Public Works (1898) Department.

G.O., No. 1124.W

DATED 5 May 1898

[Despatch Abstract.]

Port and Marine Dundo. Prov: Marine Dept
approval with remarks the revised Budget
estimates of receipts & charges of the — Prov
Marine Dept for 1897-98 and 1898-99 respectively
and forwarding them to the Dominion Dept —
for sanction & communication to the Auditor Gal,
Recorded

P.
5.5.98

[P. W. 25.
1,000—2-3-98]

Indexed. 615

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

P. W. Current No: 3590

Ry 13 by w d/22-5-97
190 Rev d/3-3-97

Government {1898} of Madras.

MARINE.

Recd. 25. 4. } 1898. *Enclosures*

Regd. 25. 4. } *Spare copies*

G.O., No. 243, 31st March 1898.

B/No 1124 W 25.5.98

MARCH. Recorded

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P.K.S

B/

Port and Marine Funds

Approving, with remarks, the revised estimates for 1897–98 and the budget estimates for 1898–99 of receipts and charges of the — of the Madras Presidency, and forwarding them to the Financial Department for sanction and communication to the Accountant-General.

O.C. 875 R4/5

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—the following paper:—

Budget estimate of Revenue and expenditure from Port and Marine Funds in the Madras Presidency for the year 1898-99.

Order—No. 243, Marine, dated 31st March 1898.

With his endorsement No. 66 G., dated 14th February 1898, the Presidency Port officer submits the revised estimates for 1897-98 and the budget estimates for 1898-99 of receipts and charges of the Port and Marine Funds of the Madras Presidency, prepared in the revised forms approved by Government, which follow as closely as possible the forms prescribed for the civil budget.

Port Funds, Act X of 1889.

2. The opening balance on the 1st April 1898 is estimated at Rs. * 6,41,566 (exclusive of loan transactions) as against Rs. 6,13,674 on the 1st April 1897.

	Rs.
* Cash	1,56,566
Government securities	4,85,000

3. The budget estimate of receipts for 1897-98 was fixed at Rs. 4,09,363. The revised estimate has been raised to Rs. 4,19,076 as a result of the enhancement of port dues on foreign vessels in the Eastern group, ordered in G.O., No. 351, Marine, dated 12th April 1897. The budget estimate for 1898-99 has been fixed at Rupees 4,14,390, or Rs. 4,686 less than the revised estimate for 1897-98. The decrease is due to pier dues, hitherto included in Port funds, being now exhibited separately.

4. The budget estimate of charges for 1897-98 was fixed at Rs. 5,01,703—*vide* detailed account H., and not Rs. 5,01,732 (Rs. 4,62,952 + Rs. 38,750) as shown by the Presidency Port officer in the general abstract. The revised estimate has been raised to † Rs. 5,34,869, the excess being due to a larger contribution to the Harbour Trust Board from the funds of the Port of Madras. The budget estimate for 1898-99 has been framed for Rs. 7,40,432. This high estimate is due to a large provision for lighthouse and other port works, for the execution of which on a settled programme special arrangements are being elaborated. The works are shown in detail in statement G. The sanctioned programme does not provide for the execution during 1898-99 of the following works for which provision has been made in the Presidency Port officer's budget estimate. They have accordingly been eliminated from the budget estimate as passed by Government—

	Rs.
† Charges	4,47,952
Adjustments	86,917

(*a*) Construction of a new wharf at Porto Novo.
(*b*) Kullai bar improvements.
(*c*) Boat jetty at Coondapoor.
(*d*) Pier and improvements to the foreshore at Malpe.
(*e*) Extension of quay wall at Hangarkotta.

5. On the other hand funds have been provided for the following works not brought forward by the Presidency Port officer, but included in the sanctioned programme:—

(*a*) Dredger and improvements to bar at Cocanada.
(*b*) A close shed for goods at Tuticorin.
(*c*) Open shed for goods at Tuticorin.
(*d*) Fencing foreshore at Tuticorin.

