd 25 —"—

No. 209 GL.

No. 2317 Wdy 6-10-85

Mathematical Instrument Boxes - Informing that there are no spare — available for transfer to the Ramnad Division.

Compiled
J.B.

C. 29-9-85 R. 3.10.85
C. 18.6.83 R. 20.6.83

No. 2469.L.

FROM,

THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO,

THE CHIEF ENGINEER P. W. Department
~~FOR IRRIGATION~~

DOWLAISHWARAM, 19th September 188 5.

SIR,

With reference to G.O. No. 1532/W. dated 1st July 1885, I have the honor to inform you that no mathematical instrument boxes can be spared from this Circle for transfer to the Ramnad Division.

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

Lieut. Asst. Engr.
for Superintending Engineer
First Circle.

JK

Rd.

G. 6. 1067 W. 28. 4. 84
" 1523 W. 18. 6. 84.
" 1378 W 13. 8. 84
" 2659 W 28. 10. 84
" 2660 W. 29. 10. 84
Pw 1335 D. 3. 6. 83
B. Pw 1532 W. 1. 7. 83

From (10) Dec 84

The Supt'g Engineer
1st Circle

To

The Chief Engineer
P.W. Dept
Madras

Dated 19th Sept 85
Recd 19th "
Rec 28

No. 2469. L.

No 2317 W of 6-10-85

Mathematical Instrument boxes.

Reports that no —
are available for transfer
to Ramnad Division

G. 24.9.85 C. 3.10.85

B

No 2317 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 6th Oct 85.

READ the following

From the Supt'g Engr IV Circle A. E. No. 278 Ews of 3d July 1885.
From the Supt'g Engr III Circle " No. 821 dated 14th July 1885.
From the Supt'g Engr II Circle " No. 209 G.L. of 19th Sept 85
From the Supt'g Engr I Circle " No. 246 G.L of 19th Sept 85

The Superintending Engineers I, II, and IV Circles report, in reply to para 2 of G. O. No. 1532 W. dated 18th July 1885, that they have no surplus mathematical instrument boxes.

2. The Superintending Engineer III Circle, ~~has~~ ~~does~~, states that he can spare two boxes, and he will ~~be requested~~ to

(10)

to take the necessary steps for their early transfer to the Rawmad Division.

3. The estimate for scientific instruments for the Rawmad Division sanctioned in the G.O quoted in para 1 of this order, will accordingly be reduced by Rs 22, the value of the two boxes transferred, and will now stand at Rs 1499.

Cott
Sept. 28 1885

1-10-85

To
The Supdg Engr III Circle
The Supdg Engr VII Circle
The Examr P.W. Accts

Dest'd 7/10

No. 2317 Hdf 6-10-85

Accts. 1449. 6-10-85

G. 29.9.85 N. 3.10.85