Public Works (189 9) Department

G.O., No. 466 W
467

Dated 13th Feb 99

[Despatch Abstract.]

Review of the operations of the P.W.D

Passing orders on the Chief Engineer's ——
under General Buildings & Roads, during the year 1897-98

Review of the operations of the P.W.D

Forwarding Copy of Resn: passing orders on
the Chief Engineer's —— under General Buildings
& Roads, during the year 1897-98

(B)

Indexed.

[P. W. 26.
1,000—12-2-98.]

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GENERAL.
ACCOUNT.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*

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G.O., Nos. 466, 467 W., 13th February 1899.

FEBRUARY.

Review of the Operations of the Public Works Department

Forwarding copy of Proceedings passing orders on the Chief Engineer's — under General Buildings and Roads, during the year 1897-98.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General. Account.

READ—the following papers:—

From the Superintending Engineer, I Circle, No. 233 G.L., dated 8th June 1898.
" " I " " 235 G.L., " 13th " "
" " II " " 387 G.L., " 5th July "
" " II " " 831 N.L., " 29th " "
" " III " " 27 C., " 18th June "
" " IV " " 350 W., " 4th July "
" " V " " 402 W., " 22nd June "
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" " VI " " 1018 T.C., " 29th " "
" " VI " " 1019 T.C., " 29th " "

From the Consulting Architect to Government, No. 934, dated 25th June 1898.
Office-note from the Examiner, P.W. Accounts, No. 3046 B./B., dated 2nd September 1898.

Note by the Chief Engineer, Public Works Department.

The accompanying two statements which compare the budget and final grant for 1897–98 with the actual expenditure during that year, under all funds administered by the Chief Engineer and Secretary to Government, Public Works Department, are submitted for the information of Government with reference to paragraph 16, chapter III, volume I of the Public Works Code. Statement A exhibits the total grant and expenditure under each fund, arranged by departmental heads, and statement B shows, by divisions, the grants and expenditure on "original works" and "repairs." The figures given in the statements include the outlay adjusted in the supplemental accounts for March 1898, and have been verified by the Examiner of Public Works Accounts.

2. The total expenditure under all funds amounted to Rs. 86,47,680 against the budget grant of Rs. 33,30,234 and the revised grant of Rs. 86,56,276 as shown below:—

Funds.	Budget grant.	Revised grant.	Expenditure.
	RS.	RS	RS.
44. Imperial Military Works	80,900	82,000	75,266
45. Imperial Civil Works	86,000	55,000	49,198
45. Civil Works, Provincial	18,41,000	16,70,000	17,79,357
45. Civil Works, Incorporated Local	67,000	58,000	45,589
Excluded Local Civil Works	2,08,799	93,322	1,17,254
Estate Works	5,535	11,954	11,363
33. Famine Relief	10,41,000	66,86,000	65,69,653
Total ..	33,30,234	86,56,276	86,47,680

Additions.

	RS.
(1) Magazine at Trichinopoly ..	598
(2) Upkeep of Military Works at Quilon	7,500
(3) Quarters for the Sergeant Instructor attached to the South Indian Railway Volunteer Corps at Trichinopoly	1,447
Total ...	9,545

Surrender.

(1) New block of married quarters at West Hill, Calicut	8,715
Net addition ...	830

3. The differences between the original and final grants, and the causes of excess or short outlay under each fund are explained in the following paragraphs.

4. 44. *Imperial Military Works.*—The budget grant under this head was Rupees 80,900, but the modifications of allotments subsequently sanctioned for the works noted in the margin increased the amount to Rs. 81,730. The Government of India, however, fixed the revised estimate at Rs. 82,000 in round figures. The total expenditure during the year amounted to Rs. 75,266, or Rs. 6,734 less than the revised grant. The lapse of Rs. 6,734 occurred as shown below:—

	RS.
Works	3,125
Establishment	3,352
Tools and plant	257
Total ...	6,734

5. The final grants for the Ganjám and Vizagapatam divisions, as shown in statement B, do not include allotments to the extent of Rs. 942 and 823 respectively sanctioned for minor works by the General Officer Commanding the Madras district.

6. In the Vizagapatam division there was a short outlay of Rs. 1,026 due to the late receipt of the estimates for annual repairs to the Military buildings in the Vizianagram cantonment and the Vizagapatam fort. There was also a lapse of Rs. 1,128 in the West Coast division, and this is ascribed to the stoppage of work on the new block of married quarters at Calicut and to the amount placed at the disposal of the Chief Engineer, Travancore, for repairs to the works at Quilon, not having been drawn by that officer. The short or excess outlay in other divisions is trifling and calls for no remarks.

A sum of Rs. 457 lapsed from the minor works grant placed at the disposal of the Lieutenant-General Commanding the Forces. The short expenditure under Establishment and Tools and plant is due partly to the short outlay on works, and partly to no percentage being charged to the amount paid as compensation to Military subordinates on account of quarters.

7. 45. *Imperial Civil Works.*—The original assignment under this head was Rupees 86,000. This was reduced to Rs. 54,862 by the modifications of grants subsequently sanctioned, the chief item being a surrender of Rs. 33,750 from the provision for the meteorological buildings at Kodaikánal. The revised estimate was passed by the Government of India for Rs. 55,000 in round figures. The actual outlay amounted to Rs. 49,198, the lapse being Rs. 5,802 as distributed below:—

	RS.
Works	4,514
Establishment	1,276
Tools and plant, etc.	12
Total ...	5,802

8. The expenditure in the Vizagapatam division fell short of the final grant by Rs. 1,097. This is ascribed chiefly to the savings on the estimate for the telegraph office at Vizagapatam, which was completed and handed over during the year. There was, on the other hand, an excess outlay of Rs. 674 in the West Coast division, which is explained to be due to certain urgent repairs not anticipated, having had to be carried out towards the close of the official year. The *minus* outlay of Rs. 1,045 in the Chingleput division is due to the write-back to Provincial Civil Works of a sum of Rs. 1,448 spent in 1896–97 on the Alathur branch road, which was originally classed under Imperial. A sum of Rs. 1,884 lapsed from the reserve, as the amount

was surrendered too late to be replaced at the disposal of the Government of India. The short expenditure under establishment is principally due to the short outlay on "Works." The lapse under Tools and plant is trifling and calls for no remark.

9. 45. *Provincial Civil Works.*—The budget estimate under this head was framed for Rs. 18,41,000. The following modifications of grants subsequently sanctioned reduced the amount to Rs. 16,70,000, which was fixed by the Government of India as the revised estimate:—

(1) Surrender to the Financial Department of Rs. 176 for repairs to the Deputy Tahsildar's office at Tangasséri (G.O., No. 2048 W., dated 28th July 1897).

(2) Surrender to the Financial Department of Rs. 10,000 for repairs to the Calicut-Vayittiri road (G.O., No. 2405 W., dated 30th August 1897).

(3) Surrender to the Financial Department of Rs. 1,60,824 from the anticipated savings under "Establishment" and "Suspense" reported by the Examiner of Public Works Accounts.

There was, however, a subsequent addition of Rs. 5,735, which was contributed by the District Boards of Chingleput and South Arcot for the restoration of the Alathur branch road, and this raised the final grant to Rs. 16,75,735. The actuals of the year amounted to Rs. 17,79,357, resulting in an excess of Rs. 1,09,357 over the revised estimate. This excess occurred under the following departmental heads:—

	Lapse.	Excess.
	Rs.	Rs.
Works	...	13,943
Establishment	38,605	...
Tools and plant	...	25,201
Suspense	...	1,08,818
Total ...	38,605	1,47,962
Net excess ...	1,09,357	

10. Lapses of over Rs. 500 occurred in the following divisions:—

Gódávari Western Division, Rs. 902.—This amount is made up of short and excess outlay on several original works and on repairs, and calls for no special remarks.

Nellore Division, Rs. 600.—The expenditure on the taluk office at Ongole fell short of the grant by Rs. 1,512, which is explained to be due partly to the restriction of expenditure for some months in the year, and partly to the bricks burnt by the contractor having been returned as unsuitable. There was, however, an excess outlay of Rs. 712 under Civil Buildings—Repairs. The Executive Engineer explains that this excess is due to payment of liabilities incurred in excess of grant in order to cover short outlay under Major Original Works. This explanation is not satisfactory. He should have submitted for the sanction of Government an application for the necessary re-appropriation of grants. The differences between grant and outlay in other cases are trifling.

West Coast Division, Rs. 2,665.—Short and excess outlay occurred on the following works against which are entered the reasons assigned in each case:—

—	Short outlay.	Excess outlay.	Reason.
	Rs.	Rs.	
(1) Combined office for the Deputy Tahsildar and District Munsif at Ottappálam.	710	..	Due to a large quantity of timber having had to be rejected late in the year.
(2) Stationary Sub-Magistrate's office at Puthur.	1,544	..	A portion of the work done had to be condemned at the time of inspection in March 1898.
(3) Stationary Sub-Magistrate's office at Coondapoor.	..	833	Due to more satisfactory progress in March than was anticipated.
(4) Civil buildings—Repairs	..	830	Towards the close of the year certain emergent works had to be put in hand without allotment of funds.
(5) Moplah roads	1,071	..	A grant of Rs. 1,063 was provided too late to be utilized before the close of the official year.
(6) 145 police huts at Mangalore	329	..	Contract was cancelled and work done by other agency.
(7) Government training school at Mangalore.	368	..	Savings on the estimate.
(8) District Munsif's Court at Karkal ..	377	..	Represents the credit to the work during the year.

Salem Division, Rs. 1,151.—There was a *minus* outlay of Rs. 697 against a grant of Rs. 120 under minor works. The Superintending Engineer explains that this will be adjusted by write-back entries from minor to major orginal works in the supplemental accounts for March 1898. This write-back does not appear to have been made as anticipated. The short outlay on other works is trifling.

Public Works Stores, Rs. 2,726.—The short expenditure is ascribed to the provision of Rs. 2,750 made to cover the loss due to depreciation of stock not having been adjusted before the close of the official year.

Madura Division, Rs. 748.—The expenditure on minor original works fell short of the grant by Rs. 543. This is attributed to an additional allotment having been sanctioned late in the year. The lapses from other works are too small to be noticed.

11. Expenditure in excess of allotment was incurred in the following divisions, and the causes of excess have been noted against the works concerned:—

Vizagapatam Division, Rs. 980.—The outlay on the taluk office at Palkonda and on minor works exceeded the grants by Rs. 819 and Rs. 505, respectively. The excess in each case is explained to be due to more work having been turned out and paid for in March 1898 than was anticipated. There was, on the other hand, a lapse of Rs. 628 under Civil Buildings, Repairs, on account of the non-completion of repairs to certain buildings. The differences between grant and expenditure in regard to other works do not call for remarks.

Gódávari Central Division, Excess Rs. 1,152.—This is ascribed to the good progress on the Deputy Tahsildar's office at Kottapeta.

Kistna Western Division, Rs. 592.—The excess outlay is due to the payment in the District Court, Masulipatam, of the acknowledged liability, including percentage deductions from contractor's bills, for work done on the taluk office at Bapatla.

Bellary Division, Rs. 1,360.—The excess outlay is made up as follows:—

—	Excess.	Lapse.	Reasons assigned.
	Rs.	Rs.	
(1) Taluk office at Dharmavaram ..	1,904	..	Progress good, and hence more money spent.
(2) Do. at Madakasira	..	568	The amount applied for was more than the actual requirement. The balance of grant was transferred to another work, but it was too late to be accepted.
(3) Do. at Gooty	..	654	No final payment could be made as the revised estimate was not sanctioned.
(4) Improvements to the taluk office at Alúr.	925	..	Progress good. Additional funds were applied for, but it was too late to be granted.
(5) Improvements to the taluk office at Hospet.	..	445	Contractor refused to accept the final bill. Payment could not therefore be made.
(6) Police office, Anantapur	..	3,000	The amount could not be paid owing to a dispute with the contractor, and was transferred to other works too late.
(7) Head Assistant Collector's residence at Hospet.	335	..	No allotment was applied for, as the amount required was less than Rs. 500.
(8) Police station at Brucepetta	189	..	Do. do. do.
(9) Sub-Registrar's office at Alúr ..	217	..	Do. do. do.
(10) Tools godown, Bellary	382	..	Extension of the godown was necessary.
(11) Taluk cutcherry, Kalyandrug ..	1,000	..	Materials were collected and paid for. There was no time to obtain an additional allotment.
(12) Minor Works, Civil Buildings ..	439	..	The excesses could not be anticipated in time to apply for additional funds.
(13) Repairs, Civil Buildings	500	..	

In regard to the explanations afforded for the above variations, the Chief Engineer observes that there would have been a closer correspondence between grant and outlay, had the Executive Engineer kept a careful watch on the progress of works and submitted in time applications for the necessary modifications of grants. The attention of the Superintending Engineer was drawn to this matter in the review for 1896–97.

Kurnool Division, Rs. 1,627.—This amount is made up of small excesses on several items which do not require special notice.

Coimbatore Division, Rs. 2383.—*Filling in the upper portion of the Cotacamund Lake.*—The grant was exceeded by Rs. 2,453 owing to adjustments carried out in the supplemental accounts for March 1898.

Anamalai Ghât road.—The outlay exceeded the grant by Rs. 555 on account of certain advances made to piece-workers for collecting labour.

Deepening the Maingate well, Central Jail, Coimbatore.—A lapse of Rs. 995 is reported to be due to the delay in sanctioning the revised estimate. The differences between grant and outlay in the case of other works are small.

South Arcot Division, Rs. 1,236.—The excess outlay is chiefly due to the expenditure incurred without appropriation on certain incomplete works of the previous year. The outlay in each case being less than Rs. 500, no specific allotment was necessary under Code rules.

Tanjore Division, Rs. 9,602.—The bulk of this excess, viz., Rs. 9,244, was incurred in the public offices at Tanjore. It was explained that the expenditure exceeded the grant on account of adjustments carried out in the supplemental accounts for March 1898, and that no additional allotment could be obtained to cover these charges. This explanation was considered unsatisfactory, and the attention of the officers concerned was drawn to this matter (*vide* G.O., No. 1956 W., dated 4th August 1898). The balance of the excess, viz., Rs. 358, occurred on several items which call for no remark.

Architect Division, Rs. 1,740.—The excess expenditure is made up as follows.

Civil Buildings, Repairs, Excess Rs. 675—due to large debits raised by the Executive Engineer, Military Works, Bangalore, for repairs to Civil Works at that station.

Miscellaneous Public Improvements, Repairs, Excess Rs. 1,065—due to payment of bills to the Madras Municipality for water-supply.

12. There was a lapse of Rs. 6,713 in the Kistna Eastern, and an excess outlay of Rs. 7,043 in the Kistna Northern division. In February 1898, the head works and the workshops at Bezwada were transferred to the former division, in order to enable the Executive Engineer of the latter division to investigate irrigation projects. Instead of applying for sanction to the transfer of the unspent balances of grants for the Kistna Northern division, the Superintending Engineer submitted a statement transferring the whole grants, which was accordingly sanctioned. This accounts for the short outlay in the Kistna Eastern and the excess expenditure in the Kistna Northern division. The lapse of Rs. 38,605 under "Establishment" is due to the credits to this head on account of percentage charges on works, outlay under funds other than 15. Provincial having exceeded the anticipated realizations.

The excess of Rs. 25,201 under tools and plant is attributed to the write-back of the value of tools returned to stores from famine-relief works to which head they were originally charged. There was an increase of Rs. 44,818 under suspense. The large difference between the revised estimate and actuals under this head is stated by the Examiner to be due to erroneous estimates furnished by Executive Engineers. The attention of the Executive officers of the department has been separately drawn to the necessity for framing accurate estimates under "Suspense" (*vide* G.O., No. 3008 W., dated 24th November 1898).

13. 45. *Incorporated Local Civil Works.*—The budget estimate provided for an expenditure of Rs. 67,000. The modifications subsequently sanctioned reduced the amount to Rs. 58,610, but the revised estimate was fixed in round figures at Rupees 58,000. The actual expenditure amounted to Rs. 45,589, or Rs. 12,411 less than the revised estimate. The distribution of the lapse of Rs. 12,411 under departmental heads is shown below:—

	Rs.
Works	1,589
Establishment	10,550
Tools and Plant	272
Total ...	12,411

14. The short outlay of Rs. 1,589 on works occurred in the following divisions:—

Nellore Division.—A lapse of Rs. 411 occurred in this division, and is due to an allotment of Rs. 400 sanctioned in March 1898 not having been utilised before the expiry of the official year.

Tanjore Division.—There was a short outlay of Rs. 615 which is ascribed to the expenditure on certain works having been less than anticipated.

Tinnevelly Division.—A *minus* expenditure of Rs. 330 is shown against this division, and is said to be due to the write-back of the outlay on the Srívaikuntam-Periakulam road. The short expenditure in other divisions is trifling and calls for no remarks. The lapse under establishment is due to the contribution for the scrutiny of estimates having been much overestimated. The lapse under tools and plant was Rs. 272 only.

15. *Excluded Local Civil Works.*—The original assignment under this head was Rs. 2,08,799. Subsequent modifications reduced the amount to Rs. 93,222, which was set down as the revised estimate. The actuals amounted to Rs. 1,17,254 or Rs. 23,932 in excess of the final grant. The excess of Rs. 23,932, distributed under departmental heads, is shown below:—

	More.	Less.
	Rs.	Rs.
Works	...	6,109
Establishment	28,014	...
Tools and Plant	2,027	...
Total ...	30,041	6,109
Net excess ...	23,932	

16. Lapses occurred in the following divisions:—

Kistna Eastern Division, Rs. 356.—The short outlay occurred under Minor Works and Repairs.

West Coast Division, Rs. 1,663.—Of this sum, Rs. 451 lapsed from the grant for the Port Officers quarters at Calicut, as the final bill had to be returned at the end of March 1898. There was also a short outlay of Rs. 436 and Rs. 772 under Minor Works and Repairs, respectively. The lapse in the former case is attributed to the late receipt of sanction to an allotment of Rs. 600. The short outlay under repairs is explained to be due to the sudden stoppage of repairs to the pier at Calicut when it was too late to surrender the balance of grant.

Madura Division, Rs. 2,054.—The lapse is due to the write-back to the head "Miscellaneous advances" of an outlay of Rs. 2,294 incurred in 1895-96 on repairs to the Tumkan bungalow.

Tinnevelly Division, Rs. 2,655.—The short outlay is due to a credit adjustment of an expenditure of Rs. 1,820 incurred in 1896-97 on the pier at Tuticorin, which was re-debited to the South Indian Railway during the year, and to the late receipt of sanction to the allotment for the Port Officers quarters at the same station.

Architect Division, Rs. 703.—The lapse occurred under Minor Works and Repairs. No explanation has been afforded.

17. There was an excess expenditure of Rs. 1,619 in the lighthouse division, which is due to the good progress made in March 1898 on the lighthouses at Havelock Point and Manapaud.

18. In the accounts for March 1898, the entire cost of the Lighthouse establishment (together with 2 per cent. on works outlay for direction and accounts) and of tools and plant incurred in the lighthouse division, was written back from Provincial Civil Works to Excluded Local Port Funds. The expenditure under establishment and tools and plant therefore exceeded the final grants under these heads.

19. *Works in Estates under the Court of Wards.*—The budget grant was Rs. 5,535 and was subsequently increased to Rs. 11,954. The actual outlay amounted to Rs. 11,363 or Rs. 591 short of the final grant. The lapse of Rs. 591 is made up of Rs. 480 on "Works" and Rs. 111 on "Establishment."

20. In the Ganjám division there was a short outlay of Rs. 1,306 on works in the Bodogodo estate, due to want of sufficient requisitions, and to paucity of subordinates who had to be withdrawn from ordinary duty owing to famine exigencies, but a sum of Rs. 817 was spent without appropriation on improvements to Royijholobondhs of Koitra in the Dhárákóta estate. A lapse of Rs. 1,489 occurred in the Vizagapatam division, which is attributed to the failure of the piece-worker. Towards the close of the year an outlay of Rs. 1,498 was incurred on urgent repairs to Sivasamudram bridges in the Coimbatore division for which no allotment could be obtained in time.

33. *Famine Relief.*—The Government of India passed a sum of Rs. 10,41,000 for expenditure on famine-relief works during 1897–98. As distress increased, relief works were opened in rapid succession and the grant was increased to Rs. 67,19,000. The revised estimate was, however, fixed at Rs. 66,86,000. The actual outlay amounted to Rs. 65,69,653 or Rs. 1,16,347 less than the revised estimate.

This large sum was spent on the following works :—

	Rs.
Collection of ballast for railways	43,398
Constructing and repairing irrigation works	4,78,882
Constructing roads	16,49,536
Repairing roads	38,48,680
Miscellaneous public improvements	65,709
	60,86,205
Establishment	2,76,045
Tools and Plant	2 07,403
Total ...	65,69,653

The services of the officers and subordinates engaged in these very arduous and extensive operations have already, for the most part, been recognised by Government. It will be sufficient to say here that, with very few exceptions, one and all worked with a devotion to duty deserving of the highest praise.

21. In 1896–97 the total expenditure under all funds administered by the General Branch amounted to Rs. 30,39,469 against the budget grant of Rs. 31,05,086 and the revised grant of Rs. 29,30,200, the excess over revised grant being Rs. 1,09,269 or about 3·7 per cent. During the year under review the expenditure amounted to Rs. 86,47,680 against the budget estimate of Rs. 33,30,234 and the revised estimate of Rs. 86,56,276, the lapse being Rs. 8,604 or about ·01 per cent.