6. The allotments proposed by the Presidency Port officer for the undermentioned works have been modified to correspond with the amounts provided in the programme:—

	Amount proposed by the Presidency Port officer.	Amount provided.
	Rs.	Rs.
(*a*) Port officer's residence at Negapatam	5,000	10,000
(*b*) Permanent groynes at Negapatam	5,000	15,000
(*c*) Port officer's residence at Tuticorin	5,000	10,000
(*d*) Passenger shed and platform along the railway siding at Tuticorin	2,700	900

7. A sum of Rs. 6,000 has been entered for the purchase of Mr. Minchin's house at Gopalpur as a residence for the Port officer. The purchase should be effected at once on the terms already agreed upon.

8. No provision has been made for the lightkeepers' quarters at Point Calimere, funds to the full extent of the sanctioned estimate having been allotted in the current official year.

9. The budget estimate for 1898-99 as framed by the Presidency Port officer provides for the transfer, to the Harbour Trust Board, of a sum of Rs. 90,102, being the surplus balance of the Madras port. The amount will be required to cover expenditure in 1899-1900 on lighthouse works at Madras, Pulicat, Seven Pagodas and Armeghon. No contribution to the Habour Trust Board can thus be made in 1898-99. The amount has been included in the closing cash balance.

10. The closing balance on the 31st March 1898 is estimated at Rs. * 3,34,024 (cash Rs. 50,024 + Government securities Rs. 2,84,000.)

* Includes the surplus balance of Rs. 18,500 under Pilotage funds to be transferred to Port funds.

Pilotage Funds, Act X of 1889.

11. The budget estimate of receipts for 1897-98 was fixed at Rs. † 62,300. A corresponding amount has been set down as the revised estimate. The budget estimate for 1898-99 has been framed for Rs. 54,500, the decrease being due to a fall in the receipts at Pamban and Keelakarai, no explanation of which has been afforded.

† Receipts of the Madras Port rounded.

12. The budget estimate of charges for 1897-98 amounted to Rs. 42,800. The revised estimate has been increased to Rs. 43,800, the difference being due to increased expenditure in the Port of Madras. The budget estimate for 1898-99 has been fixed at Rs. 46,700, the increase being in the ports of Madras, Pamban and Keelakarai.

13. The closing cash balance on the 31st March 1899 has been estimated at Rs. 7,800. The Port of Madras is expected to work to a deficit of Rs. 3,000 which will have to be met from Port funds.

Landing and Shipping Dues, Act III of 1885.

14. The budget estimate of receipts for 1897-98 was fixed at Rs. 74,000. This amount has been repeated as the revised estimate for 1897-98. The budget estimate for 1898-99 has been set down as Rs. 74,500. The excess over the revised estimate is only Rs. 500 and does not call for special remark.

15. The budget estimate of charges for 1897-98 was prepared for Rs. 99,000. This amount has been adopted as the revised estimate also. The budget estimate for 1898-99 has been fixed at Rs. 92,600, the difference being due to an enhanced provision for the groynes at Cocanada.

16. The closing balance on the 31st March 1899 is estimated at Rs. 69,792. The ports of Cocanada and Masulipatam will close with a deficit of Rs. 4,294 and Rs. 2,124, respectively.

Pier Tolls, Acts V of 1863 and VII of 1871.

17. Pier tolls have hitherto been included in the accounts of Port funds. They are now exhibited separately. The budget estimate of receipts and charges for 1898–99 have been fixed at Rs. 20,000 and Rs. 6,150, respectively, leaving a balance of Rs. 13,350 at the close of the year. The port of Calicut will, however, have a deficit of Rs. 1,200 after meeting expenditure on improvements to the pier.

General.

18. Complete detailed statements of charges under Pilotage funds, and landing and shipping dues, have not been furnished. The causes of variation between the budget and revised estimates are thus not apparent. The Presidency Port officer is requested to exhibit in future details in the same form as that adopted for Port funds.

19. With the above remarks, the estimates are approved and forwarded to the Financial Department for sanction and communication to the Accountant-General.

(True Extract.)

Under Secretary to Government.

To the Presidency Port Officer.
" Chairman, Harbour Trust Board.
" Financial Department.
" Public Works Department.

Exd. Shaik Karim.

Government of Madras.

MARINE DEPARTMENT.

BUDGET ESTIMATE

OF

REVENUE AND EXPENDITURE

FROM

PORT AND MARINE FUNDS

IN THE

MADRAS PRESIDENCY

FOR THE YEAR

1898-99.