22. The subjoined statement compares the grant for "Works" above with the actual expenditure :—

	Budget grant.	Final grant.	Actuals.
	Rs.	Rs.	Rs.
44. Imperial Military Works	64,800	65,542	62,575
45. Imperial Civil Works	69,000	43,994	39,586
45. Provincial Civil Works	10,45,567	10,32,203	10,41,829
45. Incorporated Local	45,849	39,913	38,324
Excluded Local	1,67,710	75,126	69,017
Works on Estates	4,500	9,718	9,238
33. Famine	9,47,500	61,34,300	60,86,210
Total ..	23,44,926	74,00,796	73,46,779

The grant assigned in the budget to divisions on account of "Original Works" and "Repairs" under all funds (exclusive of the reserve with the Government) amounted to Rs. 23,16,618. It was subsequently increased to Rs. 73,94,883 against which the actual expenditure amounted to Rs. 73,46,779, the lapse being Rs. 48,104 or about ·07 per cent. During the year 1896–97 the outlay on "Works" amounted to Rs. 22,95,230 against the budget grant of Rs. 19,36,704 and the final grant of Rs. 21,80,397, the excess over the final grant being 5 per cent.

23. The following are the divisions in which lapses of over Rs. 1,000 occurred on the total final grants under all funds except 33. Famine Relief :—

	Rs.
(1) West Coast	4,782
(2) Tinnevelly	3,049
(3) Madura	2,798
(4) Public Works Stores	2,726
(5) Vizagapatam	1,923
(6) Chingleput	1,451
(7) Salem	1,150
(8) Nellore	1,012

24. Regarding the operations of the department as a whole the Chief Engineer is of opinion that in view of the fact that for about 6 months during the year all divisions were shorthanded on account of famine, the progress of works was satisfactory and creditable to the departmental staff. There is still room, however, for more careful attention to the points enumerated in the concluding paragraph of the review for 1896–97, and it is hoped that the officers of the department will exercise closer scrutiny during the current official year.

(Signed) W. B. DEWINTON,
Chief Engineer.

11th January 1899.

ENCLOSURES.

A.

STATEMENT showing the total outlay during 1897-98 under all funds administered by the General Branch, arranged by departmental heads.

Departmental heads and funds.	Budget estimate.	Revised estimate.	Outlay.
	RS.	RS.	RS.
44. Military Works, Imperial—			
Original Works	14,800	9,700	8,411
Repairs	50,000	56,000	54,164
Establishment	15,200	15,460	12,048
Tools and Plant	900	900	643
Total ..	80,900	82,000	75,266
45. Civil Works, Imperial—			
Original Works	51,700	30,100	27,080
Repairs	17,300	14,000	12,506
Establishment	16,000	10,300	9,024
Tools and Plant	1,000	600	589
Expenditure in England and Exchange			— 1
Total ..	86,000	55,000	49,198
45. Civil Works, Provincial—			
Original Works	7,30,567	7,22,965	7,24,444
Repairs	3,15,000	3,04,921	3,07,385
Establishment	6,77,908	5,55,517	5,16,912
Tools and Plant	1,17,525	1,50,597	1,75,798
Suspense	..	— 64,000	44,818
Total ..	18,41,000	16,70,000	17,79,357
45. Civil Works, Incorporated Local—			
Original Works	19,016	10,841	6,679
Repairs	26,833	29,072	31,645
Establishment	20,676	17,536	6,986
Tools and Plant	475	551	279
Total ..	67,000	58,000	45,589
Excluded Local, Civil Works —			
Original Works	1,59,700	64,411	61,579
Repairs	8,010	10,715	7,438
Establishment	38,573	16,383	44,397
Tools and Plant	2,516	1,813	3,840
Total ..	2,08,799	93,322	1,17,254
Works in estates under the Court of Wards—			
Original Works	4500	9,718	3,730
Repairs			5,508
Establishment	1,035	2,236	2,125
Total ..	5,535	11,954	11,363
33. Famine Relief Works, Imperial—			
Original Works	4,06,200	19,89,541	19,69,917
Repairs	5,41,300	41,11,759	41,16,293
Establishment	75,000	2,57,900	2,76,044
Tools and Plant	18,500	3,26,800	2,19,060
Expenditure in England	..	..	— 7,460
Exchange	..	..	— 4,201
Total ..	10,41,000	66,86,000	65,69,653

N.B.—The grant and outlay under 33. Famine Relief include figures relating to works under I. Railways and II. Irrigation.

B.

STATEMENT showing by divisions the budget grants, final grants and actual expenditure on Original Works and Repairs under all funds administered by the General Branch during 1897-98.

Number.	Divisions.	44. Military Works, Imperial.			45. Civil Works, Imperial.			45. Civil Works, Provincial.			Excluded Local.		
		Budget grant.	Final grant.	Outlay.	Budget grant.	Final grant.	Outlay.	Budget grant.	Final grant.	Outlay.	Budget grant.	Final grant.	Outlay.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1	Ganjam ..	1,000	1,000	2,023	500	1,036	1,038	54,169	44,456	44,575	400	585	504	520	595	589
2	Vizagapatam ..	2,800	2,800	2,597	8,800	12,188	11,091	48,515	38,483	39,463	..	..	..	..	1,902	1,788
3	Gódávari Eastern ..	1,000	1,120	995	1,500	1,110	1,094	44,153	35,739	35,333	3,100	2,100	2,079	36,400	5,046	4,954
4	Gódávari Western ..	..	..	..	..	..	..	21,800	4,467	3,565	..	..	49	..	72	72
5	Gódávari Central ..	..	..	..	400	335	665	7,951	5,943	7,095	..	54	934	..	..	..
6	Kistna Northern ..	360	360	330	300	320	..	27,896	18,166	25,209	1,000	1,300	377	40,700	606	250
7	Kistna Eastern ..	..	..	80	50	..	..	17,391	31,029	24,316	300	825	887	..	..	..
8	Kistna Western ..	..	..	..	..	..	..	23,487	9,687	10,279	1,800	1,000	589	..	..	..
9	Nellore ..	240	240	239	..	..	..	20,320	16,360	15,760	600	..	..	..	136	136
10	Buckingham Canal ..	..	..	..	..	..	..	1,932	1,913	1,537	..	..	..	..	..	..
11	Bellary ..	..	..	..	600	473	357	21,983	54,774	56,134	..	..	..	..	..	..
12	Cuddapah ..	..	..	..	200	200	157	12,658	13,158	12,956	..	..	..	..	..	..
13	Kurnool ..	..	..	..	200	385	369	36,167	11,566	13,193	..	..	..	..	..	..
14	West Coast ..	38,339	35,907	34,779	2,000	1,252	1,926	1,69,675	1,52,959	1,50,294	..	..	15	67,890	16,520	13,857
15	Coimbatore ..	8,400	11,400	11,114	2,000	1,400	1,336	1,71,542	1,97,624	2,00,007	..	..	..	..	..	..
16	Salem ..	200	200	200	500	500	501	8,400	13,230	12,079	..	..	..	..	..	..
17	North Arcot ..	500	1,650	1,650	300	150	183	6,589	9,480	9,441	..	..	..	..	..	..
18	Public Works Stores ..	..	..	..	..	..	..	963	4,100	1,374	..	..	..	..	..	..
19	Public Works Workshops ..	..	..	..	..	..	..	1,000	1,000	1,008	..	..	..	..	..	..
20	Chingleput ..	..	..	..	..	..	..	5,124	20,427	20,541	3,995	3,995	3,744	1,290	290	290
21	South Arcot ..	30	..	..	150	205	460	19,351	43,031	44,267	5,735	9,965	9,350	1,000	..	..
22	Tanjore ..	..	..	17	500	500	497	75,066	44,483	54,085	17,849	17,329	17,487	2,410	3,578	3,493
23	Negapatam ..	264	284	284	120	352	522	2,425	3,998	3,504	1,070	2,760	2,627	..	..	..
24	Trichinopoly ..	6,327	8,169	8,127	600	1,450	1,406	23,450	23,699	24,130	10,000	..	12	..	..	2,054
25	Madura ..	150	240	240	43,700	2,625	2,617	6,000	17,999	17,251	..	..	330	11,500	3,285	630
26	Tinnevelly ..	360	..	..	800	880	724	26,715	25,223	25,315	..	..	..	3,000	5,479	4,776
27	Architect ..	..	..	..	3,800	16,289	16,045	1,83,426	1,87,347	1,89,087	..	..	..	..	38,617	40,236
28	Lighthouse ..	4,800	2,222	..	2,080	1,884	..	18,428	1,807	32	..	..	..	3,000	..	..
29	Reserve ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	64,800	* 65,542	62,575	69,000	* 43,994	39,586	10,46,567	* 10,82,208	10,41,829	45,849	* 39,983	38,324	1,67,710	* 75,126	69,017

* The figures represent actual grant on the 31st March 1898.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the followir

From the Supt.g: Engineer, I Circle, No. 233 G.L, dt 8th June 1898.
Do — I " " 235 G.L, " 13th June 1898
Do — II " " 387 G.L, " 5th July 1898
Do — II " " 831 N.L, " 29th July 1898
Do — III " " 27 C, " 18th June 1898
Do — IV " " 350 W, " 4th July 1898
Do — V " " 402 W, " 22nd June 1898
Do — V " " 403 W, " 22nd June 1898
Do — V " " 404 W, " 22nd June 1898
Do — V " " 405 W, " 22nd June 1898
Do — V " " 406 W, " 22nd June 1898
Do — VI " " 1014 T.C, " 29. June 1898
Do — VI " " 1015 T.C, " 29. June 1898
Do — VI " " 1016 T.C, " 29. June 1898
Do — VI " " 1017 T.C, " 29. June 1898
Do — VI " " 1018 T.C, " 29. June 1898
Do — VI " " 1019 T.C, " 29. June 1898

From the Consulting Architect to Government, No. 934
dated 25th June 1898.

Office Note from the Examiner, P. W. Accounts, No. 3046 B/
dated 2nd September 1898.

Note by the Chief Engineer, P. W. D, dt January 1899.

[P. W. 40 500—15-11-98.]

Order: No: 466 W dt 13.2.99.

With his note read above, the Chief Engineer submits a review of the operations of the P.W. Department under General Buildings and Roads during the year 1897-98.

2. The attention of the officers concerned is drawn to the concluding para of the note.

3. It is observed that explanations have not been furnished for short and excess expenditure in some cases. ~~It is hoped that~~ Such omissions shall not occur in future.

4. Ordered that a copy of these Proceedings be forwarded to the Government of India.

A&K 11-1-99.

To 1 Supdtg: Engineers
The Supdt. of Works, 2nd Division.
" Condtg: Architect to Govt
" Examiner, P.W. Accounts.

Mag

(H.C. No 467 W, dt 13 ~~Jany~~ February 1899)
Forwarded to the Government of India with reference to the resolution in the Department of Finance

P.S.H 20.1.99

H.C.

Line see our Revised & Rev. & Expenditure last year, when it returns from Circle

2. Above f/o

(25 Nov. 1898)

Cottingham Park

HC

2. Please see G.O. 2755 W dt 26/10/98 last ¶

26/10

18.1.99

W

1. Noted.

2. G.O. submitted herewith

18/1/99

Public Works Department

Note by the Chief Engineer

The accompanying two statements which compare the budget and final grant for 1897-98 with the actual expenditure during that year, under all funds administered by the Chief Engineer and Secretary to Government, P.W.D. are submitted for the information of Government with reference to para 16, Chapter III, Vol I of the P.W. Code. Statement A exhibits the total grant and expenditure under each fund, arranged by departmental heads, and statement B, shows, by divisions, the grants and expenditure on "Original Works" and "Repairs." The figures given in the statements include the outlay adjusted in the supplemental accounts for March 1898, and have been verified by the Examiner of P.W. Accounts.

2. The total expenditure under all funds amounted to Rs 86,47,680 against the budget grant of Rs 33,30,234 and the revised grant of Rs 86,56,276

as shown below.

Funds	Budget grant	Revised grant	Expenditure
44. Imperial Military Works	80900	82000	75266
45. Imperial Civil Works	86000	55000	49198
45. Civil Works. Provincial	1841000	1670000	1779357
45. Civil Works. Incorporated Local	67000	58000	45689
Excluded Local Civil Works	208799	93322	117254
Estate Works	5535	11954	11363
33 Famine Relief	1041000	6686000	6569653
Total	3330234	8656276	8647680

3. The differences between the original and final grants, and the causes of excess or short outlay under each fund are explained in the following paragraphs.

4. 44 Imperial Military Works

The budget grant under this head was Rs 80900, but the modifications of allotments subsequently sanctioned for the works noted in the margin * ~~reduced~~ Colonel the Amount to Rs 81730. The Government of India, however, fixed the revised estimate at Rs 82000 in round figures. The total expenditure during the year amounted to Rs 75266, or Rs 6734 less than the revised grant. The lapse of Rs 6734 occurred as shown below

Additions

* (1) Magazine at Trichinopoly	Rs 598
(2) Upkeep of Military Works at Quilon	7500
(3) Quarters for the Serjt Instructor attached to the S. I. Ry. Volunteer Corps at Trichinopoly	1447
	Total 9545

Surrenders

(4) New block of married quarters at West Hills. Calicut	Rs 8715
Net ~~reduction~~ addition	Rs 830.

Works ..... Rs 3126
Establishment Rs 3552
Tools and Plant Rs 257
Total Rs 6734.

30

5. The final grants for the Ganjam and Vizagapatam Divisions, as shown in statement B, do not include allotments to the extent of Rs 942 & 823 respectively sanctioned for minor works by the General officer Commanding the Madras District.

6. In the Vizagapatam Division there was a short-outlay of Rs 1026 due to the late receipt of the estimates for annual repairs to the Military buildings in the Vizianagaram Cantonment and the Vizagapatam Fort. There was also a lapse of Rs 1128 in the West Coast Division, and this is ascribed to the stoppage of work on the new block of married quarters at Calicut and to the Amount placed at the disposal of the ~~C.E.~~ Chief Engineer Travancore, for repairs to the works at Quilon, not having been drawn by that officer. The short or excess outlay in other Divisions is trifling and calls for no remarks.

lessons. A sum of Rs 457 lapsed from the minor works grant placed at the disposal of the Lieutenant General Commanding the Forces. The short expenditure under Establishment and Tools and Plant is due partly to the short outlay on Works, and partly to no percentage being charged to the Amount paid as Compensation to Military subordinates on account of quarters

7. 45. Imperial Civil Works

The original assignment under this head was Rs 86000. This was reduced to Rs 54862 by the modifications of grants subsequently sanctioned, the chief item being a surrender of Rs 33750 from the provision for the Meteorological buildings at Kodaikanal. The revised estimate was passed by the Government of India for Rs 55000 in round figures. The actual outlay amounted to Rs 49198, the lapse being Rs 5802 as distributed below

Works ---	Rs 4614
Establishment	Rs 1276
Tools & Plant	Rs 12
	5802

8. The expenditure in the Vizagapatam Division fell short of the final grant by Rs 1097. This is ascribed chiefly to the savings on the estimate for the Telegraph Office at Vizagapatam, which was completed and handed over during the year. There was, on the other hand, an excess outlay of Rs 674 in the West Coast Division, which is explained to be due to certain urgent repairs not anticipated having had to be carried out towards the close of the Official year. The minus outlay of Rs 1045 in the Chingleput Division is due to the write back to Provincial Civil Works of a sum of Rs 1148 spent in 1896-97 on the Alathur Branch Road, which was ori-ginally classed under Imperial. A sum of Rs 1884 lapsed from the reserve, as the Amount was surrendered too late to be replaced at the disposal of the Government of India. The short expenditure under Establishment is principally due to the short outlay on "Works". The lapse under Tools and Plant is trifling and calls for no remark

9

45. Provincial Civil Works

The budget estimate under this head was framed for Rs 18,41,000. The following modifications of grants subsequently sanctioned reduced the amount to Rs 16,70,000, which was fixed by the Government of India as the revised estimate

(1) Surrender to the Financial Dept of Rs 176 for repairs to the Deputy Tahsildar's office at Sangasseri (G.O. No 2048 W. of 28-7-97)

(2) Surrender to the Financial Department of Rs 10,000 for repairs to the Calicut Vayithri Road (G.O. No 2405 W. of 30-8-97)

(3) Surrender to the Financial Department of Rs 160,824 from the anticipated savings under "Establishment" and "Suspense" reported by the Examiner of Public Works Accounts.

There was, however, a subsequent addition of Rs 5,735 which was contributed by the District Boards of Chingleput and South Arcot for the restoration of the Alathur Branch Road, and this raised the final grant to Rs 16,75,735. The actuals of the year amounted to Rs 17,79,357 resulting in an excess of Rs 1,09,357 over the revised estimate. This excess occurred under the following departmental heads

58

	Lapse. Rs	Excess. Rs
Works		13,943
Establishment.	38,605	
Tools and Plant		25,201
Suspense		1,38,818
Total	38,605 —	1,47,962

Net excess Rs 1,09,357

10. Lapses of over Rs 500 occurred in the following divisions

Godaveri Western Division Rs 902

This amount is made up of short and excess outlay on several original works and on repairs, and which calls for no special remarks

Nellore Division Rs 600. The expenditure on the taluk office at Ongole fell short of the grant by Rs 1512, which is explained to be due partly to the restriction of expenditure for some months in the year, and partly to the bricks burnt by the Contractor having been returned as unsuitable. There was, however, an excess outlay of Rs 712 under Civil buildings. Repairs. The Executive Engineer explains

that This excess is due to payment of liabilities incurred in excess of grant in order to cover short outlay under major original Works. This explanation is not satisfactory. He should have submitted for the Sanction of Government an application for the necessary reappropriation of grants. The differences between grant and outlay in other Cases are trifling

West Coast Division Rs 2665

Short and excess outlay occurred ~~in~~ the following works against which are entered the reasons assigned in each case

	short-outlay	Excess outlay	Reason
(1) Combined Office for the Dy Tahsildar & Dt Munsiff at Ottapalam	710		Due to a large quantity of timber having had to be repacked late in the year.
(2) Stationary Sub magistrate's Office at Pattambi	1544		A portion of the work done had to be condemned at the time of inspection in March 98
(3) Stationary Sub magistrate's office at Kundapur		833	Due to more satisfactory progress in March than was anticipated
(4) Civil Buildings, Repairs		830	Towards the close of the year certain emergent works had to be put in hand without allotment of funds
(5) Moplah Roads	1071		A grant of Rs 1063 was provided too late to be utilized before the close of the Official year
(6) 145 Police Huts at Mangalore	329		Contract was cancelled & work done by other agency
(7) Govt training School at Mangalore	368		Savings on the estimate
(8) District Munsiff's Court at Karkal	377		Represents the credit to the work during the year

Salem Division Rs 1151.

There was a minus outlay of Rs 697 against a grant of Rs 120 under Minor works. The Superintending Engineer explains that this will be adjusted by write back entries from minor to major Original works in the Supplemental accounts for March 1898. This write back does not appear to have been made as anticipated. The short outlay on other works is trifling.

Public Works Stores Rs 2726

The short expenditure is ascribed to the provision of Rs 2750 made to cover the loss due to depreciation of stock not having been adjusted before the close of the official year.

Madura Division Rs 748

The expenditure on minor original works fell short of the grant by Rs 543. This is attributed to an additional allotment having been Sanctioned late in the year. The lapses from other works are too small to be noticed.

11. ~~Excess outlay~~ Expenditure in excess of allotment ~~Excess outlay~~ was incurred in the following divisions, and the Causes of excess have been noted against the works Concerned

Vizagapatam Division Rs 980

The outlay on the taluk office at Palkonda and on

minor works exceeded the grants by Rs 819 and 505 respectively. The excess in each case is explained to be due to more work having been turned out and paid for in March 1898 than was anticipa-ted. There was, on the other hand, a lapse of Rs 628 under civil buildings. Repairs, on account of the non completion of repairs to certain buildings. The differences between grant and expenditure in regard to other works do not call for remarks.

Godavari Central Division

Excess 1152. This is ascribed to the good progress on the Deputy Tahsildar's Office at Kittapeta

Kistna Western Division Rs 592

The excess outlay is due to the payment in the District Court Masulipatam of the acknowledged liability, including percentage de-ductions from Contractor's bills, for work done on the Taluk Office at Bapatla.

Bellary Division. Rs 1360

The excess of outlay is made up as follows:

	Excess	Lapse	Reasons assigned.
(1) Taluk office at Dharmavaram	1904		Progress good & hence more money spent
(2) do. at Madakasira		568	The amount applied for was more than the actual requirement. The balance of grant was transferred to another work but it was too late to be accepted
(3) do. at Gooty		654	No final payment could be made as the re-vised estimate was not sanctioned
(4) Improvements to the taluk office at Alur	925		Progress good. Additional funds were applied for but it was too late to be granted
(5) do. at Hospet		445	Contractor refused to accept the final bill Payment could not therefore be made
(6) Police Office. Anantapur		3000	The amount could not be paid owing to a dispute with the Contractor & was transferred to other works too late
(7) Head Assistant Collector's residence at Hospet	335		~~No allotment was made as the amount required was under Rs 500~~. No allotment was applied for as the amount required was less than Rs 500
(8) Police Station at Brucepet	189		do do do
(9) Sub Registrar's Office at Alur	217		do do do
(10) Tools Godown, Bellary	382		Extension of the godown was necessary
(11) Taluk cutcherry Kalyandroog.	1000		Materials were collected and paid for There was no time to obtain an addition-al allotment
(12) Minor works. Civil buildings	439		The excesses could not be anticipated in time to apply for additional funds
(13) Repairs — do	500		

In regard to the explanations afforded for the above variations, the Chief Engineer observes that there would have been a closer correspondence between grant and outlay, had the Executive Engineer kept a careful watch on the progress of works and Sub-mitted in time applications for

the necessary modifications of grants. The attention of the Superintending Engineer was drawn to this matter in the review for 1896-97

Flag R

Kurnool Division Rs 1627

This Amount is made up of small excesses on general items which do not require special notice

Coimbatore Division Rs 2383

Filling in the upper portion of the Cotacamunde Lake. The grant was exceeded by Rs 2453 owing to adjustments carried out in the supplemental accounts for March 1898

Anamalai Ghat Road

The outlay exceeded the grant by Rs 555 on account of certain advances made to piece workers for collecting labour

Deepening the Maingate well Central Jail. Coimbatore

A lapse of Rs 995 is reported to be due to the delay in sanctioning the revised estimate. ~~The differ~~ The differences between grant and outlay in the case of other works are small

South Arcot Division Rs 1236

The excess outlay is chiefly due to the expenditure incurred

8 8

without appropriation on certain incomplete works of the previous year. The outlay in each case being less than Rs 500, no specific allotment was necessary under Code rules

Tanjore Division Rs 9602

The bulk of this excess, viz Rs 9244, was incurred in the public offices at Tanjore. It was explained that the expenditure exceeded the grant on account of adjustments carried out in the supplemental Accounts for March 1898, and that no additional allotment could be obtained to cover these Charges. This explanation was considered unsatisfactory, and the attention of the officers concerned was drawn to this matter vide G.O. No 1956 W dt 4th Augt 1898. The balance of the excess, viz Rs 358, occurred on general items which call for no remark.

Flag Q

Architect Division Rs 1740

The excess expenditure is made up as follows:—

Excess
Civil buildings. Repairs. Rs 675.

Due to large debits raised by the Executive Engineer. Military Works. Bangalore for repairs to Civil works at that station

Miscellaneous Public Improvements Repairs. Excess Rs 1065. Due to payment of bills to the Madras Municipality for water supply

12. There was a lapse of Rs 6713 in the Kistna Eastern, and an excess outlay of Rs 7043 in the Kistna Northern Division. In February 1898, the head works and the workshops at Bezwada were transferred to the former division, in order to enable the Executive Engineer of the latter division to investigate irrigation projects. Instead of applying for sanction to the transfer of the unspent balances of grants for the Kistna Northern Division, the Superintending Engineer submitted a statement transferring the whole grants, which was accordingly sanctioned. This accounts for the short outlay in the Kistna Eastern and the excess expenditure in the Kistna Northern Division. The lapse of Rs 38605 under "Establishment" is due to the credits to this head on account of per centage charges on works outlay under funds other than 45. Provincial having exceeded the anticipated realizations. The excess of Rs 25201 under

98

Tools and Plant is attributed to the write-back of the value of tools returned to stores from Famine Relief works, to which they were originally charged. There was an increase of Rs 44818 under suspense. The large difference between the revised estimate and actuals under this head is stated by the Examiner to be due to erroneous estimates furnished by Executive Engineers. The attention of the Executive Officers of the Department has been repeatedly drawn to the necessity for framing accurate estimates under "Suspense" vide G.O. No. 3008 W. dated 24th November 1898.

13. 45 Incorporated Local Civil Works

The budget estimate provided for an expenditure of Rs 67,000. The modifications subsequently sanctioned reduced the Amount to Rs 58,610, but the revised estimate was fixed in round figures at Rs 58,000. The actual expenditure Amounted to Rs 45,589, or Rs 12411 less than the revised estimate. The distribution of the lapse of Rs 12,411 under departmental heads is shown below

	Rs
Works	1589
Establishment	10,550
Tools & Plant	272
Total	12,411

14. The short outlay of Rs 1589 on works occurred in the following divisions.

Nellore Division A lapse of Rs 411 occurred in this Division, and is due to an allotment of Rs 400, sanctioned in March, 1898, not having been utilised before the expiry of the official year

Tanjore Division There was a short outlay of Rs 615, which is ascribed to the expenditure on certain works having been less than anticipated

Tinnevelly Division A minus expenditure of Rs 330 is shown against this Division, and is said to be due to the write back of the outlay on the Srivaikuntam Periakulam pond | The short expenditure in other divisions is trifling and calls for no remarks. The lapse under Establishment is due to the Contribution for the scrutiny of estimates having been much overestimated. The lapse under Tools and Plant was Rs 272 only.

15. Excluded Local Civil Works

The original assignment under this head was Rs 208799. Subsequent modifications reduced the Amount to

Rs 93222, which was set down as the revised estimate. The actuals Amounted to Rs 117254, or Rs 23932 in excess of the final grant. The excess of Rs 23932, distributed under departmental heads, is shown below

	More Rs	Less Rs
Works		6109
Establishment	28014	
Tools & Plant	2027	
Total	30041	6109
Net excess	23932	

16 Lapses occurred in the following divisions. ~~The short~~

Kistna Eastern Division Rs 356. The short outlay occurred under minor works and Repairs

West Coast Division Rs 1663

Of this sum, Rs 451 lapsed from the grant for the Port Officers quarters at Calicut, as the final bill had to be returned at the end of March 1898. There was also a short outlay of Rs 436 and 772 under Minor works and Repairs respectively. The lapse in the former case is attributed to the late receipt of Sanctions

to an allotment of Rs 600. The short outlay under Repairs is explained to be due to the sudden stoppage of repairs to the pier at Calicut when it was too late to surrender the balance of grant

Madura Division Rs 2054

The lapse is due to the write-back to the head "Miscellaneous advances" of an outlay of Rs 2294 incurred in 1895-96 on repairs to the Junkan bungalow

Tinnevelly Division Rs 2655

The short outlay is due to a credit adjustment of an expenditure of Rs 1820 incurred in 1896-97 on the piers at Tuticorin which was debited to the South Indian Railway during the year, and to the late receipt of sanction to the allotment for the Port Officers quarters at the same station

Architect Division Rs 703

The lapse occurred under Minor works and Repairs for which no explanation has been afforded.

17. There was an excess expenditure of Rs 1619 in the Light House Division which is due to the good progress made in March 1898 on the light houses at Hamilton Point & Manapad

18. In the accounts for March 1898, the entire cost of the Light-house Establishment (together with 2 per cent on works outlay for Direction and Accounts) and of tools and plant incurred in the Light house division was written back from Provincial Civil Works to Excluded Local Port Funds. The expenditure under Establishment and Tools and Plant therefore exceeded the final grants under these heads

19. Works in Estates under the Court of Wards

The budget grant was Rs 5535 and was subsequently increased to Rs 11954. The actual outlay amounted to Rs 11363 or 591 short of the final grant. The lapse of Rs 591 is made up of Rs 480 on 'Works' and Rs 111 on 'Establishment'

20. In the Ganjam division There was a short outlay of

Rs 1306 on works in the Bodagada estate, due to arrest of sufficient requisitions, and to paucity of subordinates who had to be withdrawn from ordinary duty owing to Famine exigencies, but a sum of Rs 817 was spent without appropriation on improvements to Royi pholobondhs of Koitra in the Dharcota estate. A lapse of Rs 1489 occurred in the Vizagapatam division, which is attributes to the failure of the piece worker. Towards the close of the year an outlay of Rs 1498 was incurred on urgent repairs to Sivasammdram bridges in the Coimbatore Division, for which no allotment could be obtained in time

33. Famine Relief. The Government of India passed a sum of Rs 10,41,000 for expenditure on Famine Relief works during 1897-98. As distress increased, relief works were opened in rapid succession and the grant was increased to Rs 67,19,000. The revised estimate was however fixed at Rs 66,86,000. The actual outlay Amounted to Rs 65,69,653, or Rs 1,16,347 less than the revised estimate

21. In 1896-97, the total expenditure under all funds administered by the General Branch Amounted to Rs 30,39,469 against the budget grant of Rs 31,05,086 And the revised grant of Rs 29,30,200, the excess over revised grant being Rs 109,269 or about 3·7 per cent. During the year under review the expenditure amounted to Rs 86,47,680 against the budget estimate of Rs 3330234 And the revised estimate of Rs 86,56,276, the lapse being Rs 8604 or about ·01 per cent

22. The subjoined statement Compares the grant for "works" above with the actual expenditure.

This large sum was spent on the following works		Rs
collection of ballast for Railways		43,396
Constructing & repairing irrigation works		4,78,882
Constructing roads		16,49,836
Repairing do		38,48,680
Miscellaneous Public Improvements		65,709
		60,86,205
Establishment		2,76,045
Tools & Plant		2,07,403
		65,69,653.

The services of the officers and subordinates engaged in these large undertakings have been extensive & continuous & have already been recognised by Govt. It will be sufficient to say here that with very few exceptions, we & all worked with a devotion to duty deserving of the highest praise.

31.1.99

	Budget grant	Final grant	Actuals
44. Imperial Military Works	64800	65542	62575
45. Imperial Civil Works	69000	43994	39586
46. Provincial Civil Works	1045567	1032203	1041829
45 Incorporated Local	45849	39913	38324
Excluded Local	167710	75126	69017
Works on Estates	4500	9718	9238
33 Famine	947500	6134300	6086210
Total	2344926	7400796	7346779

The grant assigned in the budget to divisions on account of "Original works" and "Repairs" under all funds (exclusive of the reserves with the Government) amounted to Rs 23,16,618. It was subsequently increased to Rs 73,94,883, against which the actual expenditure amounted to Rs 73,46,779, the lapse being Rs 48,104 or about .07 per cent. During the year 1896-97 the outlay on "Works" amounted to Rs 22,95,230 against the budget grant of Rs 19,36,704 and the final grant of Rs 21,80,397, the excess over the final grant

138

23. The following are the divisions in which lapses of over Rs 1000 occurred on the total final grants under all funds except 33 Famine Relief.

(1) West Coast	Rs 4782
(2) Tinnevelly	3049
(3) Madura	2798
(4) P. W. Stores	2726
(5) Vizagapatam	1923
(6) Chingleput	1451
(7) Salem	1150
(8) Nellore	1012

24. Reading the operations of the department as a whole, the Chief Engineer is of opinion that, in spite of the fact that for about 6 months during the year all divisions were short handed on account of Famine, the progress of works ~~should have been unsatisfactory,~~ was satisfactory, and ~~and the actual expenditure would have borne a closer approximation to the grants had Superintending Engineers paid more careful attention to the points enumerated in the concluding para of the~~ considerable latent departmental stalk

There is still room, however, for

previous for 1896-97 and it is hoped that the officers of the Department will exercise closer scrutiny during the current official year.

ASK
11-1-98.

11.1.98
E.W.

Maj

0 Flag R

14 Dec A

Statement showing the total outlay during 1897-98 under all funds administered by the General Branch, arranged by departmental heads.

Departmental heads and funds		Budget estimate Rs	Revised estimate Rs	Outlay Rs
44. Military Works – Imperial	33-1	7	7	7
Original Works		14.800	9.700	8.411
Repairs		50.000	56.000	54.164
Establishment		15.200	15.400	12.048
Tools and Plant		900	900	643
Total		80.900	82.000	75.266
45. Civil Works – Imperial				
Original Works		51.700	30.100	27.080
Repairs		17.300	14.000	12.506
Establishment		16.000	10.300	9.024
Tools and Plant		1.000	600	589
Expenditure in England and Exchange				-1
Total		86.000	55.000	49.198
45- Civil Works - Provincial				
Original Works		7.30.567	7.22.965	7.34.444
Repairs		3.15.000	3.04.921	3.07.385
Establishment		6.77.908	5.55.517	5.16.912
Tools and Plant		1.17.525	1.50.597	1.75.798
Suspense			-64.000	44.818
Total		18.41.000	16.70.000	17.79.357
45. Civil Works - Incorporated Local				
Original Works		19.016	10.841	6.679
Repairs		26.833	29.072	31.645
Establishment		20.676	17.536	6.986
Tools and Plant		475	551	279
Total		67.000	58.000	45.589

Departmental head and funds		Budget estimate Rs	Revised estimate Rs	Outlay Rs
Excluded Local - Civil Works				
Original Works		1.59.700	64.411	61.579
Repairs		8.010	10.715	7.438
Establishment		38.573	16.383	44.397
Tools and Plant		2.516	1.813	3.840
	Total	2.08.799	93.322	117.254
Works in Estates under the Court of Wards				
Original Works		4.500	9.718	3.730
Repairs				5.508
Establishment		1.035	2.236	2.125
	Total	5.535	11.954	11.363
33. Famine Relief Works - Imperial				
Original Works		4.06.200	19.89.541	19.69.917
Repairs		5.41.300	4111.759	41.16.293
Establishment		75.000	2.57.900	2.76.044
Tools and Plant		18.500	3.26.800	2.19.060
Expenditure in England		..	..	- 7.460
Exchange.		..	..	- 4.201
	Total	10.41.000	66.86.000	65.69.653

N.B. The grant and outlay under 33 Famine Relief include figures relating to works under I. Railways and II. Irrigation

178

3

Finance and Commerce,
No. 2564, dated 23rd May
1894.

ASH
11-1-99.

14.1.99

Maj

I solicit His Excellency's
approval to an addition
I have since made to
Para 21 of my note

27.1.99

ASHD.
ASH
31.1.99

Public Works (1898) Department.

CURRENT No. 7361

From The Examiner, P. W. Accts, Madras

Order

No. 3046 B/B

Dated 2nd September 1898

Received

Registered 3-9-98

Enclosures 2

Spare copies

SUBJECT.

Statement of expenditure by Funds & General Branch for 1897-98 — Returns verified the — with remarks.

6394.

BACK PAPERS.

No.	Date.
3541C	10.8.98.
3008W	24.11.98. &c.
1956W	4.8.98
2411W	28.1.98. &c.
3435-36W	8.12.97
1639-40W	15.6.97 &c.
1910C	11.5.96.

FURTHER PAPERS.

No.	Date.

EXAMINER,
P. W. ACCOUNTS.
11 AUG. 1898
No.....

Statement showing by divisions the budget grants final grants and actual expenditure on Original Works and Repairs under all funds administered by the General Branch during 1897-98.

No.	Divisions	44. Military Works Imperial			45. civil Works Imperial			45. civil Works Provincial			45. civil Works Incorporated Local			Excluded Local			Court of Wards			33. Famine Relief Imperial			Grand Total			Short of excess outlay as compared with the budget estimate	Short of excess outlay as compared with the revised estimate
		Budget estimate	Revised estimate	Outlay	Budget estimate	Revised estimate	Outlay	Budget estimate	Revised estimate	Outlay	Budget estimate	Revised estimate	Outlay	Budget estimate	Revised estimate	Outlay	Budget estimate	Revised estimate	Outlay	Budget estimate	Revised estimate	Outlay	Budget estimate	Revised estimate	Outlay		
1	2	3 Rs	4 Rs	5 Rs	6 Rs	7 Rs	8 Rs	9 Rs	10 Rs	11 Rs	12 Rs	13 Rs	14 Rs	15 Rs	16 Rs	17 Rs	18 Rs	19 Rs	20 Rs	21 Rs	22 Rs	23 Rs	24 Rs	25 Rs	26 Rs	27 Rs	28 Rs
1	Ganjam	1.000	1000 / 1.942	2.023	500	1.036	1.038	54169 / 51.349	44.456	44875 / 44.688	400	685 / 500	504	520	595	589	4500 / 3.000	3.414	2925 / 2.936	16000 / 1.08.000	2.82.800	1.87.789	67.989 / 1.64.769	3.34.743	239442		
2	Vizagapatam	2.800	2800 / 3.623	2.597	8.800	12.188	11091 / 11.002	48515 / 43.515	38483 / 38.383	39463 / 40.225					1.902	1788 / 1.795	..	6.300	4.811	46.000	1.96.000	1.73.003	60115 / 1.07.415	2.56.907	232954		
3	Godavari Eastern	1.000	1.120	995	1500 / 500	1.110	1.094	44.153	35.739	35333 / 35.228	3.100	2.100	2.074	36.400	5.046	4.954	..	..	..	1.000	6.900		8.6152 / 86.253	52.015	44455		
4	Godavari Western	..	..	..	..	..	..	21800 / 16.800	4.467	3565 / 3.883	..	..	..	..	..	..	..	..	..	..	..	..	21800 / 16.850	4.467	3565 / 3.883		
5	Godavari Central	..	..	..	..	..	..	8951 / 8.550	5.943	7.095	..	54	49 / 50	..	72	72	..	..	..	..	..	-	7951 / 8.550	6.069	7.217		
6	Kistna Northern	360	..	330	400	335 / 655	665	27896 / 21.116	18166 / 19.851	25209 / 20.326	1000 / ..	..	934 / 377	..	..	..	..	..	..	..	..	..	29656 / 29656	18501 / 21.516	27138 / 20.506		
7	Kistna Eastern	360	360	30 / 360	300	320	..	17391 / 35.171	31029 / 29.014	24316 / 29.197	300 / 1.300	1.300	1.34	40700 / 700	606	250	..	..	..	..	..	..	58691 / 37.531	31.280	24993 / 31.118		
8	Kistna Western	..	..	..	50	..	..	23.487	9.687	10279 / 10.220	1.800	825	887	..	..	..	..	..	..	..	..	..	25337 / 25.287	10.512	11166 / 11.107		
9	Nellore	240	240	239	..	..	..	20320 / 25.020	16.360	15.765	600	1000 / 600	589	..	..	..	..	..	..	..	..	..	21160 / 25.860	17.200	16979		
10	Buckingham Canal	..	..	..	..	..	..	1.932	1.913	1537	..	..	..	..	136	136	..	..	..	..	..	..	1.932	2.049	1673		
11	Bellary	..	..	..	600	473	357	21983 / 48.183	54774 / 55.424	56134 / 55.496	..	..	..	..	..	..	..	..	..	449000 / 5.44.000	27.70.100	2740898	5.42.783 / 48.783	18.25.997 / 55.897	2797888 / 56.353		
12	Cuddapah	..	..	..	200	200	157	12658 / 10.658	13.158	12955 / 14.090	..	..	..	..	..	..	..	..	..	58000 / 93.000	9.15.300	687851	70854 / 1.03.854	9.28.654	700963 / 244888		
13	Kurnool	..	..	..	200	385	369	36167 / 41.367	11.566	13193 / 12.814	..	..	..	..	..	..	..	..	..	124500 / 184.500	19.30.200	1774197	1.60.867 / 2.26.067	19.42.151	1787758 / 400963		
14	West Coast	38.339	35907 / 36.646	34779 / 32.413	2000 / 2.017	1.252	1928 / 1927	159675 / 178.016	152.959	150394 / 149.798	..	..	..	67890 / 15.293	15.520	13861 / 13857	..	..	..	1498	..	..	267904 / 2.33.665	2.05.775	200857 / 197.999		
15	Coimbatore	8.400	11.400	11.114	2.000	1.400	1336 / 1335	1.71.542	1.97.624	20966 / 196581	..	..	15	..	..	..	..	..	..	..	..	..	1.81.942	2.10.424	213970 / 209.630		
16	Salem	200	200	200	500	500	501	8400 / 16.130	13.230	12079 / 11.854	..	..	..	..	..	..	4	4	4	..	..	..	9100 / 16.834	13.934	12785 / 12.559		
17	North Arcot	500	1.650	1.650	350	150	133	5580 / 9.280	9.480	9441 / 9.395	..	..	..	..	..	..	..	..	..	..	..	..	6.380 / 10.080	11.280	11224 / 11.178		
18	P. W. Stores	..	..	..	..	..	..	963	4.100	1374 / 1340	..	..	..	..	..	..	..	..	..	..	..	..	963	4.100	1374 / 1340		
19	P. W. Workshops	..	..	..	..	..	..	1.000	1.000	1.008	..	..	..	..	..	..	..	..	..	..	..	..	1.000	1.000	1.008		
20	Chingleput	..	..	..	260	460	1045 / 1.046	5124 / 5.676	20.487	20541 / 20.535	..	..	..	..	..	..	..	..	..	..	..	..	5124 / 5.936	20.947	19495 / 19.489		
21	South Arcot	30	30	17	150	205	153	19351 / 19.331	43.031	44267 / 42.266	3.995	3.995	3.744	1.290	290	290	..	..	..	..	..	..	24.816 / 24.796	47.541	48471 / 47.470		
22	Tanjore	..	..	..	500	500	497	75066 / 76.296	44.483	82301 / 84.851	5.735	9965 / 8.065	9350 / 7.450	1000 / 2410	3.578	3493 / 3.367	..	..	..	..	..	..	82.531 / 23.068	53.048	63932 / 54.798		
23	Vegapatam	264	234	234	120	352	522 / 523	2.425	3.993	3504 / 3.837	17.849	17.329	17484 / 17.488	3.480	..	..	..	..	..	..	..	..	24.138 / 31.347	25.486	25241 / 25.434		
24	Trichinopoly	6.327	8.169	8.127	500	1.450	1406 / 1407	23.450	23.699	24130 / 23.773	1.070	2.760	2.627	..	..	..	..	..	..	..	..	..	36290 / 59850	36.078	36290 / 18066		
25	Madura	180	240	240	43700 / 300	2.625	2.617	6.000	17.999	17251 / 17.250	10.000	..	12 / 330	11500 / 1.500	3.285	2954 / 630	..	..	..	..	..	..	16.480 / 39275	20.864	18065 / 26339		
26	Timevelly	360	..	..	800	880	724 / 684	26.715	25.223	25315 / 25.284	..	..	330	3000 / 6.114	5.479	4.776	..	..	..	..	..	..	29.375 / 140226	29.388	26.926 / 20908		
27	Architect	..	..	..	3.800 / 43.789	16.289	16045 / 16.044	183426 / 232.056	1.87.347	1.89.087	..	..	..	50.000	38.617 / 39.560	40286 / 40.010	..	..	..	..	..	..	2.81.959 / 28308 / 50.000	2.09.115	209907 / 40268 / 40.042		
28	Light House	..	..	..	..	..	..	..	..	32	..	..	..	3000	..	..	..	..	..	..	..	..	..	4.053	..		
29	Reserve	4800	2222 / 158	..	2080	1884 / 106	..	18428	1807 / 4.317	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	Total	64800	65542	62575	69000	43994	39586	1045567	1032203	1041829	45849	39913	38814	167710	75126	69014	4500	9718	9238	627580	5563929		2034926		6824499		

P.K.S. 1.9.98.