No. 66 G.

To the Secretary to Government, Marine Department.

Madras,
14th February 1898.

(Signed) H. D. BADDELEY,
for Presidency Port Officer.

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General Abstract of Receipts and Expenditure.

Receipts.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.	Expenditure.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.
PORT FUNDS—ACT X OF 1889.	RS.	RS.	RS.	RS.	PORT FUNDS—ACT X OF 1889.	RS.	RS.	RS.	RS.
Madras.					*Madras.*				
Receipts	1,24,517	1,18,539	1,18,539	1,28,752	Charges	76,655	78,437	80,903	76,941
Repayment of loan by Eastern group	..	..	..	2,00,400	Contribution to Harbour Trust Board	..	82,617	38,751	2,44,688
Surplus transferred from Pilotage Funds	..	50,000	45,150	213	Do. to Madras Pilotage Fund	..	4,300	..	..
Opening balance * { Cash	90,102	86,917	38,751	79,181					
Opening balance * { Government securities.	..	..	..	..	Closing balance—				
					Cash *	1,37,964	90,102	82,786	86,917
Total	2,14,619	2,55,456	2,02,440	4,08,546	Total	2,14,619	2,55,456	2,02,440	4,08,546
Eastern Group.					*Eastern Group.*				
Receipts	1,85,820	1,95,772	1,86,059	1,93,884	Charges	4,73,401	1,56,462	1,63,962	1,61,107
Contribution from Provincial	..	..	..	1,00,000	Repayment of loan to Madras port	..	..	..	2,00,400
Value of dredger "Wenlock"	..	..	..	1,00,400	Contribution to Pilotage Funds	..	..	..	..
Surplus transferred from Pilotage Funds	18,000	15,743	41,356	..					
Opening balance * { Cash	99,735	44,682	33,572	11,905	Closing balance * { Cash	31,154	99,735	97,025	44,682
Opening balance * { Government securities.	2,01,000	2,01,000	2,01,000	2,01,000	{ Government securities	..	2,01,000	2,01,000	2,01,000
Total	5,04,555	4,57,197	4,61,987	6,07,189	Total	5,04,555	4,57,197	4,61,987	6,07,189
Western Group.					*Western Group.*				
Receipts	1,01,053	1,04,765	1,04,765	94,613	Charges	1,90,376	2,13,053	2,18,087	1,01,177
Surplus transferred from Pilotage Funds	500	14,917	15,740	..	Contribution to Pilotage Funds	..	..	29	..
Opening balance † { Cash	— 33,271	60,100	56,351	66,664					
Opening balance † { Government securities.	2,84,000	2,84,000	2,84,000	2,84,000	Closing balance † { Cash	— 1,19,094	— 33,271	— 41,260	60,100
					{ Government securities	2,84,000	2,84,000	2,84,000	2,84,000
Total	3,55,282	4,63,782	4,60,856	4,45,277	Total	3,55,282	4,63,782	4,60,856	4,45,277
Total.					*Total.*				
Receipts	4,14,390	4,19,076	4,09,363	4,17,249	Charges	7,40,432	4,47,952	4,62,952	3,39,225
Adjustments	18,500	80,660	1,02,246	4,01,013	Adjustments	..	86,917	38,780	4,45,088
Opening balance { Cash	1,56,566	1,91,699	1,28,674	1,57,750	Closing balance { Cash	50,024	1,56,566	1,38,551	1,91,699
Opening balance { Government securities	4,85,000	4,85,000	4,85,000	4,85,000	{ Government securities	2,84,000	4,85,000	4,85,000	4,85,000
Grand Total, Port Funds—Act X of 1889	10,74,456	11,76,435	11,25,283	14,61,012	Grand Total, Port Funds—Act X of 1889	10,74,456	11,76,435	11,25,283	14,61,012

* Excluding loan transactions.

† Exeluding loan of Rs. 16,500 to Landing and Shipping Dues, Cocanada.

General Abstract of Receipts and Expenditure—*cont.*

Receipts.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.	Expenditure.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.
PILOTAGE FUNDS—ACT X OF 1889.	RS.	RS.	RS.	RS.	PILOTAGE FUNDS—ACT X OF 1889.	RS.	RS.	RS.	RS.
Madras.					*Madras.*				
Receipts	38,000	39,000	39,000	34,217	Charges	41,000	39,000	38,000	36,454
Contribution from Port Funds to cover deficit.	..	4,300	..	..	Surplus transferred to Port Funds	..	50,000	45,150	213
Opening balance { Cash	..	— 4,300	— 5,850	— 1,850	Closing balance { Cash	— 3,000	..	..	— 4,300
Opening balance { Government securities	..	50,000	50,000	50,000	{ Government securities	..	..	..	50,000
Total	38,000	89,000	83,150	82,367	Total	38,000	89,000	83,150	82,367
Eastern Group.					*Eastern Group.*				
Pamban and Keelakarai.					Pamban and Keelakarai.				
Receipts	13,000	20,000	20,000	13,097	Charges	3,000	2,000	2,000	2,710
Contribution from Port Funds to cover deficit.	..	..	..	..	Surplus transferred to Port Funds	18,000	15,743	41,356	..
Opening balance—					Closing balance—				
Cash	18,000	15,743	23,356	5,356	Cash	10,000	18,000	..	15,743
Total	31,000	35,743	43,356	18,453	Total	31,000	35,743	43,356	18,453
Western Group.					*Western Group.*				
(i) Cochin.					(i) Cochin.				
Receipts	3,000	3,000	3,000	2,220	Charges	2,200	2,500	2,500	2,029
Contribution from Port Funds to cover deficit.	..	..	..	..	Surplus transferred to Port Funds	500	14,931	15,740	..
Opening balance { Cash	500	2,931	3,240	2,740	Closing balance { Cash	800	500	..	2,931
Opening balance { Government securities	..	12,000	12,000	12,000	{ Government securities	..	..	..	12,000
Total	3,500	17,931	18,240	16,960	Total	3,500	17,931	18,240	16,960
(ii) Mangalore.					(ii) Mangalore.				
Receipts	500	300	300	435	Charges	500	300	300	421
Contributions from Port Funds to cover deficits.	..	14	29	..	Surplus transferred to Port Funds	..	..	..	..
Opening balance—					Closing balance—				
Cash	..	— 14	— 29	— 28	Cash	..	..	..	— 14
Total	500	300	300	407	Total	500	300	300	407
Total.					*Total.*				
Receipts	54,500	62,300	62,300	49,969	Charges	46,700	43,300	42,300	41,614
Adjustments (contributions from Port Funds to cover deficits)	..	4,314	29	..	Adjustments (surplus transferred to Port Funds)	18,500	80,674	1,02,246	213
Opening balance { Cash	18,500	14,360	20,717	6,218	Closing balance { Cash	7,800	18,500	..	14,360
Opening balance { Government securities	..	62,000	62,000	62,000	{ Government securities	..	..	..	62,000
Grand Total, Pilotage Funds—Act X of 1889	73,000	1,42,974	1,45,046	1,18,187	Total	73,000	1,42,974	1,45,046	1,18,187