1.9.98

Statement showing the total outlay under all funds administered by the General Branch arranged by departmental heads during 1897-1898

Departmental heads and funds		Revised Estimate	Actuals	Difference
14. Military Works — Imperial				
Works	14 000	9.700	8411	1289
Repairs	51 000	56.000	54164	1836
Establishment	15.200	15400	12048	3352
Tools and Plant	900	900	643	257
	Total 81100	82.000	75.266	6734
45. Civil Works — Imperial				
Works	51700	30.100	27080	3020
Repairs	17300	14.000	12506	1494
Establishment	16 000	10300	9024	1276
Tools and Plant	1 000	600	589	11
Expenditure in England & Exchange	86 000	"	— 1	1
	Total	55.000	49.198	5802
45. Civil Works - Provincial				
Works	7.30.567	7.22.965	7.34.444	—11479
Repairs	3 15 000	304921	307385	— 2464
Establishment (A)	6.77908	555517	516912	38605
Tools and Plant (B)	1 17525	150597	175798	— 25201
Suspense (C)	18 41 000	— 64000	44818	— 108818
	Total	167.0000	177.9357	— 109357
45. Civil Works - Incorporated Local				
Works	19 016	10.841	6679	4162
Repairs	26833	29072	31645	—2573
Establishment	20 676	17536	6986	10550
Tools and Plant	475	561	279	272
	57 000 Total	58.000	45589	12411

Departmental head & funds		Revised Estimate	Actuals	Difference
Excluded Local - Civil Works				
Works -	159700	64.411	61.579	2.832
Repairs	8010	10.715	7.438	3.277
Establishment	38573	16.383	44.397	- 28.014
Tools and Plant	2516	1813	3.840	- 2027
	~~2.08.799~~ Total	93.322	117.254	- 23.932
Estate Works				
Works	4500	9.718	3.780 / 5.508	480
Repairs	1035			
Establishment		2.236	2.125	111
	5535 Total	11.954	11.363	591
33 - Famine Relief - III Civil Works - Imperial				
Works		1989541	1659926	329615
Repairs		4111759	3904003	207756
Establishment		257900	276044	
Tools and Plant		326800	219060	
Expenditure in England			- 7460	
Exchange -			- 4201	
	~~10.61.000~~ 731 inv.	Part of 6686000	6047372	659653

Difference under (A) is due to the credits to Establishment on account of percentages on outlay on Works and Repairs on other than Provincial funds having exceeded anticipations -

Difference under (B) is due to writes back of value of Tools & Plant, returned to "Stores" from Famine Works to which they were originally charged -

Difference under (C) is due to erroneous estimates by Executive Engineers - a separate report will be made on this matter -

10/29.9.98
C.

Som

EXAMINER,
P. W. ACCOUNTS.
11 AUG. 1898
No.

No. 35-41C.

Government of Madras.

P.W. DEPARTMENT.

Madras, 10th August 1898.

OFFICE NOTE.

From W

To C

Please complete the accompanying statement and verify the figures therein. Please also submit a separate statement showing the total outlay under all funds administered by the General Branch, arranged by departmental heads, any difference between the revised estimate and the actuals under Provincial Establishment, Tools and Plant and suspense being explained.

A.K. 10-8-98.

Cs

P.K.S

D.W.

P. W. 48
500—20-3-97.

Rev. 2
7361/98

No. 3046 B/B dated 2nd September 1898

To.
W.

The statement received with the above, is herewith returned, the entries therein having been duly verified, corrected and completed as far as possible.

2. No distribution by divisions or departmental heads being available for the Revised Estimate under "33 Famine Relief Works", columns 22 and 25 of the statement cannot be verified.

3. A separate statement of outlay under all funds administered by the General Branch, with explanatory notes as to differences as required, is also enclosed.

W 2 places
2.9.98

29
29/98

Public Works (1898) Department.

CURRENT No. 6394

From The Superintending Engineer
V Circle

Order

No. 831/N.L.

Dated 29.7.98

Received

Registered 1.8.98

Enclosures

Spare copies

SUBJECT.

Statement of original grant under Provincial — Forwards Copy of Nellore Dr & Engrs letter regarding ditto —

B

28/7 Supdg Engr: Engineer

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Copy of letter from L.L. Wil-
-ham Esquire, Executive Engineer, Nello
Division to the Superintending Engine
2nd Circle, No. 354/E., dated 15-7-98.

With reference to your No. 7301/E 3-7-98
I have the honor to state that the
cause of excess in the departmental
heads referred to, viz. minor original
works & repairs is, as already stated,
due to payments of liabilities incur-
-red in excess of grants to cover
short outlay on major Original
works under the same budget
head.

No. 831 N.C. 29-7-98
Forwarded to the Chief
Engineer, Public Works Depart-
-ment, with reference to remarks
in the statement of Provincial
works forwarded with this office
x No. 3541C 10.8.98 No. 387 Dt., dated 5-7-98.
28/7 Ex. Engineer
for Superintending

Soon

No. 3541 C.

Government of Madras.

DEPARTMENT.

Madras, 10 – 8 – 1898.

OFFICE NOTE.

From

W

To

C

Please complete the accompanying statement and verify the figures therein - Please also submit a separate statement showing the total outlay under all funds administered by the General Branch, arranged by departmental heads, any difference between the revised estimate and the actual o under Provincial Establishment, Tools and Plant and suspense being explained -

(Sd) ASK

11/8/98

DW

B/

11/8/98

[P. W. 48. 500—1-7-98.]

No: 3435 Wdy 8.12.97 (S.C)
241 Wdy 28.1.98 (S.C)
1639-40 Wdy 15.6.97 (S.C)
1910C dy 11.5.94 (S.C)

S.A.W.

The returns submitted by S.Es are in some cases incomplete even as regards grant and expenditure. Omissions under budget and revised estimate have been filled in from the information available in the budget registers of this Office. As regards outlay, this has to be filled in by C.

P.K.S
9/8/98.

D.W

Submitted -
The Statement which C is asked to complete is required for the review of grants & expenditure in 1897-98.

C.N
9-8-98

Public Works (1898) Department.

CURRENT No. 5141

From W. De Morgan Esquire
Executive Engineer in charge I Circle

Order

No. 235 GL

Dated 13th June 1898
Received } 20.6.98
Registered }
Enclosures 6
Spare copies

SUBJECT.

Statements comparing original grants, final grants, and actual expenditure under each fund administered by General branches for 1897-98

— Submitting copies of — received from the Executive Engineers of Godavari Western and Vizagapatam Divisions —

5125

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Godavari Western Dt.
Provincial Civil works.

Eccles 6W/o 235 GL 13-6-98 948 (I)

Statement Comparing official grants, final grants, and actual expenditure for 1897-98.

Head of Account.	official grant	final grant	Actual expenditure	Short or excess outlay	Explanation for Short or excess outlay
Major	14900	1467	1298	169 -	Difference below Rs 500
Minor	400	700	211	489	
Repairs	1500	2300	2374	-74	
	16800	4467		+5.84	
Tools & Plant	500	300	393	-93	

True Copy

P Nicholas
14.6.98

Exec Engr in Chief's

Enclosure 2 to No 235 GL dt 13-6-98 of 1898 (D)

Vizagapatam Dt:

Imperial Military Works.

Statement Comparing original grants, final grants, and Actual Expenditure during 1897-98.

Name of work	original grant	Final grant	Actual Expenditure	Short or excess outlay	Explanation for Short or excess outlay.
Original Work.					
Minor works Lump Sum	"	823	969	-146	The excess is trifling & calls for no remark.
Repairs Lump Sum	2800	2800	1628	1172.	The Short outlay is due to the very late receipt of the Estimate for the annual repairs of the military buildings in the Vizagapatam Cantonment, and to the Estimate for repairs to the military buildings in the Vizagapatam fort having been received this year

'True Copy'
B D Morgan
16.6.98
Exec Engr in Charge

Encls 3 & No 235 GL 13-4-98

Vizagapatam D.

Statement Comparing original grants, final grants and actual expenditure during 1897-98.

Imperial Civil Works.

Name of work	original grant	Final grant	Actual Expenditure	Short or Excess outlay	Explanation for Short or excess outlay.
Original Works. Major					
1 Constructing a Telegraph office at Vizagapatam.	8300	11002	9959	1043	Short outlay is due to savings in the Estimate for the work which was completed & handed over
2. Constg new Post office at Telpore.	"	686	577	109	- Do - - Do
Repairs					
Lumpsum	500	500	466	34	Short outlay is trifling

Cd 97 Hands Cash E.R. 'True Copy'

8800 12188 11002

W Delworyan 14.6.98

Exec Engr in Chief

Enclos 4 to No 235 Gl 13-6-98 G.S.B.

Viragpatam Dt.

Provincial, Civil Works

Statement Comparing original grants, final grants, and actual expenditure during 1897-98.

Item no	Name of works	original grant	Final grant	Actual expenditure	Short or excess outlay	Explanation for short or excess outlay.
	original Works.					
	Major					
1	Constg a 1st class Tahsildar's Cutcherry at Narsipatam	22780	6596	6935	-339	Excess is below Rs 500 and calls for no remark.
2	Do - Do - at Palconda	1735	1967	2465	-504	Excess is due to more work having been turned out by Departmental labor which was paid for in March 1898.
3	Do Quarters to the Asst Suddt at Golie					the Tahsildar in vacating & handing over the building & also to the necessity for revising the Estimate.
	Communications	18000	16000	16298	-298	The unspent balance is below Rs 500 & calls for no remark.
		43515	38383	40225	-1842	

(Sd) G F Hamd cash
E.E.
True Copy.
B Schorgas
14.6.98
Exec Engineer in Chg Civil

Vizagapatam Dv.

Excluded: Local, Civil Works.

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Name of work	original Grant	Final Grant	Actual Expenditure	Short or excess outlay	Explanation for Short or excess outlay.
Original Works					
Major					
1. Construction of Quarters with outhouses for the Port officer at Vizagapatam	"	1128	1137	-9	Excess is trifling.
Minor					
2. Lump sum	"	774	658	116	Short outlay is trifling

Rs. Seven hundred and Sixteen only

True Copy

D Dilworth 14.6.98

Exec Engrs Circle

Vizagapatam Dt.

Estate works.

Statement Comparing original grants, final grants and actual Expenditure during 1897-98.

Name of work	Original grant	Final grant	Actual Expenditure	Short or Excess outlay	Explanation for Short or excess outlay.
Original works					
Minor Lumpsum	"	1840	1419	421	Short outlay is below Rs 500
Repairs Lumpsum	"	4460	3392	1068	Owing to reduction of rate in the Estimate for Strengthening the right bank of Sarada river at Jempapalam Estt Rs 4000. the piecework Stuck work would and no other will undertake to do the work. Hence the outlay fell short of expectation

Rd 47 and cash E.R.

Lmelegs
B Dellorgas
14.6.98
Exec Engr in Chief

No. 235 GL

From

N.C. DeMorgan Esqr. M.I.C.E.
Superintending Engineer, ~~Un~~ Cuddalore
First Circle.

Enclosures. 6 To

The Chief Engineer
Pub. Department
Madras.

Waltair,
Camp Dorjaiswaram. 13.6 1898.

Sir,

Dispd 16-6-1898

× C No. 5125/98
Wrote B-

(× Despatches on 15-6-98)

In Continuation of my letter No. 233 GL Dated 8th June 1898, I have the honour to forward herewith Copies of "Statements Comparing original grants, final grants and actual expenditure under each fund administered by General Branch for 1897-98" received from the Godavari Western and Viraghapatam Divisions.

I have the honour
Sir
Your most obedt Servt.

N DeMorgan
14-6-98

Exec Engineer in Cuddalore

Public Works (1898) Department.

CURRENT No. 5125

From W. De morgan Esquire
Executive Engineer in charge Tuni

Order

No. 233 GL

Dated 8th June 1898

Received 18.6.98

Registered

Enclosures /4

Spare copies

SUBJECT.

Statements comparing original grants, final grants and actual expenditure during 1897-98 under each fund administered by the General Branch — Submitting Copies of — for Ganjam, Godavari Eastern, and Central divisions —

3435-GW
8-12-97

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Enclos 1 to No 233 Gen of 1 E (I)
8-6-98

Godavari Eastern Dn.

Imperial Military.

Statement Comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Head of account	original Grant	Final Grant	Actual Expenditure	Shortage Excess outlay	Explanation for Shortage Excess outlay
	Original Works	—	Nil	—		
	Repairs	1000	1120	995	125	Due to the write back of outlay on repairs to the Room in the Sub Collector's office used as armoury by the East Coast Volunteers to Mis: Advances, pending recovery from the Officer Commanding the Corps

Sd C Muldrew
Exe: Engr 6th Cir

'True Copy'

W Delmerya
10.6.98
Exec Engr in Ch

Godhy Eastern Dv.

Enclos 26 No 233 GL 8-6-98 of A.E. (I)

Imperial Civil Works

Statement comparing original & actual grants and actual expenditure during 1897-98.

Item No	Head of Account	original Grant	Final grant	Actual expenditure	Short or excess outlay	Explanation for short or excess outlay
	Telegraph					
	Main works	"	392	392	"	
	Repairs	100	718	702	16	Short expenditure is trifling requires no explanation
	Total	100	1110	1094	16	
	Postal					
	Repairs	500	-	-	-	

(Sd) C. Mildred
Civil Engr Gotti Exec

"True Copy"

W D Morgan
10.6.
Exec Engineer in Chief Civil

Princeton Univ.

Encloss 3 to GNo 233 Gl 9/12 E (1)
R-698

Godavari Easter Dn.

Provincial Civil Works

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Serial No.	Name of work	original Grant	Final Grant	Actual Expenditure	Short or excess outlay	Explanation for Short or Excess outlay in case works to be specified
	Provincial Civil Buildings					
	main original works.					
1	Extending the normal and Union Schools for the Training College at Rajahmundry	35900	29079	27961	1118	Short outlay is due to indents for Saun teak wood not being complied with by the Contractor owing, he explains, to the number of urgent indents sent in during march 98 and a supply of teak logs from Burma was not received in time.
2	Erection of Iron Railings in the central jail at Rajahmundry	2953	1200	1235	35	
3	Improvements to the Additional Buildings attached to the Collector's Cutchery at Cocanada	-	-	-373	-373	Completed last year. refunds of expenditure is due to the Sale of Surplus materials.
4	Constructing proposed masonry walls along the road between gate Tower in the Central Jail at Rajahmundry	-	-	461	461	Incomplete work of last year. Completed within the outlay of Rs 500 during the year.
5	Constructing a Combined Cutchery to the Dy Tahsildar and Town Sub magistrate at Cocanada	-	-	-20	-20	Completed last year. Refund of expenditure is due to Sale of Surplus materials
6	Safety Quarters for the Reserve Inspecta of Police, Rajahmundry	-	-	282	282.	Incomplete work of last year. Completed during the year with Expenditure of less than Rs 500.
		38853	30279	29546	733.	
	Main original works Repairs	500	1940	1995	55	
		4,500	3350	3370	20	
	Communications Minor original works	"	"	146	146	
	Mis: Public Insts Repairs	300	170	171	1	
		44153	35739	35228	511.	
	Tools & Plant.	1500	2500	2919	419	Excess is below Rs 500

Executive Engr

True copy

W D Morgan
10.66.
Exec Engineer in the Plains

Encls 4 & No 233 GL 8-4-98 q.v.E (1)

Treasurer's Charge

Goby Eastern Dr

Incorporated Local Funds.

Statement Comparing original grant, final grants and actual expenditure during 1897-98.

Item No.	Head of account	original grant	Final grant	Actual expenditure	Short or excess outlay	Explanation for Short or excess outlay
	Communication					
	Repairs	3100	2100	2079	21	Saving is trifling
	Special Insts + Plant	200	216	216	-	

P.C. Mildred
Exe. Engr

'True Copy'

W Dickson 10.6.
Exe Engineer in charge

Godavari Eastern Div. Encls 5 & No 233 GL 8-6-98 of A E- (L)

Excluded Local

Statement Comparing original grants, final grants and actual expenditure during 1897-98.

Serial no.	Head of Account	original grant	Final grant	Actual expenditure	Shortage Excess outlay	Explanation for Short or excess outlay.
	Mis: Public Impts: Major works.					
	Extending Southern and Northern jetties at Cocanada by 2300 feet and ~~900~~ 200 feet respectively	36400	4900	4910	10	
	Minor works	-	104	104	-	
	Repairs	-	42	-60	+102	

Sd C Mildred
Exc: Engr

'True copy'

W Dewar 10.6.
Executive Engr in Ch Circle

Godavary Central Dn.

Provincial Civil Works.

Endsg 6 GNo 233 GL of 98 (I)
8-6-98

Statement comparing original grants, final grants & actual expenditure during 1897-98.

Serial No.	Name of work	original Grant	Final Grant	Actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay in Major works to be specified.
	Original Works. Major.					
1	Construg Deputy Tahsildar's office at Kottapalli	8250	5438	6902	-1464	The work is in good progress since March 1898 and the expenditure in March 98 was more than anticipated. The woodwork in - -dented for on workshops has been fully supplied during March 98 and the cost of

Sd A C Longstone
Exec Engr

Exec Engr

W Dempster 10/6.
Exec Engr in Chief

Godavari Gunhal Dn.

Encld 7 to No. 233 GL of 8-6-98 (I)

Incorporated Local Funds

Statement Comparing original grants, final grants and actual expenditure during 1897-98

Serial No.	Head of Account	Original Grant	Final Grant	Actual Expenditure	Short or Excess outlay	Explanation for Short or Excess outlay
1	Repairs	-	54	50	4	Trifling

(Sd) A.C. Longstone
Exe. Engr

'True Copy'

Dharwar
10.6

Executive Engr in Chr Unit

Godavari Central Dn

Excluded Local Funds.

Statement Comparing original grants, final grants and actual expenditure during 1897-98.

Serial nos.	Name of work or Head of A/c	original grants	Final Grants	Actual Expenditure	Short or excess outlay	Explanation for Short or excess outlay
1	Repairs	-	72	72	"	

(Sd) A.C. Langstone
Exe. Engr

'True Copy'

W Dickorzas
10.6.

Exe Engineer to Chief Engr.

Ganjam Division

Imperial Military works

Statement Comparing original grant, final grant and actual expenditure during 1897-98

Item No.	Name of work	original Grant	Final Grant	Actual Expenditure	Short or excess outlay	Explanation of Short or Excess outlay
	44 Military – Imperial					
1	original works – Minor	–	942	842	100	The grant for Conctg a well in the Sanitary Camp at Ampara was sanctioned very late in the year and hence the Lapse of Rs 100 which was unavoidable
2	Repairs	1000	1000	1181	–181	Additional grants were applied for in time to cover payments for Compensation for quarters and for rent of hired building Sanction to the application was not received: hence the excess
		1000	1942	2023		

(True copy)

J.M. Lacey
Offg Exe Engr

W.L. Morgan 10.6.

Exec Engineer Trincomalee

Enclosure to G.O. No. 2336 C.L. dt. 8-6-98 of 15 C.

Ganjam Dt.

Imperial Civil works

Statement comparing original grants, final grants & actual expenditure during 1897-98.

Item No.	Name of work	Original Grant	Final Grant	Actual Expenditure	Short or excess outlay	Explanation of Short or excess outlay
	45 Imperial Civil works.					
1	Postal — Repairs	500	1000	1002	-2	The excess is trifling
2	Telegraphs — Do —	"	36	36	-	
				(Sd.) J.M. Lacey Offg S.E.		'True Copy'

W.D. Morgan 10.6.

Exec Engrs Civil

Ganjam Division.

Provincial Civil works

Statement Comparing original grants, final grants, and actual expenditure during 1897-98.