General Abstract of Receipts and Expenditure—*cont.*

Receipts.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.	Expenditure.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.
LANDING AND SHIPPING DUES—ACT III OF 1885.	RS.	RS.	RS.	RS.	LANDING AND SHIPPING DUES—ACT III OF 1885.	RS.	RS.	RS.	RS.
Vizagapatam.					*Vizagapatam.*				
Receipts	11,000	11,000	11,000	10,571	Charges	13,300†	1,000	1,000	20,787
Opening balance	26,216	16,216	16,432	26,432	Closing balance	23,916	26,216	26,432	16,216
Total ..	37,216	27,216	27,432	37,003	Total ..	37,216	27,216	27,432	37,003
Cocanada.					*Cocanada.*				
Receipts	40,000	40,000	40,000	40,676	Charges	24,000	80,000	80,000	68,669
Opening balance •	— 20,294	19,706	28,699	47,699	Closing balance •	— 4,294	— 20,294	— 11,301	19,706
Total ..	19,706	59,706	68,699	88,375	Total ..	19,706	59,706	68,699	88,375
Masulipatam.					*Masulipatam.*				
Receipts	2,500	3,000	3,000	2,020	Charges	14,300†	2,000	2,000	2,707
Opening balance { Cash	4,676	3,676	5,362	4,363	Closing balance { Cash	— 2,124	4,676	6,362	3,676
Opening balance { Government securities ..	5,000	5,000	5,000	5,000	Closing balance { Government securities ..	..	5,000	5,000	5,000
Total ..	12,176	11,676	13,362	11,383	Total ..	12,176	11,676	13,362	11,383
Negapatam.					*Negapatam.*				
Receipts	11,000	11,000	11,000	12,275	Charges	9,000†	15,000	15,000	23,561
Opening balance	32,403	36,403	30,690	47,689	Closing balance	34,403	32,403	26,690	36,403
Total ..	43,403	47,403	41,690	59,964	Total ..	43,403	47,403	41,690	59,964
Mangalore.					*Mangalore.*				
Receipts	10,000	9,000	9,000	14,634	Charges	32,000†	1,000	1,000	726
Opening balance	39,891	31,891	25,983	17,983	Closing balance	17,891	39,891	33,983	31,891
Total ..	49,891	40,891	34,983	32,617	Total ..	49,891	40,891	34,983	32,617
Total.					*Total.*				
Receipts	74,500	74,000	74,000	80,176	Charges	92,600	99,000	99,000	1,16,450
Opening balance { Cash	82,892	1,07,892	1,07,166	1,41,166	Closing balance { Cash	69,792	82,892	82,166	1,07,892
Opening balance { Government securities ..	5,000	5,000	5,000	5,000	Closing balance { Government securities ..	..	5,000	5,000	5,000
Grand Total, Landing and Shipping Dues—Act III of 1885 ..	1,62,392	1,86,892	1,86,166	2,29,342	Grand Total, Landing and Shipping Dues—Act III of 1885 ..	1,62,392	1,86,892	1,86,166	2,29,342

• Excluding loan of Rs. 16,500 from the Western group Port Funds (Malabar). † Includes Public Works charges specified in detailed account G.

General Abstract of Receipts and Expenditure—*cont.*

Receipts.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.	Expenditure.	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.
PIER TOLLS—ACTS V OF 1863 AND VII OF 1871.	RS.	RS.	RS.	RS.	PIER TOLLS—ACTS V OF 1863 AND VII OF 1871.	RS.	RS.	RS.	RS.
Gopalpur.					*Gopalpur.*				
Receipts	..	..	..	..	Charges	50	..	..	..
Opening balance	..	..	..	..	Closing balance	— 50	..	..	..
Total ..	..	..	..	..	Total ..	— 50	..	..	..
Tuticorin.					*Tuticorin.*				
Receipts	17,000	..	..	..	Charges	1,900	..	..	..
Opening balance	..	..	..	..	Closing balance	15,100	..	..	..
Total ..	17,000	..	..	..	Total ..	17,000	..	..	..
Calicut.					*Calicut.*				
Receipts	3,000	..	..	..	Charges	• 4,200	..	..	..
Opening balance	..	..	..	..	Closing balance	— 1,200	..	..	..
Total ..	3,000	..	..	..	Total ..	3,000	..	..	..
Total.					*Total.*				
Receipts	20,000	..	..	..	Charges	6,150	..	..	..
Opening balance	..	..	..	..	Closing balance	13,850	..	..	..
Grand Total, Pier Tolls—Acts V of 1863 and VII of 1871	20,000	..	..	..	Grand Total, Pier Tolls—Acts V of 1863 and VII of 1871	20,000	..	..	..

• Includes Public Works charges specified in detailed account G.

PORT FUNDS, ACT X OF 1889.

RECEIPTS.

—	Detailed Account No.	Budget Estimate, 1898-99.	Revised Estimate, 1897-98.	Budget Estimate, 1897-98.	Accounts, 1896-97.
		Rs.	Rs.	Rs.	Rs.
Coasting Steamers' dues	A	1,95,500	2,01,309	2,01,309	1,81,639
Other Vessels' dues	B	1,63,900	1,53,017	1,43,304	1,50,002
General Administration receipts	C	100	234	234	..
Miscellaneous receipts	D	14,000	24,500	24,500	32,361
Public Works receipts	E	540	540	540	540
Fees	F	25,800	24,926	24,926	25,987
Interest on Government securities	G	14,550	14,550	14,550	16,933
Contribution	H	..	..	..	2,00,400
Total ..		4,14,390	4,19,076	4,09,363	6,17,862
Add or *deduct* for rounding ..		— 390	— 76	— 363	..
Tota ..		4,14,000	4,19,000	4,09,000	6,17,862

Detailed Account A.—COASTING STEAMERS' DUES.