Encls 11 to No 2336 G.L. 98 dt 28.9.98. (7)

Serial No.	Name of work	original Grant	Final grant	Actual expenditure	Short or excess outlay	Explanation for Short or excess outlay Major works to be Specified.
	Major					
1	Constructing Court and Record rooms and Southhouses attached to the Deputy Tahsildar's Building at Parlakimedi Estimate Rs 6500	"	1093	1087	6	Incomplete work of last year. Completed and handed over to the Revenue Department.
2	Combined office for Stationary and Town Magistrate at Berhampore Estimate Rs 14,400	"	"	183	-183.	Incomplete work of last year. Completed. The outlay represents the amount due to piece workers, Lakshmiah, adjusted by credit to Deposits pending his application for payment - Vide Code II-II-67.
3.	Provincial, Minor original works, Civil Buildings	200	774	603	171.	As much as could be usefully Spent was Spent.
4	Do, Repairs — Do —	3000	1797	1747	50	Do — Do —
	Communications, original work, Major.					
5	Constructing an Iron Girder Bridge at Mahasamudhi Estimate Rs 55,100	7,175	4,175	4,154	21	The Lapse on the Final grant is only Rs 21.
6	Metalling and making pucka the Govindapore Lohagudi Road Estimate Rs 9670	1,500	"	124	-124	Incomplete work of last year. Completed & handed over to the Special Asst Agent in March 1898.
7	Constructing Road with masonry works from Kallikota to Boipari Estimate Rs 87,800	31,034	27,090	27,275	-185	The normal cost of materials to be executed by Famine Labor was adjusted to debit of the ordinary grant with reference to Code I - IX - 104, hence the very Small excess
8	Do - Masonry works on Ichhakali Anandapuri Road Estimate Rs 29,500	"	2,119	2,124	-5	Excess trifling; work Completed.
9	Metalling from 78 to 90 Mile of Boad Road Estimate Rs 12,840	6,840	3,260	3,260	"	Work Completed.
10	Provincial Minor original works Communications	100	670	664	6	Lapse on the final grant is only Rs 6
11	Do Repairs Do	1500	3293	3467	-174	The Excess is only Rs 174 Covered by Savings on other Service heads of the Provincial grant.
12	Provincial Tools & Plant	500	"	62	-62	As the actual expenditure was anticipated to be very Small, the original Budget grant was surrendered for utilization elsewhere with reference to the restrictive orders of Government.
13	Provincial Civil works. Misc Public Imprs. Minor works	—	185	-	185.	The work Concerned was not begun, as it was found that its sanctioned Estimate required revision
		51349	44456	44688	-232	

Sd J.M. Lacey
Offg Exe Engr

'True Copy'

W.D. Morgan 10.6.
Exe Engineer in Chief

Etwah 12 GNo 233 GL 8-6-98 8.2.8

Gaisam Dn.

Incorporated Local Fund Works.

Statement Comparing original, final, and actual expenditure during 1897-98.

Serial no:	Name of work	original Grant	final Grant	Actual expenditure	Short or Excess outlay	Explanation for short or excess outlay
1	Incorporated Local Repairs - Communications	400	500 ×	504	-4	Excess trifling

× - Vide Go no: 600 G of 18-3-98.

(Sd) J.M. Lacey
Offg Exe: Engr
'True Copy'

W Dhorgan. 10.6.
Exec Engr. Chitrakot

* Estimate current of last year

Ganjam Division

Enclosure 13 to No. 233 (2L) 8-6-98 J. S.E. (L)

Excluded Local Civil Works.

Statement Comparing original grants, final grants and Actual Expenditure during 1897-98.

Item No:	Name of work	original Grant	Final grant	Actual Expenditure	Shortage excess outlay	Explanation for Shortage excess outlay
	Excluded Local original works Civil Buildings major					
1	Fencing Lighthouse Keepers' and Light Keepers' Quarters at Calingapatam	-	559	559	-	Incomplete work of last year Completed.
2	Excluded Local Civil Buildings Repairs	100	30	24	6	Lapse Trifling
3	Mis. Public Improvements	420	6.-	6	6	Excess Trifling

'True copy'

520 595 589

W. Dellorgan 10.6.
Exc. Engineer 1st Circle

* Incomplete works of last year

Ganjam Dr.

Court of wards Estate.

Statement Comparing original grants, finial grants and actual Expenditure during 1897-98.

Item No.	Name of work	original Grant	Finial Grant	Actual Expenditure	Shortor excess outlay	Explanation of Short or excess outlay
	Phanaeola Estate					
	original work Irrigation					
1	Improvements to Royjpholobondho of Koiba	"				Completed & handed over to the heir in dar. The outlay represents liabilities for work done in Supto to Kayajo 1 boudho in 1896-97 + paid for in 1897-98. On application for funds to Collector Ganjam to meet this outlay he estimated that the amount was adjusted in Circ Accts for July + Octr 1897 and admitted by Accl General as per his memoranda $\frac{BF2}{46}$ + $\frac{BF2}{50}$ of $24\frac{7}{97}$ + $20\frac{10}{97}$ respectively.
2	Repairs	"		817	-817	
	Bodagoda Estate					
	Original work Irrigation	1800	1800	1373	427	The lapse on the grant for this Estate is due to want of sufficient requisitions and to paucity of subordinates who had to be withdrawn from ordinary duty owing to Famine exigencies.
	Buildings	300	300	110	190	
	Repairs Irrigation	"	414	329	85	
	Buildings	900	900	297	603	
					1305	
		3000	3414	2926		

Certified J McLaren Offg S.E. 1

Correct by

W Mackenzie 10.6.

Exec Engr in Charge

S. E. I. 5 1000—15-1-98.

No. 233 GL

From

H C De Morgan Esqr M.I.C.E.
~~Superintending~~ Engineer, in Charge
Eyeemhio First Circle.

Enclosures. 14 To

The Chief Engineer
Rv. Department
Madras.

Waltair, 8. 6. 1898.

Camp Dinsathiveeram.
Desp^d 15th June 1898

Sir,

With reference to your memo No. 1910 C of 11.5.98, I have the honour to submit herewith Copies of Statements received from the marginally-noted Divisions, Comparing original grants, final grants and actual expenditure, during 1897-98 under each fund administered by the General Branch.

Ganjam
Godavari Eastern
Godavari Central.

2. The Statements from other Divisions are awaited and will be submitted on receipt.

I have the honour to be
Sir
Your most obedient Servt.
H De Morgan
10.6.98
Exec Engineer in Charge

Rs 5725/55

Public Works (1898) Department.

CURRENT No. 5700

From The Superintending Engineer, II Circle

Order

No. 387 GC

Dated 5.7.98

Received

Registered } 8.7.98

Enclosures 5 Statements

Spare copies

SUBJECT.

Grants — forwarding statements Comparing original grants, final grants and actual expenditure during 1897-98 under each head.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Second circle. Municipal Public Works

Statement Comparing original grants, final grants & actual expenditure during 1897—98.

Division	original grant	final grant	Actual expenditure	Short or excess outlay	Explanation for short & excess outlay.
			Civil Buildings. original works		
Christian Northern.	"	"	111	—13	Incomplete work of last year. Completed
	"	"	45	—45.	Taluk office at Nanjanguth.
	two	1505	999	262	Incomplete work of last year.
	4 ors	2305	2319	—14	
	7991	7791	8069	—278	Taluk office at Chamrajnagar.
					The excess is trifling.
	8525	7600	7612	—12.	Taluk office at Gundlupet
					The excess is trifling.
	"	1150	1171	—21	District munsiff's Court at Nanjanguth
	21116	19851	20326	475	The excess is trifling.
Christian Eastern —	7780	5500	5474	26	Hatinoor sub magistrate office at
		85	169	—84	Nanjanguth Bangalore
	500	7240	7335	—95	office of the Executive Engineer K. N. Division
	"	498	497	—3	Quarters of Do Do
	"	"	10	1	
				—10	Taluk office at Gudiyanda.
	12329	11829	11957	—128	
					Excess trifling.
	8562	3562	3383	179	Deputy Tahsildar office at Nanjangud
					The difference is trifling.
	"	300	295	5	Committee Civil Hospital with Inspectors Quarters & other manufacturing
	"	"	16	—16	Taluk office at Yelandur
	"	"	58	—58	Extension to subjail attached to Taluk office at Nanjanguth.

× Incomplete works of last year

Second Circle. Imperial Civil Works.

Statement comparing original grants, final grants, and actual expenditure during 1897–98.

Division	original grant	final grant	Actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay.
			Original Works Major		
			Nil		
			Minor.		
Kistna North ern ——— "		330	375	-45	the excess is trifling.
			Repairs.		
" Do—Do—		400	325	290 35	Short outlay is trifling.

J. Hammond
Superintending Engineer Circle

Ak. Ak.

7	Minor Works	2600	3500	3270	230	Difference trifling
8	Repairs	4000	2400	2376	24	
		9280	9480	9395	85	

West Coast Division

Major Works

18	Combined office to the Deputy					The short outlay was due to a larg
31	Tahsildar and District Munsif Chalem	20,000	20,000	19,290	710	quantity of timber having had to b rejected at the close of the official y It was too late to surrender the b

10	Stationary Sub Magistrate's office at Puthur	4400	4400	2856	1544	A portion of work done had to b condemned at the time of inspec in March and the contractor wa also very slow and hence no payn could be made.

11	Stationary Sub Magistrates office at Kundapur	24400 10,080	24400 3000	22146 3833	2254 -833	Work progressed fairly well in March and payment had to be made to enable the contractor to proceed with it. It was too late to apply for additional grant.
12	Sub. Collector's office at Tellicherry	7440	2940	3070	-130	
13	Improvements to the Central jail at Cannanore	3500	4850	4876	-26	
	dred and forty five huts at Mangalore	20,000	7682	7353	329	Short outlay due to contractor being slow. The contract was cancelled and work ordered to be done by other agency
15	Government training school at Mangalore	4060	4060	3692	368	Work completed at the close of March Difference represents savings on the estimate
16	Deputy Tahsildar's office at Anjengo	"	700	462	238	Short outlay due to want of information which was awaited till the end of the official year from the Chief Engineer Travancore. May probably be adjusted in the second supplemental accounts for March 1898.
17	District Munsiff's court with out houses at Karakkal	"	"	377	377	Represents credit to the work during the year. It is a completed work
18	Sub Registrar's office at Kavitti	"	"	169	169	This is a completed work of 1895-96. The debit represents the loss on sale of bricks which was originally charged to the work.
31	Taluk					
19	Improvements to the Sub Judge's court at Palghat	"	"	10	10	Represents credit to the work during the year. It is a completed work.
20	Sea Customs office at Baindur	3000	"	44	44	The work was stopped and the credit represents the value of certain materials which is very small and calls for no remark
21	Additions to the Police Superintendent's office at Calicut	1592	1592	1810	-218	Work completed and accounts closed Excess payment was found necessary to close the accounts
				7407 / 4922 / 4666	582	

22	Sub Registrar's office at Ottapalam	7072 / 2298	4922 4 / 2298	4664 2 / 2001	258 2 / 297	Work completed and accounts closed - Saving on the estimate.
23	Sub Registrar's office at Manjeri	3130	3130	3022	108	Do do do
24	Corrugated iron ware house at Cochin	2853	2853	2853	"	
25	Minor Works	2000	7710 50	8031	321	Completed entertainment and contingent work
	pairs	7000	8824	9654	830	having had to be done very late in the
		86 663	78.920	77 541	1.325	
		178016	152959	149798 50	3161	
	Coimbatore Division					
	Major Works					
27	Taluk Cutcherry at Karur	8413	8413	8413	"	
28	Deepening the main gate well in the Central Jail at Coimbatore	2060	2060	1065	995	Lapse due to revised estimate not having been sanctioned in time.
29	Police hospital ward in the compound of the Civil Dispensary at Kollegal	3000	2000	2000	"	
30	Converting blocks nos 6, 8 and 10 into cells in the Central Jail at Coimbatore	"	800	772	28	
31	Taluk Cutcherry at Kollegal	"	1750	1699	51	
32	Upper story to Govern. cent Normal School for Masters at Coimbatore	"	4600	4668	68	
33	Improvements to Government House and all subsidiary buildings at Ootacamund	"	7000	6948	52	
34	Constructing an office for the Conservator of Forests Southern Circle, Coimbatore	"	"	40	40	
		13 473	26 623	25 605	1018	

		13473	26623	25605	1018	
35	Minor Works	2,000	15290	15025	265	
36	Repairs	30,000	30042	29244	798	About Rs 650 will be adjusted in the supplemental accounts for March 1898 on account of work done to the tread mill in the Central Jail at Coimbato
2		71 000	65 600	66583	-983	
		55069	60069	60124	-55	
	2 Total	171542	197624	196581	1043	
	Salem Division					
	Major Works					
37	Stationary Sub Magistrate's office at Namakal	3880	3880	3700	180	
38	Taluk Kutcheery at Tirupatur	600	600	634	-34	
39	Certain improvements to the Central Jail Buildings at Salem	28.50	2850	2841	9	
40	Sub Registrar's office at Valapadi	1260	1280	1177	103	
	Minor Works	1520	120	697	817 577	The excess will be adjusted by write back entries from Minor to Major Works in the supplemental accounts for March 98
42	Repairs	3000 1300	3300 1200	3003 1196	-3 4	
		16130	13230	11954	1376	
	Communications					
	Major Works					
	West Coast Division					
43	Improvements to the Chundale Mysore Road	31663	17463	17275	188.	
44	Road from Tuvur to Karivarakundu		6035	9308	3273	Items 44 to 51. Expenditure was incurred against the lump sum grant of Rs 55,457 allotments by individual works could not be applied for, for want of information of actual requirements in each case as the progress mainly depending on the number of coolies coming to the work. It will be seen that the lapse on the whole was only Rs 1071 which was due to an allotment
45	Road from Melathur to ___ do ___		4623	14932	10309	
46	Road from Pandikad to Karivara kundu via Thuvur			5707		
47	Road from Kalikavu to Nilambur			10086		
48	Road from Karivarakundu to Kalikavu	50,000	44,799	5152	14,653	
49	Pandalur Road			9138		
		81663	72920	71598	1259	

	Mir Coast Division					
2	Minor Works	"	"	38	38	
63	Repairs	"	"	10	10	
53	Ooty Coonoor Ghat Road	20,000	15,000	15,555	-555	Excess due to advances having been made to piece workers for collecting labor &ca.
	Cartstands on Ootacammund Kallar road	"	"	388	-388	
55	Minor Works	1000	600	554	46	
6	Repairs	50,000	50,000	50,086	-86	
		71,000	65,600	66583	-983	
	Salem Division					
	Major Works					
7	Surveying Yercaud Ghat Road	3000	1200	1127	73	
	Miscellaneous Public Improvements					
61	Coimbatore Division					
	Major Works					
58	Filling in Ootacammund Lake	53069	54769	55393	-624	The differences of excess and lapse respectively are due to outlay on work

Second Circle Imperial Military Works.

Statement comparing original grants, final grants, & actual expenditure during 1897–98.

Division	original grant	final grant	Actual expenditure	short or excess outlay	Explanation for short or excess outlay, major works to be specified—
			Original Works.		
			Nil.		
			Repairs.		
Kistna—					
Eastern—	360	360	360	"	
Nellore—	240	240	239	1	

W. Hannen
Superintending Engineer II
Circle.

19 KK GM.

Second Circle. Incorporated Local Civil Works.

Statement Comparing original grants, final grants & actual expenditure during 1897–98.

Divisions	original grant	final grant	Actual expenditure	short or excess outlay	Explanation for short or excess outlay.
Original Works Major.					
	Nil.				
Minor.					
	Nil.				
Repairs.					
Kistna Eastern	1300	1300	1311	–11	The differences are trifling.
Do–Western	1800	825	887	–62	
Nellore	600	600	589	11	

Assistant Superintending Engineer II Circle.

AH

W.

Second circle. Excluded Local Civil Works.

Statement comparing original grants, final grants & actual expenditure during 1897-98.

Division	original grant	final grant	Actual Expenditure	Short or excess outlay.	Explanation for short or excess outlay.
			Original Works Major.		
			Nil.		
			— Minor —		
Krishna Eastern	"	80	1	79	The differences have been surrendered but have not been accepted Vide G.O. No. 846W/A dated 29-5-98.
			— Repairs —		
Do — Do —		700	526	249	277

Superintending Engineer II Circle.

Superintending Engineers office
II circle dated Bezwada 4/7/98.
5/7

No 387 GC

From,

J. Hannan Esquire,

Superintending Engineer II circle.

To,

The Chief Engineer
Public Works Department.

Sir,

I have the honor to forward herewith statements comparing original grants, finial grants and actual expenditure during 1897-98 under each fund administered by the General Branch.

I have the honor to be
Sir,
your most obedient servant
J. Hannan
Superintending Engineer II circle

AK

JH.

Public Works (1898) Department.

CURRENT No. 5144

From The Supty: Engineer, III Circle, Bellary.

Order

No. 27C

Dated 18th June 1898

Received } 20.6.98

Registered }

Enclosures 6

Spare copies

SUBJECT.

Statements comparing original grants, final grants & actual expenditure during 1897-98— Forwarding—

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Third Circle.

Provincial Civil Works.

Statement comparing original grants, final grants, and actual expenditure during 1897-98.

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Name of work and division.	Original grant	Modified grant	Expenditure	Short or excess outlay	Explanation for excess or short outlay.
	Provincial Civil Buildings.					
	Major Original Works.					
	Bellary Division.					
1	Taluq Cutcherry at Dharmavaram - Constructing.	"	4,000	5,903	1,903	Progress good and hence more money spent.
2	——do—— Madakasira - - - -	4,999	6,500	5,932	568	The amount applied for was more than the actual requirement - The balance of grant was subsequently transferred to other work but as it was too late it could not be accepted.
3	——do—— Tadpatri - - - - -	1,500	2,000	1,929	71	Trifling.
4	——do—— Gooty - - - - -	7,000	7,000	6,346	654	No final payment could be made, as the revised estimate sent to Government has not yet been received duly sanctioned.
5	——do—— Hindupur - - - -	4000	4,800	4835	35	Trifling.
6	——do—— Alur - Improvements—	5,700	3,000	3,925	925	Progress good. Additional funds applied for but it was too late to be granted.
7	——do—— Hospet - - - - -	1,400	1,400	955	445	Contractor having failed to accept the final Bill, payment could not be made before the closure of the year.
		26599	28700	29825	1125	

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Name of work and division.	Original grant	Modified grant	Expenditure	Short or excess outlay	Explanation for excess or short outlay.
		26,599	28,700	29,825	1125	
8	Police Office at Anantapur. Constructing	2,000	6,000	3,000	3,000	Amount could not be paid as there was a dispute with the contractor and also for want of sanction to the revised estimate. This amount was transferred to other works in the Division too late in the year, hence not accepted.
9	School House at Anantapur ——do——	1,000	1,000	728	272	Work completed and final bill paid.
10	District Sargeon's quarters at Anantapur Improvements	.	.	15	15	Trifling.
11	Head Assistant Collector's residence at Hospet. Constructing...	600	600	935	335	This is an incomplete work of last year. Work completed and final payment made and Completion Report sent.
12	Police Station at Bruce pettah ——do——	.	.	189	189	——Do—— ——Do—— ——Do——
		30,199	36,300	34,692	1608	

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Name of work and division.	Original grant	Modified grant	Expenditure	Short or excess outlay	Explanation for excess or short outlay.
		30,199	36,300	34,692	1,608	
13	Police Station at Adoni - Constructing	984	1,584	1,436	148	Final bill under settlement, hence short outlay.
14	Famine Tools Godowns at Bellary	7,000	5,000	4,768	232	Value of P. W. Workshop material is expected to be adjusted in the Supplemental Accounts for March 1898.
15	Taluq Cutcherry at Kalyandroog - Constg.	2,000	1,500	2,500	1,000	Materials were collected long ago and the contractor was paid a portion of its value. There was no time to apply for additional funds. The transfer of funds from other works proposed by the Executive Engineer could not be accepted as it was too late in the year.
16	District Jail Bellary - Reroofing certain portions with Mangalore tiles	2,000	2,000	2,022	22	Trifling.
17	Sub Registrar's Office - Alur	"	"	217	217	Incomplete work of last year, work completed and final bill paid.
18	Tools Godown No. 3 in the Engineer's yard Bellary Extending	"	"	382	382	The extension was necessary and hence outlay incurred.
	Total Original Works - Major	42,183	46,384	46,017	367	
19	Minor Original Works - Lump sum	1,000	2,800	3,239	439	Excess could not be anticipated in time to apply for additional funds.
20	Repairs - Lump sum	5,000	6,240	6,740	500	
21	Tools and Plant	1,000	1,000	1,345	345	
		49,183	56,424	57,341	917	

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Name of work and division.	Original grant	Modified grant	Expenditure	Short or excess outlay	Explanation for excess or short outlay.
	Cuddapah Division.					
	Major Original Works.					
1	Constg. Salary Office at Rayachoti. —	2,738	2738	4,120	1382	The excess is due to an overpayment to the piece worker. This amount will be adjusted against items due to contractor on other work in the accounts for March Supplemental, when this excess will disappear.
2	——do—— Proddatur - - - - - -	3920	6,920	6,415	505	Savings on the estimates.
		6,658	9,658	10,535	877	
3	Minor Original Works. Lump sum —	1,000	1,500	1,668	168	Being below Rs 500 no explanation required.
4	Repairs - Lump sum - - - - - -	3,000	2,000	1,897	103	
5	Tools and Plant - - - - - -	1,000	1,000	563	437	
		11,658	14,158	14,653	505	

BACK PAPERS. FURTHER PAPERS.

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No:	Name of work and division.	Original grant	Modified grant	Expenditure	Short or excess outlay	Explanation for excess or short outlay.
	Kurnool Division.					
	Major Original Works.					
1	Taluq Office at Pattikonda - - - - -	20,267	200	203	3	
2	Dy: Collector's Cutcherry at Markapur —	2,400	802	802	-	
3	Police Hospital with outhouses - Kurnool —	"	"	46	46	Short or excess outlay being within Rs 500 requires no explanation.
4	Stationary Sub Magistrate's Office, Nandyal -	1,700	1,250	1,274	24	
5	Conoly's Store shed for Famine Tools at Cumbum -	600	498	445	53	
6	—do— Rest House - Markapur —	"	"	216	216	
7	—do— Sub Registrar's Office, Allagadda	"	"	216	216	
		24,967	2,750	3,202	452	

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Name of work and division.	Original grant	Modified grant	Expenditure	Short or excess outlay	Explanation for excess or short outlay.
		24,967	2,750	3,202	452	
8	Police Office - Kernool - - - - - -	15,600	5,600	5,613	13	
9	Dy: Tahsildar's Office at Atmakur -	"	"	130	130	
10	Constg: Outhouses &c for the Dy: Collector's Office - Markapur -	"	500	860	360	
	Total Major Original Works —	40,567	8,850	9,805	955	Short or excess outlay is within Rs 500.
11	Minor Original Works - Lump sum —	500	1,500	1,611	111	
12	Repairs - Lump sum - - - - - -	300	1,216	1,398	182	
13	Tools and Plant - - - - - -	300	"	357	357	
		41,667	11,566	12,457	891	
	Grand Total - - - -	102,508	82,148	84,451	2,313	

Supdg: Engrs Office, III Circle
Camp, Pulivendla
18th June 1898

W Waddell Lieut & Col R.E.
Superintending Engineer, III Circle.

BACK PAPERS. FURTHER PAPERS.

Third Circle.

Imperial Civil Works.

Statement comparing original grants, final grants and actual Expenditure during 1897-98.

Statement comparing original & grants, final & grants and actual Expenditure during 1897-98

Division	Original grant	Final grant	Actual Expenditure	Short or Excess outlay	Explanation for Short or Excess outlay
Ballary Division.					
Imperial Civil Works.					
Minor Original Works	..	173	193	20	
Repairs	600	300	164	136	The Estimate for Rs. 135/- for Repairing the Post Office at Adoni was not taken up for Execution as the Estimate was not returned in time with Countersignature.
Cuddapah Division					
Repairs	200	200	157	43	Trifling.
Kurnool Division					
Minor Original Works	"	385	369	16	
Repairs	200	"	"	"	
	1000	1058	883	175	

18th June 1898.

Lt. Col. Maddeley R.E.
Chief Engineer III Circle.

Thir'd Circle.

Imperial Military
Works.

Statement Comparing
original grants, final
grants and actual
expenditure during
1897-98.

Nil

Lieut Saddler A.Bod.R.

Supg Jr. Engineer
III Circle

18th June 1898.

Third Circle

Works in Estab
under the Court
Wards.

Statement compa
original grants, fi
grants and actua
Expenditure during
1897-98.

Vil

Lieut Baldwin
Lt. Col Kz

Supt & Engineer
III Circle.

18th June 1898.

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5144/98

III Circle

Incorporated
Local Civil Wor

Statement Compar
original grants, fina
grants and actua
Expenditure during
1897-98.

Nil.

W. Baddeley
Lt: Col: RE

Supt. & Engineer
III Circle.
18th June 1898.

Class 5:4
51/1015

Third Circle.

Excluded Local
Civil Works.

Statement Compar
original grants,
final grants, an
actual expenditu
during 1897-98.

Nil.

Lieut Baddeley

Lt. Col

Supdg Engineer
III Circ

18th June 1898.

B.S. 16/6 Supdg Engineer III Circle

No. 27C

Superintending Engineer's Office,
Camp Pullampet 3RD CIRCLE.
~~Bellary~~ 18th June 1898.

FROM Lt.-Col: W.L.G. Baddeley R.E.
~~ESQ.~~,
SUPERINTENDING ENGINEER,
IIIRD CIRCLE,
BELLARY.

To THE Chief Engineer
P.W.D.
Madras.

Sir,

Enclosures. 6

With reference to Your Memo No. 1910C dated 11th May 1894, I have the honor to forward herewith Statements comparing original grants, final grants and actual expenditure during 1897-98 under each fund administered by the General Branch.

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

W.L. Baddeley Lt.-Col:
B.S.-16/6 Supg. Engineer III Circle

166B

From

The Superintending Engineer,
IIIrd Circle,
Bellary.

To

The _____

_____

_____

Dated
Received } _____ 189 .

Enclosures.

No.

Subject.

Public Works (1898) Department.

CURRENT No. 5660

From The Supg. Engineer 4th Circle.

Order

No. 350/5

Dated 4th July 1898.

Received

Registered } 7.7.98

Enclosures 6.

Spare copies ✓

SUBJECT.

Statements comparing Original grants, final grants and actual expenditure during 1897-98.

Submits ___ under each fund administered by the Genl Branch in the Circle with explanation for short or excess outlay.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Imperial Military Works

Fourth Circle

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Division	Original Grant	Final Grant	Actual expenditure	short or excess outlay	Explanation for the short or excess outlay
	West Coast Division Major Works					
1	Constructing a new block of married quarters with out-houses at West-Hill Calicut	10,000	3000	2420	580	The site originally selected was condemned and the work was stopped. The materials brought to site had to be taken over. The value of materials selected fell short of expectation, and hence the small lapse which was unavoidable.
2	Minor Works	4	2755	1743	1012	The amount lapsed represents the amount specially reserved for works at Quilon which had to be carried out-by the

Page 2

Statement comparing original grants, final grants and actual expenditure during 1897-98.

Item No.	Division	Original Grant	Final Grant	Actual expenditure	short or excess outlay	Explanation for the short or excess outlay
3	Palace	18339	30289	28252	2039	
	Civil Station Division	38,375	36 044	32 413	3 631	
4	Minor Works	"	"	85	-85-	
5	Palace	8400	11400	11029	371	
	Salem Division					
6	Palace	200	200	200	"	
	Malabar Division					
7	Palace	500	1650	1650	"	

Accounts

Superintending Engineer

4th Circle

Imperial Civil Works — Fourth Circle

Statement Comparing Original grants, final grants and actual expenditure during 1897-98.

Item No.	Divisions	Original grant.	Final grant.	Actual Expenditure	Short or excess outlay.	Explanation for short or excess outlay.
	Postal					
	West Coast Division					
1	Minor Works	"	35	39	-4	
2	Repairs	2,000	1,200	870	-330	Due to certain urgent repairs not anticipated having had to be carried out in the Vignod sub. Div very late at the end of the official year.
	Telegraph					
3	Minor Works	17	17	18	-1	

Provincial Civil

Fourth Circle

Statement comparing original grants, final grants and actual expenditure during 1897-98.

	Division	Original grant	Final grant	Actual expenditure	Short or excess outlay	Explanation for short or excess outlay.
	2	3	4	5	6	7
	Provincial Civil Buildings North Arcot Division					
	Major Works.					
1	Deputy Tahsildar's office with out Houses at Tirupathy	"	745	775	-30	Completed
2	Sub Registrar's Office at Katpadi	600	1125	1123	2	do
3	Strengthening the windows and ventilators of the sleeping wards in the Central Jail Vellore and covering wells with iron gratings	1080	1710	1708	2	do
4	Providing additional accommodation in the Taluk cutcherry at Arcot	1000	"	67	-67	Completed - Incomplete work of last year. Specific allotment not necessary
5	First class Taluk cutcherry at Chandragiri	"	"	31	-31	do do do
	Circular kitchen with 12 king places in the Central Vellore and protecting walls with the dwarf walls	"	"	45	-45	do do do

F.01.

Provin
State
1897-8

Encls. No. 3 & letter No. 350

Repairs	4	5701	4927	11 2	The road was to be stopped all on a sudden owing to the arrival of troops at the end of the year which had to be landed. It was then too late to surrender the balance of the grant.
	15293	15520	13861	16 59	

Confirmed
Superintending Engineer
4th Circle.

J.D.L.

Enclosed with D.O. No. 984 to letter No. 3...

Excluded Local Civil Works

Fourth Circle

Statement comparing original grant, finial grants, and actual expenditure during 1897-98.

Item No.	Division	Original grant	Fin. grant	Actual expenditure	Short or excess outlay	Explanation for short or excess outlay.
	West Coast Division Major Works.					
1	Quarters with out. houses for the Post-office at Calicut	8443	8443	7992	451	Work was completed but finial payment could not be made owing to the bill having had to be returned at end of March. once to an [illegible] and hence the small lapse.
2	Minor Works	6850	1316	880	436	Short outlay due to the boring operation for the new pier at Calicut having been retarded by the rough sea Rs600 sanctioned in G.O No. 7432 dated 18th March 98 received late in the year.

Incorporated Local Civil Works — Fourth Circle

Statement comparing original grants, finial grants and actual expenditure during 1897—98.

Item no	Division	Original grant	Finial grant	Actual expenditure	Short or excess outlay	Explanation for short or excess outlay.
	Coimbatore Division					
	Communications					
1	Repair	4	4	15	-15	For forming and gravelling road way over the bund of Gettiamudaem tank. The President Erode Taluq Board reports that arrangements have been made through the Accountant General to place funds at the disposal of this department.

Submitted

Superintending Engineer
4th Circle

Works in Estate under the Court of Wards. Fourth Circle

Statement comparing Original grants, Final grants, and actual expenditure during 1897–98.

Item No.	Division	Original Grant	Final Grant	Actual expenditure	Short or Excess outlay	Explanation for short or excess outlay
	Salem Division					
	Estate Works					
1	Repairs ———	4	4	4	"	

Examined

Superintending Engineer

4th Circle

Superintending Engineer,
Office: 4th Circle: 4th July 98

No 350/5

From

A. H. Garrett Esq,
Superintending Engineer
4th Circle

To

The Chief Engineer P.W.D.

Sir,

Enclosures 6 statements

Adverting to your Memorandum No 1910C dated the 11th May 1894. I have the honour to submit in the prescribed form six statements Comprising original grants, finial grants, and actual expenditure during 1897—98 under each fund administered by the General Branch in this Circle with necessary explanation for short or excess outlay.

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

Superintending Engineer
4th Circle

P.T.O.

Public Works (1898) Department.

CURRENT No. 5295

Order

From The Supty Engineer
5th Circle

No. 4068

Dated 22 June 1898.

Received 23-6-98

Enclosures

Spare copies

SUBJECT.

Imperial Military

Statement comprising
grants & outlay under —
for 1897-98.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

V - Circle

Imperial Military

Statement comparing Original grants, final grants and actual expenditure during 1897-98.

Division	Name of works	Original grant	Final grant	actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay
	Major Original Works.					
	Nil					
	Minor Original Works.					
South Arcot	Lump sum grant	"	20	20	"	
	Repairs.					
South Arcot	Lump sum grant	30	"	-3	3	
Negapatam	do do	264	234	234	"	
	Total - Repairs	294	234	231	3	

No. 4068.

Office of the Supty: Engineer
V - Circle.
Chepauk 22/23 June 1898

To,
The Chief Engineer
P.W.D.
Madras

Asstant

Colonel R.E.

Offg: Supty: Engineer V Circle.

Public Works (1898) Department.

CURRENT No. 5490

Order

From

Ia Esp. Engineer
17 Circle

No. 1014 T.S.

Dated 29 June 1898

Received 1.7.98

Enclosures

Spare copies

SUBJECT.

Imperial
Military Works

Statement comparing
original Estt. final Estt.
and actual expenditure
during 1897—98.

B/

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No: 1014 TC

Trichinopoly

Imperial Military Works.

Statement comparing Original Estmts. Final Estmts. & Actual expenditure during 1897-98 - Vide Memorandum No: 1910 C dated 11 May 1894 from the Chief Engineer - P.W.D.

Division	Original Estmt.	Final Estmt.	Actual Expenditure	Short or excess outlay	Explanations for short or excess outlay — Major Works specified.
Trichinopoly.					
Major Works —	"	1162	1162	"	
Minor Works —	"	680	616	64	Differences are small - need no explanation.
Repairs —	6,827	6,327	6,349	22	
	6327	8169	8127	42	
Madura.					
Major Works	"	"	"	"	
Minor Works	"	"	"	"	
Repairs —	180	240	240	"	
Tinnevelly					
Major Works	"	"	"	"	
Minor Works	"	"	"	"	
Repairs	360	"	"	"	

29-6-98.

The Chief Engineer P.W.D.

O.V. Kodilly Lt Col. R.E. Supdg Engineer, Trichy

Public Works (1898) Department.

CURRENT No. 5294

Order

From The Supty Engineer
5th Circle

No. 405 W.

Dated 22/23 June 1898.

Received 23-6-98

Enclosures

Spare copies

SUBJECT.

Imperial Jail Works.

Statement comparing
Grants and outlay under
for 1897-98.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

V. Circle

Imperial Civil Works.

Statement comparing Original grants, final grants and actual expenditure during 1897-98

Division	Name of Works.	Original grant	Final grant	Actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay
	Major Original Works.					
	— Salt. (Communications) —					
Chingleput	Mathur Branch road. Restoring	"	"	1448	1448	The outlay on the work has been written back to "45-Prov. Civil Works". Hence the minus expenditure
	Minor Original Works.					
	— Telegraph. —					
Negapatam	Lump sum grant	"	34	33	1	Short outlay trifling
	Repairs.					
	— Postal. —					
Chingleput	Lump sum grant	260	460	402	58	Short outlay trifling
South Arcot	do do	100	205	153	52	Short outlay due to the deviation statement having been sanctioned late in the year.
Tanjore	do do	500	500	497	3	Short outlay trifling.
Negapatam	do do	40	"	"	"	
	Total	900	1165	1052	113	
	— Telegraph. —					
South Arcot	Lump sum grant	50	"	"	"	
Negapatam	do do	80	318	123	195	Work stopped owing to the revision of estimate which has not yet been sanctioned.
	Total	130	318	123	195	
	Salt.					
Negapatam	Lump sum grant	"	"	367	-367	Incomplete work of previous year requires no specific grant.

No. 405 K

Office of the Supty: Engineer V Circle. Chepauk 22/23 June 1898

To, The Chief Engineer. P. W. D. Madras

Arbuthnot Colonel RE

Offg: Supty: Engineer V Circle.

Public Works (1897) Department.

CURRENT No. 5491

Order

From

Inspector
W Creich

No. 1015 T.C.

Dated 29 June 1897

Received 1.7.97

Enclosures

Spare copies

SUBJECT.

Imperial - Civil Work.

Statement comparing original grant, final grant and actual expenditure during 97-98

B/

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No: 1015 T.C. — M Circle

Imperial — Civil Works.

Statement Comparing original grants, final grants & actual expenditure during 1897-98. Vide Memorandum No: 1910 C dt 11 May/98 from the Chief Engineer. P.W.D.

Division		Original Grant	Final Grant	Actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay — Major Works specified.
Trichinopoly.						
Minor Works	Postal	"	520	496	24	Differences are small.
	Telegraph	"	"	"	"	
	Salt & Abkari	"	130	117	13	
Repairs Minor Works	Postal	300	500	500	.	
	Telegraph	200	300	294	6	
		500	1450	1407		
Madura						
Minor Works	Postal	"	2215	2211	4	Difference trifling
	Telegraph	"	200	200	.	
Repairs	Postal	200	210	206	4	Difference trifling
	Telegraph	100	.	.	.	
		300	2625	2617	8	
Tinnevelly						
Minor Works	Postal	"	"	.	.	* Rs 52 advanced & Travancore Govt. for repairing post offices remain to be adjusted & Rs 40 is a carried on an estimate.
	Telegraph	.	.	"	.	
Repairs	Postal	600	700	508	192*	
	Telegraph	200	180	176	4	Saving on a completed work.
		800	880	684	196	

D/. 29. 6. 98.

To The Chief Engineer P.W.D.

D. V. Wodehouse Lt. Col. R.E. Supg Engineer, M Circle

Public Works (1898) Department.

CURRENT No. 5293

Order

From The Supty Engineer
6th Circle

No. 4048

Dated 22/23 June 1898.

Received 23-6-98

Enclosures

Spare copies

SUBJECT.

Provincial Civil Works.

Statement comparing
Grants and outlay under
for 1897-98.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

V-

Provincial

Statement comparing Original grants, final grants paid, actual expenditure during 1897-98.

Circle

Civil Works.

Division	Name of works.	Original grant.	Final grant	actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay
	Major Original Works (contd.)	16.351	35491	35990	-499	
	Civil Buildings.	1.000	1.040	920	120	
South Arcot	Sub-Registrar's Office at Kallakurchy	200	530	669	-139	
	Constructing	"	"	317	-317	Incomplete work of previous year completed.
——do——	——do——do—— Kurinjipady	"	1200	1200	"	——do——
——do——	New Cemetary at Villupuram Constructing	"	"	233	-233	Incomplete work of previous year.
——do——	Sub-Registrar's Office at Tindivanam	"	"	445	-445	——do——do——
		19351	43031	43266		
Tanjore	Gymnasium shed at the Provincial College at Kumbakonam	1230	1230	1355	-125	Work completed. Excess trifling.
——do——	Additions and improvements to the Taluq Office at Nannilam	"	"	17	-17	Incomplete work of previous year
——do——	Sub-Registrar's Office at Shiyali Constructing	"	"	26	-26	——do——do——
——do——	Public Offices at Tanjore - Constructing	62876	28114	28178	-64	Excess trifling.
		64106	29344	29576		

V-

Provincial

Statement comparing Original grants, final g

circle

Civil Works.

rants paid, actual expenditure during 1897-98.

Division	Name of works.	Original grant	Final grant	actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay
	Major Original Works (contd.)	64 106	29344	29576		
	Civil Buildings.	1550	2170	2062		
Tanjore	Upper-story on the Provisional Office building at Tanjore. Constructing	450 "	450 "	528 390	- 390	Incomplete work of previous year.
—do—	Stationary Sub-Magistrate's Office at Kumbakonam. Constg.	6140	6140	5966	174	Short outlay trifling
—do—	New District Munsif's Court at Shigali. Constructing	2282 "	2329	2329	~~2329~~	The outlay represents the cost of land taken up for the work.
		76296	44483	44851		
Negapatam	Customs godown at Negapatam Constructing	"	"	- 529	529	Work stopped for want of site. Materials collected for the work have been transferred to other works.
		200 2225	1968 2025	1627 2470		
—do—	Sub-Registrar's Office at Pattukota Constructing	"	"	269	- 269	Incomplete work of previous year.
		2425	3993	3837		

V-

Provincial

Statement comparing Original grants, final g

circle

Civil Works.

rants paid, actual expenditure during 1897-98.

Division	Name of works.	Original grant	Final grant	actual Expendi-ture	Short or Excess outlay	Explanation for short or excess outlay
	Minor Original Works. — Civil Buildings.					
P. W. Stores	Lump sum grant	200	250	275	-25	Excess trifling
P. W. Workshops	do	"	"	56	-56	Value of work done for providing Lamp posts for P. W. Workshops.
Chingleput	do	400	750	760	-10	Excess trifling
South Arcot	do	1000	1040	920	120	certain adjts expected from P.W. Workshops on account of beautifying &c. for conversion of Police Station into Sub-Registrar's office at Tiruvidaimarudur were not received. Short outlay trifling.
Tanjore	do	1550				
Negapatam	do	200	1968	1627	341	The difference is within Rs 500/-
	Repairs. — Civil Buildings.					
P. W. Stores	Lump sum grant	763	1100	1065	35	
P. W. Workshops	do	1000	1000	952	48	
Chingleput	do	2000	4610	4593	17	The difference is within Rs 500/-
South Arcot	do	2000	5300	5161	139	
Tanjore	do	4500	4500	4528	-28	
Negapatam	do	2225	2025	2470	-445	
	Major Original Works. — Communications.					
Chingleput	Alathur Branch road - Restoring	552	6362	6576	-214	Excess trifling.
	Minor Original Works. Civil					
	Repairs. Civil.					

V-

Provincial

Statement comparing Original grants, final g

circle

Civil Works.

rants and actual expenditure during 1897-98.

Division	Name of works.	Original grant	Final grant	actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay
	Tools and Plant.					
P.W. Stores	Indian Supplies			20790		A very large portion of this short outlay will
	Repairs and Carriage	7000	43788	23668	19330	be adjusted in the supplt. accounts for March/98
	London supplies	110000	100000	49536	50464	do do
P.W. Workshops.	Lump sum grant	3000	3000	3231	-231	
Chingleput	do	500	350	325	25	The differences are within Rs 500/-
South Arcot	do	1000	1000	1317	-317	
Tanjore	do	1000	380	-990	1370	The difference is due to certain adjts during the year
Negapatam	do	150	150	292	-142	Excess due partly to large repairs executed during the year & partly to the adjt. of value of certain Scientific instts transferred from Works-
	33. Famine Relief					
P.W. Stores	Lump sum grant	5000	5000	151163	-146163	About Rs 67000 of this excess amount will be transferred to "Provl. Civil Works" and the balance is the outlay on Famine Relief Works.

No. 404 W

Office of the Supty: Engineer
V- circle.
Chepauk, 22/23 June 1898.

To,
The Chief Engineer
P.W.D.
Madras

Archibald
Colonel R.E
Offg: Supty: Engineer,
V- circle.

Public Works (1898) Department.

CURRENT No. 5492

Order

From

The Engineer in Chief

No. 1016 P.

Dated 29 June 1898.

Received 1.7.98

Enclosures

Spare copies

SUBJECT.

Provincial - Civil Works

Statement comparing Original Grant, Final Grant and actual expenditure during 1897-98.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No: 1016 T.C.

II Circle

Provincial - Civil Works.

Statement Comparing Original Funds, Final Funds and Actual expenditure during 97-98. Vide Memorandum No: 1910 C dt 11 May 1894 from the Chief Engineer. P.W.D.