—	Budget Estimate, 1898-99.	Revised Estimate, 1897-98.	Budget Estimate, 1897-98.	Accounts, 1896-97.
	Rs.	Rs.	Rs.	Rs.
Madras	34,500	40,000	40,000	33,195
Eastern Group	98,000	97,813	97,813	98,691
Western ,, ...	63,000	63,496	63,496	49,753
Total ..	1,95,500	2,01,309	2,01,309	1,81,639

Detailed Account B.—OTHER VESSELS' DUES.

	Rs.	Rs.	Rs.	Rs.
Madras	82,500	72,000	72,000	87,386
Eastern Group	55,900	54,800	45,087	45,411
Western ,, ...	25,500	26,217	26,217	27,205
Total ..	1,63,900	1,53,017	1,43,304	1,60,002

Detailed Account C.—GENERAL ADMINISTRATION RECEIPTS.

	Rs.	Rs.	Rs.	Rs.
Madras one-sixth for 1898-99	17	39	39	..
Eastern Group, one-half for 1898-99	50	117	117	..
Western Group, one-third, for 1898-99	33	78	78	..
Total ..	100	234	234	..

Detailed Account D.—MISCELLANEOUS RECEIPTS.

	Rs.	Rs.	Rs.	Rs.
Madras	3,000	3,000	3,000	3,564
Eastern Group	10,000	20,700	20,700	27,235
Western ,, ...	1,000	800	800	1,562
Total ..	14,000	24,500	24,500	32,361

Detailed Account E.—PUBLIC WORKS RECEIPTS.

	Rs.	Rs.	Rs.	Rs.
Madras	..	..	..	..
Eastern Group	540	540	540	540
Western ,, ...	..	..	..	..
Total ..	540	540	540	540

Explanatory Remarks.

Increase in the Budget Estimate for 1898-99 due to enhanced rate of Port Dues on foreign vessels in the Eastern Group sanctioned in G.O., No. 351, Marine, dated 12th April 1897.

Pier dues of Tuticorin in the Eastern Group hitherto shown under Port Funds have been shown separately as Pier Tolls (*vide* General Abstract of Receipts and Expenditure) in the Budget Estimate for 1898-99.

Rent of Marine Villa at Cocanada.

Detailed Account F.—FEES.

—	Budget Estimate, 1898-99.	Revised Estimate, 1897-98.	Budget Estimate, 1897-98.	Accounts, 1896-97.
	Rs.	Rs.	Rs.	Rs.
Madras	4,500	3,500	3,500	4,820
Eastern Group	15,300	15,772	15,772	14,989
Western ,, ...	6,000	5,654	5,654	6,178
Total ..	25,800	24,926	24,926	25,987

Detailed Account G.—INTEREST ON GOVERNMENT SECURITIES.

	Rs.	Rs.	Rs.	Rs.
Madras	..	..	..	..
Eastern Group	6,030	6,030	6,030	7,018
Western ,, ...	8,520	8,520	8,520	9,915
Total ..	14,550	14,550	14,550	16,933

Detailed Account H.—CONTRIBUTION.

	Rs.	Rs.	Rs.	Rs.
Madras	..	..	..	..
Eastern Group	..	..	..	..
Western ,, ...	..	..	..	2,00,400
Total ..	..	..	..	2,00,400

Detailed Account I.—TOTAL RECEIPTS.

	Rs.	Rs.	Rs.	Rs.
Madras	1,24,517	1,18,539	1,18,539	1,28,965
Eastern Group	1,85,820	1,95,772	1,86,059	3,94,284
Western ,, ...	1,04,053	1,04,765	1,04,765	94,613
Total ..	4,14,390	4,190,76	4,09,363	6,178,62
Add or *deduct* for rounding ..	— 390	— 76	— 363	..
Total ..	4,14,000	4,19,000	4,09,000	6,178,62

(Signed) H. D. BADDELEY,
for Presidency Port Officer.