Division	Original Funds	Final Funds	Actual Expenditure	Short or Excess outlay	Explanation for short or Excess outlay. Major Works Specified.
					Major Works. Short or Excess outlay
Trichinopoly.					
Major Works.	12950	14819	15131	- 312	(1) Constg. a 1st Class Dakey Cutcherry at Musiri — Estimate Rs 36090 — Rs - 17
					(2) — Do — Do — at Jeyankonda. Sholapuram Estr. Rs 38610 — Rs - 37
					(3) Water supply. Trichinopoly Jail - Estimate Rs 4380 — 3 231
					- 312
					(1) & (2). Incomplete works of previous year. Expenditure being under Rs 500 each no formal allotment was necessary.
					(3) Lapse is due to the following reasons: — (1) Work was stopped for some time as the labourers were not allowed within the Jail Compound on account of Cholera in the town. (2) During Inspector General's inspection a new design was required which also retarded the progress
Minor Works	500	2,410	2,410	"	
Repairs —	10,000	6,470	6,229	241	Due to Savings.
Tools & Plant	400	400	306	94	Out of the balance a sum of Rs 14 will be adjusted in the supplemental accounts for March 1898.
	23,650	24,099	24,076		
		6m	6m	306	
Madura.	23,650	23,699	23,773		
Major Works.	"	5,749	5,544	205	(1) Constg. a Sub Registrar's office at Aruppukottai - Estr Rs 4,480 - 284
					(2) Constg. a residence for the Head assistant Collector at Ramnad. Estr Rs 11,890 —
					(3) Constg. a Sub. Registrar's office at Pudugy. Estr Rs 3,200 —

Division	Original Grant	Final Grant	Actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay. Major Works specified.
					(4) additions and alterations to the Dy. Tahsildar's office at Kodaikanal. Take Rs. 1920 — 275
					(5) additions to the new Talug. office to accommodate the Stationary Sub Magistrate at Tirumangalam. Take Rs 5170 — 168
					(6) Conctg. a ryot's shed and for providing furniture to the Head Asst. Collector's office at Ramnad - Take as Rs 19,100 — 105
					(7) Cutting a trace of Ghaut Road from Athur to Jirio Road No: 49. Lower Pulney. Take Rs 39/40 — 6
					206
					(1) Lapse of Grant is due to payments on extra items to Contractor + execution of some other items having been deferred pending sanction to Revised estimate.
					(6) Grant was given late in the year. Nothing more could be spent during the year on the preparation of Ryots sheds furniture &c.
					(2) + (4). Difference trifling
					(3), (5) + (7). Incomplete works of previous year. No formal allotment was necessary expenditure having within 500 Rs. Works completed.
Minor Works	1,000	5,250 5749	4,707 5546	543	additional allotment applied for was sanctioned late in the year - Hence short outlay
Repairs	5,000	7,000 6000	6,999 7999	1	
Tools and Plant	500	500	731	231	Due to the value of certain tools + plant supplied by the General Superintendent, P.W. Stores having been debited in the Supplemental accounts under "New Supplies".

Turn

Division	Original Grant	Final Grant	Actual Expenditure	Short or Excess outlay	Explanation for short or Excess outlay. Major Works specified
Tinnevelly.					
Major Works.	23115	20173	20240	- 67	(1) Improving the Talug office and Conctg. Sub Jail wards, Cook room and Compound wall at Palliar — Estimate Rs 5570 — 28
					(2) Conctg. an office room for the Tahsildar at Panchayanamvoil. Estimate Rs 2570 — 5
					(3) Conctg. an office and residence for the Asst. Supt. of Police at Tuticorin. Take Rs 12450 — 100
					- 67
					(1) + (2) Savings on Completed works.
					(3) The Sub Dy office, Srivaikuntham has apparently taken into account twice the recent grant of Rs 100 sanctioned for the work. Hence excess of Rs 100.
Minor Works	200	1300	1295	5	Saving trifling
Repairs	3500	3750	3749	1	Saving trifling
Tools + Plant	300	250	238	12	Difference is small.
	26715	25223	25284		

Dy. 29 June 1895.

V. V. Woodhouse Lt. Col. R.E.
Supg Engineer, 4th Circle

Chief Engineer
P.W.D.

Public Works (1898) Department.

CURRENT No. 5292

Order

From The Supg Engineer
5th Circle

No. 403 W

Dated 22/23 June 1898.

Received 23. 6. 98

Enclosures

Spare copies

SUBJECT.

Re comparable Local Funds
Works.

Statement comparing ge-
neral outlay under — Bom-
1897-98.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

V-

Incorporated Local Fund Works.

Statement comparing Original grants, final circle grants, actual expenditure during 1897-98.

Division	Name of works	Original grant	Final grant	Actual Expenditure	Short or Excess outlay	Explanation for short or excess outlay
	Major Original Works					
Negapatam	Improving the village road from Lutchmanguddi to Kattagam.	6650	5000	4525	475	Short outlay is due to the difficulty of getting labour owing to prevalence of cholera & harvesting in the latter part of the year. The difference is however within Rs 500/-
	Minor Original Works					
Negapatam	Lump sum grant	2366	3366	2207	1149	Short outlay is due to the difficulty of getting labour owing to prevalence of cholera and harvesting in the latter part of the year.
	Repairs					
South Arcot	Lump sum grant	3995	3995	3744	251	Of the lapse Rs 163 was erroneously charged to this head instead of to Irrigation. It had been written back in the supplt. accounts for March 1898 hence a corresponding amount of grant has lapsed.
Tanjore	do	5735	8065	7450	615	The outlay on certain works which were started late in the year was less than that anticipated.
Negapatam	do	3267	3407	3358	49	Short outlay trifling
		6650	500	6525	675	
do	Moiety of difference between the traffic receipts and cost of maintenance of the Vedaranniem canal	2366	3356	2207	-1149	Excess due to the adjustment of debits on account of moiety of cost of maintenance of the canal during the year and the additional funds applied for & a proposal for a re-appropriation of grant were not sanctioned - Hence the excess outlay.
		5566	5566	7398	-1832	
		17649	17329	17488	-159	

No. 240.

To,
The Chief Engineer
P.W.D.
Madras

Office of the Supty: Engineer
V. circle.
Chetpaut, 22/23 June 1898

Colonel R.E.
Offg: Supty: Engineer, V circle

Public Works (1898) Department.

CURRENT No. 5493

Order

From The Supt Engineer
Hawke's Bay

No. 1017 P.C.

Dated 29 June 1898

Received 1.7.98

Enclosures

Spare copies

SUBJECT.

Incorporated - Local Civil Works.

Statement comparing original Estimate, Final Estimate and Actual Expenditure during 97-98

By

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No: 1017 T.C.

Trichinopoly

Incorporated Local Civil Works.

Statement Comparing original fund, final fund & actual expenditure during 1897-98. Vide Memorandum No: 1910 of 11 May 1898 from the Chief Engineer. P.W.D.

Division	Original Grant	Final Fund	Actual Expenditure	Excess or Saving	Explanation for Excess or Saving in Major Works specified
Trichinopoly Communication					
Repairs	1070	2760	2627	133	The saving is partly due to a contractor having disputed & received final payment which was subsequently credited & Repairs
Madura.					
Minor Works.					
Original	10000	"	12	12	Will be adjusted in the Civil Deptt by debit to District Board. Exp. was incurred in connection with the Tenias Bridge taking levels.
Tinnevelly.					
Repairs	-	"	330	330	Outlay on Srivaikundam Periyakulam written back vide reference to Go. No: 3089 dt 11-11-97.

Dt. 29.6.98.

Dft.

Dft. 1898

Chief Engineer
P. W. D.

D.I. Roddy Lt. Col. R.E.
Supdg Engineer, Trichy

Public Works (1898) Department.

CURRENT No. 5291

Order

From The Supg Engineer
& Contlo.

No. 4028.

Dated 22 June 1898.

Received 23 6.98

Enclosures

Spare copies

SUBJECT.

Excluded Local Fund

Statement comparing
grants and outlay under
for 1897-98.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

V-

Excluded Local F

Statement comparing Original grants, final g

circle

und Works

rants and actual expenditure during 1897-98.

Division	Name of works.	Origina grant	Final grant	Actual Expendi-ture	Short or Excess outlay	Explanation for short or excess outlay
	Major Original Works					
Negapatam	Imprg. Public Impts. Improving and extending the Jetty wall at Negapatam.	2410	1305	971	334	Estimate sanctioned very late in the year hence the grant could not be fully spent
	Minor Original Works.					
Negapatam	Lump sum grant	70	820	471	349	do do do
		1000	1453	1925	-472	
		3480	3578	3367	211	
	Repairs.					
South Areat	Lump sum grant	1290	290	290	-	
Negapatam	do do	1000	1453	1925	-472	Excess due to outlay incurred on emergent repairs to groynes at Negapatam.

2 V

No. 40

To,

The Chief Engineer

P. W.

D.

Madras

Office of the Supty: Engineer
V- circle,
22 June 1898

Actual

Colonel RE

Offg: Supty: Engineer V circle

Public Works (1898) Department.

CURRENT No. 5494

Order

From

The Resident Engineer
Thursday

No. 1018 PC

Dated 29 June 1898.

Received 1.7.98

Enclosures

Spare copies 1

SUBJECT.

Excluded. Local Contract Works.

Statement Comparing Original Estimate, Final Estimate and actual expenditure during 1897-98

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No: 1018 P.R.

Vth Circle

Excluded Local. Civil Works.

Statement comparing original Estimate, final Estimate & actual expenditure during 1897-98. Vide Memorandum No: 1910 C.J. 11 May 1894 from the Chief Engineer. P.W.D.

Division	Original Estimate	Final Estimate	Actual Expenditure	Work or charge outlay	Explanation for short or excess outlay on Major Works specified
Trichinopoly Div —	"	"	"	"	
Madura.					
Major Works (Irrig)	"	"	240	240	Expenditure on the construction of a Residence with out houses for the Port officer at Pamban. Estd. Rs 8000 Due in complete work of last year. Work completed & completion Report sent.
Rajairo —	"	"	2294	2294	Due to outlay during 1895-96 on repairs to Tumkam Bungalow. Estd Rs 2,140 having been written back to Irrigation advances pending recovery from the Educational Department Vide Lr. No: 2765-W1/5-10-97
Tinnevelly.					
Major Works (Irrig)	"	2999	489	2,510	outlay of Rs 1820 incurred in 1896-97 on Pier Estimate sanctioned by S.G. 82 also part for Port officers quarters at Tuticorin was advised to take in the year. Hence short outlay.
Minor Works —	"	29	4	25	Fencing a portion of Govt. Rattle Feed premises not done. Hence short outlay
Repairs —	1500	257	137	120	Rs 60 Sanctioned in Lr. No: 561 W dt. 3-3-98 was unnecessary as the required fund was already in existence and the work was not carried out as glasses for lantern are not available
	1500	3285	630		

Dt. 29th June 1898.
930.

The Chief Engineer
P.W.D.

J. P. Hornby Lt-Col. R.E.
Supdg Engineer, Vth Circle

Public Works (1898) Department.

CURRENT No. 5495

Order

From

The Kapiti Inspector
Wellington

No. 1019 P.C.

Dated 29 June 1898.

Received 1.7.98

Enclosures 4

Spare copies

SUBJECT.

Works in Estates under the Control of Wards

Statement comparing Original Grants, Final Grants & actual Expenditure during 1897–98.

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 1019 T.C. — Mareeba

Works in Estates under the Court of Wards.

Statement comparing original funds, final funds & actual expenditure during 97–98. Vide Memorandum No. 1910 C dated 11 May 1898 from the Chief Engineer, Brisbane

Division	Original Grant	Final Grant	Actual Expenditure	Amt. of Excess outlay	Explanation for short or excess outlay. Major Works specified
Civil Department					
Miscellaneous.					
Court of Wards Estate Works					
Total - - - -					

Supt. Engineer's office, Mareeba
Dated 29th June 1898.

D. V. Bowley Lt. Col. R.E.
Supt. Engineer, Mareeba
29-6-98.

To The Chief Engineer Brisbane.

Public Works (1898) Department.

CURRENT No. 5348

From

The Consulting Architect
to the Government
of Madras

Order

No. 934

Dated 25th June 1898

Received } 27.6.98
Registered }

Enclosures 3

Spare copies

SUBJECT.

Submitting statement comparing original grant final grant & actual expenditure during 1897/98

B

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Consulting Architects Division

Imperial Civil Works

Statement comparing original grants final grants and actual Expenditure during 1897-98.

Particulars	Original Grant	Final grant	actual Expenditure	Short of Expenditure	Remarks
Original Works Major					
General Post office Constructing new Stables for horses.	"	"	-116	116	
Observatory building at Kodaikanal —					Work at a stand still for some
Constructing —	2820	500	3335	1665	time pending modifications
Observatory at Kodaikanal					by Astronomer
Constructing residence					Royal.
for the Superintendent	800	800	8189	-189	
Observatory at Kodaikanal					
Constructing quarters					
for the Establishment	3200	400	1435	-1035	Progress on work could not be postponed
Original Works Minor	589	589	617	-28	
Repairs Civil Buildings	3800	2300	2584	-284	
Total	45189	16289	16044	245	
Establishment	"	"	3690	-3690	Percentage
Tools & Plant	"	"	241	-241	Charges

Consulting Architects office
25th June 1898

Ch Lassit
Consulting Architect
to Government

Consulting Architects Division

Excluded Local, Civil Works

Statement comparing original grants, final grants, and actual Expenditure during 1897-1898.

Particulars	Original grant	Final grant	actual Expenditure	Short or Excess outlay	Remarks
Original works, Major	"	"	"	"	
Original Works, Minor	3114	3114	2814	300	
Repairs Civil Building	3000	2365	1962	403	
Total	6114	5479	4776	703	
Establishment	"	"	1098	-1098	Percentage Charges
Tools and Plant	"	"	72	-72	

Consulting Architects Office
25th June 1898

Ch Daniel
Consulting Architects
to Government.

W.S.7
5348/98

Consulting Architect Division

Provincial Civil Works.

Statement comparing Original grants, final grants and actual Expenditure during 1897-98

No.	Particulars	Original grant	Final grant	Actual expenditure	Short Excess outlay	Remarks.
	Original Works Imajor.					
1	Government House Guindy Constructing Servants qrs	5120	5120	5484	- 364	
2	Do Do Do Adding an upper Storey to the Military Secretary's Bungalow	9,880	9,880	9258	622	Savings on Estimate.
3	Public Ware House Madras Constructing	"	"	79	- 79	
4	Property rooms for the New Law Courts Constructing	18,658	9753	9749	4	
5	G'll Police Station Kilpauk - Constructing a new	"	"	65	- 65	
6.	New Law College - Constructing with out Sewers	20,000	20,175	20185	- 10	
7.	Connemara Library and Connected buildings	6,000	6,000	5967	33	
8	Presidency College Providing fittings & finishing the Chemical Laboratory	25,227	10,077	9705	372	
9.	General Hospital Altering Union room into Quarters for native paying patients	3,000	2,900	2864	36	
10	General Hospital. Constructing Apothecarys day and night rooms over Out patients dispensary.	4390	3690	3719	-29	
11.	Leper Hospital Constructing boundary wall in lieu of Corrugated iron fencing to the criminals Enclosure	"	"	65	- 65	
12	Maternity & Ophthalmic Hospital Constructing Quarters for the Hospital Apistants attached	800	800	895	- 95	
13	Inspector General of Registration Improvements to Office of.	500	500	535	- 35	
14	Government Press building - Erecting an upper Storey over the Jail Department	2,500	3,000	3184	- 184.	
15	Government House Madras Connected buildings Minor additions	3486.	3486	3568	- 82	
16.	General Hospital & connected buildings Minor additions	"	"	-10	10.	
	Original Works Minor.	6,000	10,027	10,095	- 68	
	Repairs Civil Buildings	100,000	79,439	80114	- 675	(i)
	Repairs Communications	13,500	13,500	13,501	- 1	
	Repairs Miscellaneous Public Improvements	13,000	9,000	10,065	- 1065	(ii)
	Original works & Repairs Total	232,056	187,347	189,087	- 1740	
	Establishment, Salaries, Travelling Allowance and Contingencies	61,000	60,000	55,371	4,629	
	Tools and Plant, New supplies and repairs	1,000	50	79	-29	

(i) Excess due to Engineering Staff having been employed for repairing Public Buildings damaged by Floods.

(ii) Excess due to Military Buildings damaged by Floods not provided for in Estimate.

Consulting Architect Office
Chepauk 28th June 1898

G. Davoll
Consulting Architect to Govt.

6 Govt.

C. A.
1 a. 500—11-6-97.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
25th June 1898.

No. 834.

From

G. S. T. Harris, Esq.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department.

Sir,

3 Enclosures.

In compliance with the requisition contained in your Memo: No. 1910 C dated 15th June 1894, I have the honour to forward herewith the required statement for each of the following funds.

1. Imperial Civil works
2. Provincial Civil works
3. Excluded Local Civil works.

I have the honor to be,
Sir,
Your most obedient Servant.

G. S. T. Harris.

Consulting Architect to Govt.

30/5/1R4
3728
RH/RS

GONO: 1343
PWD
30-MAY-1894

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following paper:—

From Commander H. A. STREET, R.I.M., Acting Presidency Port Officer, to the Chief Secretary to Government, dated Madras, 2nd April 1894, No. 1676—107-G.

Having completed the annual inspection of the ports and lighthouses of the Presidency, I have the honour to submit the following remarks, with reference thereto, for the consideration of the Government, viz.—

LIGHTS AND LIGHTHOUSES.

On the whole, the several light apparatus had been well looked after and were in an efficient state; the different columns, light-keepers' quarters and other buildings connected therewith, with one or two exceptions which will be noticed hereafter in dealing with individual ports, were in good order; the light-keepers generally did not appear to be very intelligent, especially the men holding the posts of 3rd and 4th keeper, and considerable difficulty is experienced in obtaining intelligent applicants for these appointments as the scale of pay is said to be too low to attract any, except persons belonging to the ordinary cooly class, men unfitted in every way to deal with valuable apparatus requiring in many cases delicate manipulation; the consequence is, that most of the work is thrown on the superintendent and the head light-keeper, and the brilliancy of the light at night is apt to be affected through the want of intelligent supervision. At out-of-the-way stations, like Point Divi for instance, the lightkeepers experience difficulty in obtaining supplies, and at such stations I think that the lighthouse establishment should be provided with rations, as is the case on the coast of Burma. These matters, however, will form the subject of a separate communication.

PORT OFFICE ARRANGEMENTS.

The result of my inspection of the different books maintained in connection with the accounts and other matters appertaining to port affairs revealed, in many cases, the impossibility of working an office efficiently with clerks who have received no previous training in keeping accounts, and that even the most clearly-worded instructions on the subject are apt to be misunderstood by such men. My stay at some of the ports, owing to delay in the arrival of the coasting steamer, was long enough on this occasion to permit of my making a more careful inspection of the office arrangements than I had been able to do on previous occasions, and afforded me the opportunity of pointing out personally to the Port officer the mistakes that had been made and acquainting him with the system on which the different books should be maintained. Since my return to Madras, I have issued further instructions on the subject which will, I trust, effectually remove all further misapprehension as to the entries which should be made in the different books. The strength of the several office establishments seemed, on the whole, sufficient, but an additional clerk is required both at Tuticorin and Calingapatam, and this matter will form the subject of a separate letter.

General Port Arrangements.

The state of the buildings, quays, flagstaves, port boundary pillars, buoys and life-saving rocket apparatus maintained at the cost of port funds was satisfactory, and showed that the different officials concerned had exercised proper supervision over the same; the universal buoyage system is gradually being brought into use as new buoys become necessary; the signalling arrangements were efficient, and the signallers appeared to be acquainted with their duties; the licensed boats, in most cases, were sufficient for the needs of the port, and the several registering officers, apparently, had paid due attention to their duties as such in connection with the working of the boat rules. A boat overseer is much required at the port of Calicut, where the distance of the Port office from the place where landing and shipping operations are carried on renders it impossible for the Port officer to exercise proper supervision over the same. This matter was brought before the Government last year, but the proposal then made to increase the port establishment did not meet with approval. At ports at which dredging operations are carried on, the dredging apparatus was in good order; practice with the life-saving rocket apparatus was carried out efficiently in my presence at Bimlipatam and Gopalpur (the question of maintaining this apparatus in future will form the subject of a separate communication). The state of the bar at Cocanada, Masulipatam, Cuddalore, Negapatam and of the backwater at Mangalore is never likely to be satisfactory, for the reason that no permanent improvement is possible except at an expenditure quite beyond the resources of the port. During each dry season landing and shipping operations at these ports will be always hampered, and the sooner the steamer agents and other persons concerned in the trade of the port recognise this fact and the impossibility of improving matters without the necessary funds, the better it will be for every one concerned. At ports at which cargo work is not of daily occurrence and the boatmen of the port have to depend mainly on fishing as a means of livelihood, landing and shipping operations are occasionally checked by the difficulty of boat-owners in obtaining crews for their boats, and this is also a matter which the steamer agents fail to recognise is quite beyond the control of the local port officer and at times causes many useless references to me on the subject. The supervision which is exercised by the local Port officials over the working of the Native Passenger Ships Act has been satisfactory. The attention of out-Port officers has recently been called to the necessity of exercising a more efficient scrutiny over the certificates of registry of native craft and with good effect.

Individual Ports.

Coondapoor.

Since my last inspection of this place (1890), considerable erosion of the foreshore on the north side of the river entrance has taken place, and the site of the light exhibited at the port has been endangered thereby; a large sand bank has now formed just inside the entrance to the river and is utilised for curing fish. The narrowing of the entrance to the river, caused by the formation of the sand bank at the mouth of the river, has rendered it difficult for native coasting craft to load and discharge in the immediate vicinity of the Custom-house, and as they now take up berths further inside the river, the Conservator recommended that the limits of the landing place should be extended. I looked into this matter and a proposal in connection with the same will be put forward in due course.

Malpe.

The silting which has taken place in the channel leading to the Custom-house has made it necessary to utilize the sandy spit to the westward for landing and shipping operations. The native merchants complained of the difficulty they were experiencing through the silting up of this channel, and begged that measures might be taken to make a road across the silted-up part from the Custom-house to the beach. The matter is receiving attention, and will form the subject of a separate communication. I was very well satisfied with the intelligent supervision exercised by M.R.Ry. M. Ananda Rau, the Port Conservator.

Mangalore.

1. The state of the backwater at this port has already been made known to the Government, so it is unnecessary for me to remark further on the matter beyond expressing an opinion that no permanent good can be effected except at an expenditure quite beyond the resources of the port. What with the drainage of the town flowing into the backwater and the action of the two rivers, it seems to me that landing and shipping operations can be only economically facilitated by keeping open a channel by dredging, and clearing an area by the same means sufficient for the berthing requirements of the native coasting craft.

2. The new quarters for the light-keepers which were completed during 1893 remain unoccupied, as the present keepers, who are married men, decline to use them on the plea that they have their own huts in the town. I have instructed the Port officer that, on any change taking place in the lighthouse establishment, no person is to be engaged as a keeper unless he agrees to occupy the quarters provided for him.

3. A few repairs to the lighthouse column are necessary, and action in the matter has already been taken.

4. The careful scrutiny exercised by the present Port officer over the certificates of registry of native craft, and the action he has taken in requiring the provisions of the Boat rules and of Act X of 1841 to be more carefully attended to than hitherto by the persons concerned, has caused some little friction, but this cannot be avoided under the circumstances and the course pursued by the Port officer meets with my approval.

5. The local representative of Messrs. Shepherd and Co., the managing owners of the line of small coasting steamers trading between Bombay and Mangalore, interviewed me in respect to the placing of a light on the Mulki Rocks—a small rocky patch about 20 miles to the northward of Mangalore—in order to enable their steamers to pass between the rocks and the mainland after dark and thus save a few miles. The matter was considered by the Government in May 1890,* and it was then decided not to maintain a light on the rock.

* G.O., No. 176, dated 10th May 1890.

Cannanore.

1. The burners of the light apparatus at this port were in a defective state, and I at once took measures to have them replaced by others of an improved pattern.

2. The supervision over the light which the Conservator is expected to exercise is prevented to some extent by the difficulty of gaining access to it by night, owing to the regulations relating to the admission of persons to the Fort (the light is inside the Fort) after dark. The matter is receiving attention, and the Government will be addressed on the matter in due course should the local Military authorities be unable to relax the order.

Tellicherry.

1. One or two complaints have been made by Commanders of vessels entering this port after dark regarding the difficulty of distinguishing the port-light from house-lights in the near vicinity of the tower on which the apparatus is placed. I enquired into the matter on the spot, and proposals to remedy this defect have been submitted for the consideration of Government.

2. Quarters for the lightkeepers have already been sanctioned and the work will be shortly taken in hand.

3. I attended a special meeting of the local Chamber of Commerce which had been convened for the purpose of discussing certain matters connected with the port. With the exception of a little dredging at Koduvalli there is little needed at present at this port, but I think that many matters connected with landing and shipping of cargo and boat traffic would be better looked after if the port conservancy arrangements

were supervised by a Port officer, than they are at present. The three ports of Badagara, Tellicherry and Cannanore are so closely allied that a Port officer with authority over all the three ports would be able to deal with many matters which have now to be left until either the Port officer, Calicut, or the Presidency Port Officer can arrange to visit the ports. The Chamber of Commerce were also of this opinion, and the only objection they had to the appointment of a Port officer was in regard to the extra fees they would have to pay on Sundays and holidays. This matter will form the subject of a separate letter.

Calicut.

1. The lighthouse column inside was not as clean as it should be and some small repairs are needed; the fencing of the enclosure was also out of repair. The Port officer was directed to see to these matters without delay.

2. The quarters for the light-keepers, estimate for which was called for in G.O., Marine, No. 143, dated 3rd May 1893, had not yet been taken in hand pending acquisition of ground required for the purpose.

3. The iron-work of the pier was in fair order, but the platform is much worn. The Secretary of the Pier Company informed me verbally that the Company would be glad to have the pier worked again by the Port authorities, in order, I suspect, to avoid having to undertake the heavy repairs which will be necessary before very long. The structure is but little used owing to its position, as the greater portion of the landing and shipping business is transacted about a mile further to the southward on the beach facing the anchorage of the native coasting craft.

4. The distance of the Port office from this part of the beach renders it impossible for the Port officer to exercise supervision over the boat traffic, and a boat overseer is an actual necessity if the boat traffic is to be properly looked after.

5. The Agent of the British India Steam Navigation Company interviewed me regarding the extension of the northern limit of the port to include a village called Varical, off which, at certain seasons of the year, smoother water is frequently obtained than at Calicut. Should the Collector see no objection to the extension, landing and shipping arrangements would be facilitated, but the principal difficulty in the way of extension would be that of exercising Customs supervision.

6. New buoys are required for the roadstead to take the place of those now in use which are nearly worn out. The matter is receiving attention.

7. I visited the mouth of the Kallai river in view of ascertaining what could be done to keep it open. It seems, however, that the Collector of the district had already taken action in the matter, and that a charge on timber passing out of the river is made and credited to Provincial funds. The Port officer informed me that he had not been consulted by the Collector regarding the measures to be taken to keep open the mouth of the river, though it is within port limits.

Beypore.

1. A cook-house is required and the matter is receiving attention, as the existing arrangement, which is made of bamboos and leaves, is a source of danger to the adjoining buildings.

2. The new anchorage buoy lately obtained from Bombay was in position.

3. Until Coondapoor has been provided with the light apparatus formerly in use at Hope Island, no light apparatus will be available for Beypore.

4. The signaller performs the duties of Port Conservator under the authority of the Port officer, Calicut. As the signaller's authority is, I understand, often questioned by the tindals of coasting craft entering the port, I think it would be advantageous to designate him "Assistant Port Conservator", for, with the exception of levying the port dues, he performs all the duties of an out-port conservator. No increase of pay would be necessary should his designation be changed. This matter has since been placed before the Government.

5. As native vessels frequently require pilotage assistance when entering or leaving the port and employ unlicensed men, I have directed the Port officer to report on the matter, in view of introducing the system obtaining at Mangalore in regard to pilots.

Cochin.

1. I have already addressed the Government respecting the light-house establishment at this port: *vide* this office letter, No. 482—76-G, dated 9th March 1894.

2. B. Groyne was in need of repairs, and measures towards that end have been taken.

3. Considerable erosion of foreshore on the Vipeen side has taken place, but no immediate action appears necessary.

4. The Cruz Milagre bund appeared to be in a sound condition.

5. The boat-hard requires fencing in, and the work has been taken in hand.

6. The roof of the Port office is in need of repair, and the Public Works Department has been addressed on the subject.

7. A bungalow for the Port officer is much needed, as it is a no easy matter to obtain decent house-accommodation in a suitable site. If the present Port office could be made into a dwelling-house, sufficient accommodation exists in a godown in the Marine yard for a Port office.

Muttum Lighthouse.

1. The excellent state in which I found everything connected with the light on Muttum Point reflects much credit on Mr. Chatterton, the then superintendent, who has lately retired.

2. The land belonging to the lighthouse should be demarcated, and the matter is now receiving attention.

Manapad Light.

1. The light apparatus, which is exhibited from a tower on Manapad Point, was in good order, but the quarters of the Superintendent and the light-keepers were in need of repair; the matter has since received attention.

2. Now that a daily service of steamers between Colombo and Tuticorin has been instituted it will be necessary to place a more powerful light on Manapad Point, as there are many outlying dangers, and vessels proceeding to Tuticorin from Colombo frequently meet with a current which occasionally brings them near to such dangers to navigation. The present light answers the purposes of coasting vessels fairly well, and it was exhibited solely for the convenience of such vessels. The matter is receiving attention, and the Government will be addressed on the matter in due course.

Tuticorin.

1. The light apparatus which is placed on the light-house on Hare Island was in a slightly defective condition when I inspected it, as the lower lens had fallen out. This has since been replaced, and measures taken to prevent the recurrence of such accidents in future.

2. The necessity of having a new pier was very apparent, for the existing structure is in a very shaky condition and quite unequal to the demands of the trade.

Pamban.

1. I noticed a great improvement in all matters connected with the Port officer's duties at this port since my last inspection. The office books, accounts, &c., were up to date and kept in accordance with the system in vogue at the Madras office.

The lighthouse column, buildings and apparatus were clean and in good order. In fact I was extremely well pleased with all I saw at this port, and much credit is due to Mr. Johnson, the Port officer, for the efficient state of everything I inspected.

2. The Executive Engineer, Madura District, who had accompanied me to the port, visited the lighthouse with me, and I pointed out to him the alterations that would be necessary to enable a better class of lantern to be placed on the top of the column.

3. I also inspected the site proposed for the new bungalow for the Port officer, and consider it has been well selected.

4. A small pier is required for the convenience of passengers, on each side of the island, at the usual landing place. These piers could be put up probably at a small cost, and the Port officer was directed to submit a sketch of what he considers would answer the purpose.

5. The light at Tondi is frequently inspected by the Pamban Port officer. I was unable to visit the light, but have no doubt that it is in an efficient state.

Negapatam.

1. At the time of my inspection nothing whatever had been done by the Public Works Department local representative in respect to carrying out the works sanctioned by G.O., No. 288, Marine, dated 14th August 1893, so I immediately communicated by wire with the Superintending Engineer, V Circle, on the subject, for the state of the jetty wall demanded early attention, and the delay that had taken place in obtaining sanction to the repairs had already added to its inefficient state and was likely to cause the original estimate to be exceeded.

2. The state of the river was as bad as ever, and landing and shipping arrangements could be only carried on at a disadvantage. The question of supplying the port with a dredger had not been settled and the Landing and Shipping Dues Committee deprecated the delay that was taking place in settling the matter.

3. The lighthouse was in order and the apparatus efficient.

I was unable to visit the light at Point Calimere, but as it is frequently inspected by the Port officer of Negapatam I have every reason for presuming that it is in an efficient state.

Cuddalore.

1. The state of the backwater showed no particular change for the better, in spite of the dredging which has been carried on. In fact, no great or lasting improvement is possible except at an enormous cost. Messrs. Parry and Company have begun to recognise this fact, I was glad to observe, for they have lately constructed boats of a type suitable for the existing conditions of bar and backwater.

2. The dredger is utilized in keeping open a channel for boats in the vicinity of the landing place, but the expense of working it is a constant drain on the port and adds to its charges. Owing to the Conservator's want of dredging experience he is quite unable to supervise the working of the dredger with any good results, and much has to be left to the driver in charge. This arrangement is decidedly unsatisfactory, but I see no way towards improving it at present.

3. On examining the books in the Conservator's office, I found that it had not been the practice to levy port dues on a vessel "*entering*" the port, but at some time before she sailed, so the Collector was communicated with on the subject and this improper practice rectified.

4. The necessity of fencing in the flagstaff and light-keepers' buildings is more apparent on each occasion of my visiting the site. The huts of the fishermen, which are constructed of inflammable materials, are situated so close to the light-keepers' quarters and the flagstaff that, should a fire occur, it would be difficult to save either flagstaff or buildings, especially as the oil required for the use of the light has to be kept in a store-room near to the flagstaff. I would therefore beg that the proposals put forward in my letter, No. 1414 G.—105, dated 29th March 1893, may be again reconsidered.

Masulipatam.

1. The platform for the light apparatus, which is exhibited from the flagstaff, requires renewing. In fact, it seemed to me to be in a very dangerous state. The Port officer was directed to communicate with the Executive Engineer of the district on the subject without delay. The apparatus was in need of a few small repairs, which can be effected locally. The attention of the Port officer was directed to the state of the reflector and lever, which required more careful handling.

2. The unhealthiness of the Fort and its surroundings as a site for the Port officer's bungalow was verbally brought to my notice. The place has certainly no prepossessing points as a place for a residence, for a more dreary hole—Point Divi excepted—I have seldom, if ever, seen. Unless the medical authorities are able to state positively that the Fort (landing place and surroundings) is really unhealthy, I told the Port officer that nothing could be done in the matter of fixing on another site for a house.

3. Some dredging is required in the river in the vicinity of the quay, and this matter will receive attention.

Point Divi Lighthouse.

1. The apparatus was in good order, but a few slight repairs to the lighthouse column are requisite, and measures have been taken to effect these.

2. A cook-house is required and also a washing place for the keepers. The Port officer was directed to have plans and estimates prepared.

3. The open tank should be emptied and cleaned, and this will be undertaken in due course.

4. The column is unsuitable for the larger description of apparatus required at this place, and a new column will have to be built on a site closer to the sea, should the Government sanction a new apparatus. This matter will form the subject of a separate communication.

5. Difficulty in obtaining intelligent men for the post of lightkeepers at Point Divi is a very old complaint, and considering the dreariness of the situation and the difficulty of obtaining supplies it is not to be wondered at.

Cocanada.

1. The extension of the northern groyne has not yet been commenced, as arrangements have to be made regarding the supply of stone required with the Railway authorities.

2. The bar, as usual, is a source of difficulty to boats passing in and out of the river, and the channel which was dredged by the *Wenlock* has now silted up again. The two small dredgers belonging to the port were at work in the channel, and were removing between them about 700 tons of silt per diem. The rush of water down the river which occurred during the rains has to some extent cleared away the obstruction of hard sand which was overlapping the northern arm.

3. Low jetties along the bank, to facilitate the shipping of goods brought down by the railway, will soon be necessary, I think, and also sheds for the protection of seed and other descriptions of bag cargo. This matter is, I am told, receiving the attention of the Port Conservancy Board, but there is an idea, I believe, that the construction of sheds should be left to the Railway authorities.

4. The work of preparing the old lighthouse for the apparatus which is to be transferred to it from Calingapatam has not yet been commenced.

5. The lighthouse and buildings should be fenced in to prevent any of the space required in connection with lighthouse purposes being taken up by the Railway authorities.

6. The outdoor supervision which Mr. Wicks, the Port officer, has to exercise, adds considerably to his ordinary duties; for, in addition to the care of the lighthouses at Hope Island and Vakalapudi, he supervises the dredging work of the port and is in charge of the groynes. In all matters the attention displayed by the Port officer was apparent, and I was much pleased with the manner in which he carries out the various duties of his appointment.

Hope Island Lighthouse.

1. Everything connected with this light was in good order except the inside of the column which is in need of repair. The estimate for the work has been sanctioned, and I was informed that the repairs would be soon taken in hand.

2. The cook-house and a spare room set apart for the boatmen belonging to the establishment have thatched roofs. As the material used is inflammable, I directed the Port Officer to submit proposals for a different kind of roofing. A latrine for the use of the establishment is needed, and directions were given respecting its construction.

3. The loneliness and general dreariness of the situation make it difficult to obtain intelligent men for the post of light-keeper. The difficulty of obtaining food is also a grievance with the establishment generally.

Vakalapudi Lighthouse.

Everything at this place connected with the light was in excellent order. It certainly stands next to Muttum in point of cleanliness and good order and I was very much pleased with everything I saw.

Vizagapatam.

1. The landing place is much in need of repairs, and the Port Officer was directed to take the work in hand without delay.

2. The reclamation of the foreshore between the points shown on the accompanying plan should be taken in hand as soon as funds for the purpose can be made available.

3. Sheds for the reception of bag cargo brought down by the railway for shipment are necessary, and the Port officer was directed to call the attention of the Landing and Shipping Dues Committee to the subject.

4. I accompanied Mr. Brereton, the Engineer-in-Chief of the East Coast Railway, over the harbour line, and he pointed out to me the direction of the same. He proposes to block up the channel which bends to the northward on the right-hand side of the pontoon bridge, in view of causing the ebb tide to take a different direction. I could see no objection to this arrangement, and think that it will have a good effect.

Bimlipatam.

1. I inspected the life-saving rocket apparatus, and found the various articles connected therewith in good order. Practice with the apparatus was carried out in my presence, but was not very successful as the line carried away.

2. The port arrangements generally were in a satisfactory state and reflect much credit on Mr. Minto, the Port officer, who apparently performs his duties with tact and judgment.

Santopilly.

1. The apparatus was in an efficient state, and no complaint respecting the visibility of the light has reached me.

2. A few details required rectifying and the attention of the superintendent was called to the same.

3. The new quarters required for the light-keepers had not been commenced. The old huts, though kept clean, are fast becoming uninhabitable, being infested with white-ants.

Calingapatam.

1. The light apparatus was in good order, but the keepers' quarters were still under repair.

2. Nothing had been done in regard to the construction of the temporary light column.

3. The general port arrangements were satisfactory.

4. The Conservator informed me that the local Salt Department officer had frequently cut a channel through the foreshore within port limits without reference to him. The Revenue Board has been communicated with on the subject.

Gopalpur.

1. A few repairs are required to the flagstaff platform on which the light apparatus rests, and the attention of the Executive Engineer was called to the same.

2. A permanent wall is needed in the vicinity of the light-keepers' quarters in lieu of the present unsightly fence of stakes and leaves.

3. The spare stores and those belonging to the light apparatus and life-saving rocket apparatus were not stowed as neatly and systematically as I could wish, and the attention of the Port officer was called to these particulars.

4. The pier presented its usual unused appearance, much of the planking seemed rotten, and many of the tie-rods have been broken off by the sea.

5. Practice with the life-saving rocket apparatus took place in my presence and was efficiently carried out.

Armeghon Lighthouse.

Apparatus in excellent order; a few repairs are required to the column and light-keepers' dwellings. The superintendent seems to take an interest in his work and to exercise proper control over his establishment. Stores and store-room in a satisfactory state.

Pulicat Lighthouse.

1. Apparatus clean and in good order. The column and other buildings, except the superintendent's cook-house, were clean and in a good state of repair; a cook-house is required for the light-keepers and this matter will be placed before Government in due course.

2. It is advisable that the ground appertaining to the lighthouse should be enclosed and this proposal will form the subject of a separate letter. I was not very well pleased with the store-room, which requires re-arranging; this matter has been attended to.

Seven Pagodas Lighthouse.

I was unable personally to visit this lighthouse and deputed my personal assistant to make the necessary inspection. From his report the apparatus is in excellent order, and everything connected with it in a very satisfactory condition. The superintendent is reported to take great interest in his work.

Madras Lighthouse.

The existing apparatus is in fair working order, but before it can be utilized for any other port new burners will be required.

Madras Port Office.

With the acquiescence of the Chairman, Harbour Trust Board, an inspection of the office of the Deputy Conservator of the Port has been undertaken in view of ascertaining whether the accounts and other books of his office are being kept in accordance with the system now in vogue.

In conclusion, I would observe that the inspection of certain ports and lights is rendered difficult by their respective isolated positions. On the next occasion, I submit that the Pearl Fishery Steamer *Margarita* should be placed at the disposal of the officer making the inspection.

ORDER—dated 12th May 1894, No. 173, Marine.

The Presidency Port Officer submits his report on the annual inspection of ports and lighthouses of the Presidency. The disposal of this has been delayed for want of the plan showing the required reclamation work at Vizagapatam. It was received on the 28th April only.

2. The use of the word "outport" should be discontinued—*vide* paragraph 11 of G.O., dated 5th March 1890, No. 85.

3. *Mangalore.*—The Presidency Port Officer will explain why the light-keepers should not be required to live in the quarters provided for them.

4. *Calicut.*—The appointment of a boat overseer on Rs. (20) twenty a month is sanctioned. The proposition statement with G.O., dated 20th June 1893, No. 200, will be transferred to the Financial Department.

A copy of paragraph 7 will be furnished to the Revenue Department.

5. *Cochin.*—Paragraph 7 will be communicated to the Public Works Department.

6. *Negapatam.*—A copy of paragraph 1 will be furnished to the Public Works Department with reference to G.O., dated 4th August 1893, No. 2014 W., in which the estimates were sanctioned for "immediate execution."

With reference to paragraph 2 it is observed that the question of supplying the port with a dredger is at present under reference to the Landing and Shipping Dues Committee—*vide* G.O., dated 22nd January 1894, No. 31.

7. *Cuddalore.*—In view of the further representation made by the Presidency Port Officer, the Government is pleased to reconsider its orders in G.O., dated 8th May 1893, No. 151. Copy of that Government Order will now be communicated to the Revenue Department with the request that the Collector may be directed to submit a draft notification for the acquisition of the required property.

8. *Vizagapatam.*—A full report on the subject of paragraph 2 should be submitted. The plan will accordingly be returned to the Presidency Port Officer for re-submission with a separate communication.

9. *Madras Port Office.*—A communication regarding the *Margarita* should be submitted when the proper time arrives.

10. The report is satisfactory.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Presidency Port Officer.
" Collectors of Maritime Districts.
" Revenue Department.
" Public Works Department.
" Financial Department.
" Accountant-General.

Exd. A. Raitt.

Govt. of {1894} Madras.

MARINE.

Issued 10 S.C

Recd. Gen. 3796/54 Encl.

G.O., 12th May 1894, No. 173.

MAY.

Inspection of Ports and Lighthouses.

Passing orders on the Presidency Port Officer's report on the annual — of the Presidency.

No. 1343 W. dy 30th May 1894

Communicated to officers concerned for information

2. With reference to para 5 of the order in the Marine Dept: it is observed that the S.E. IV Circle has already been called upon to submit an estimate for constructing quarters for the Port Officer at Cochin. The S.E. will report on the proposal to convert the present Port office into a dwelling for the Port officer

3. Adverting to para 6 the S.E. V Circle will report what progress has been made in the execution of the works sanctioned in G.O. No. 2014 W. dy 4 August 1893

(Sd:) J. P.
W.

P.W. Memo: Fr. 1885 C. dy 9.5.94

S.Es. (except III)
C.A. to Govt.