EXPENDITURE.

Port Funds, Act X of 1889.

—	Detailed Account No.	Budget Estimate, 1898-99.	Revised Estimate, 1897-98.	Budget Estimate, 1897-98.	Accounts, 1896-97.
		Rs.	Rs.	Rs.	Rs.
General Administration	A	79,000	1,01,000	1,16,000	93,567
Establishment	B	1,07,832	1,12,815	1,12,815	91,511
Personal allowance	C	6,120	7,140	7,140	4,797
Fees	D	9,100	9,115	9,115	9,212
Miscellaneous charges	E	72,409	1,19,618	75,751	2,88,074
Lighthouse charges	F	39,187	48,500	48,500	45,112
Public Works Charges .. Lighthouse works ..	G	2,61,985	..	..	..
Public Works Charges .. Works other than light-houses	G	1,64,799	1,32,382	1,32,382	51,640
Total ..		7,40,432	5,30,570	5,01,703	5,83,913
Add or *deduct* for rounding ..		— 432	430	297	..
Total ..		7,40,000	5,31,000	5,02,000	5,83,913

Explanatory Remarks.

—	Madras.	Eastern Group.	Western Group.	Total.
	Rs.	Rs.	Rs.	Rs.
Fees levied under Acts	1,600	4,500	2,100	8,200
Overtime fees to Port officers and Conservators	1,300	8,900	3,400	13,600
Do. to Establishment	1,600	1,900	500	4,000
Total ..	4,500	15,300	6,000	25,800

	Rs.
From Provincial	1,00,000
Sale of Dredger *Wenlock*	1,00,400
Total ..	2,00,400

To meet deficits of Ganjám, Kistna and Tanjore on the 31st March 1896, outstanding as loan to Madras.

The large increase in the Budget Estimate for 1898-99 is due to Public Works charges specified in detailed account G.

Detailed Account A.—General Administration.

	Number. 1897-98.	Number. 1898-99.		Budget Estimate, 1898-99.		Revised Estimate, 1897-98.		Budget Estimate, 1897-98.		Accounts, 1896-97.	
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Salaries ..	3	3	Port officers	24,564	24,564	25,260	25,260	25,260	25,260	20,555	20,555
Establishment.	36	28	Clerks and servants ..	11,208		12,228		12,228		11,144	
	1	..	Lighthouse Mechanic ..	..		..		1,200		..	
	27	..	Dredger *Wenlock* establishment	..		11,136		11,136		8,642	
			Lump sum made for Mr. Ashpitel's establishment in connection with lighthouse works	..		..		15,000		1,000	
Allowance.			Travelling allowance of officers and establishment	7,000	11,208	5,000	23,364	3,000	39,564	2,682	20,786
			Travelling allowance of Lighthouse Mechanic.	..		..		500		..	
Contingencies.			Rents, rate and taxes ..	460	7,000	460	5,000	460	3,500	460	2,682
			Repairs to the Port office building ..	3,000		3,000		3,000		..	
			Stationery and printing.	1,600		1,600		1,600		1,552	
			Books and periodicals ..	600		600		600		560	
			Telephone charges ..	163		163		163		163	
			Postage charges (ordinary)	500							
			Service telegrams ..	600							
			Hot and cold weather charges	175							
			Clothing for servants ..	..							
			Country articles costing Rs. 50 and more ..	400							
			Country articles costing less than Rs. 50 ..	400		3,000		3,000		1,870	
			Petty repairs to furniture	250							
			Peons' belts and badges.	50							
			Binding charges ..	150							
			Lamp-oil and candles ..	25							
			Freight and boat charges	300							
			Rattan mats and sun shades	150							
			Dredger *Wenlock* contingencies	..		12,000		12,000		17,427	
					8,823		20,823		20,823		22,032
			Total ..		51,595		74,447		89,147		66,055
			Leave allowance of Port officers		5,000		5,000		5,000		6,371
			Pensions and gratuities.		22,000		22,000		22,000		21,141
			Total ..		78,595		1,01,447		1,16,147		93,567
			Add or *deduct* for rounding		405		— 447		— 147		..
			Grand Total ..		79,000		1,01,000		1,16,000		93,567
			Distribution.								
			Madras, one-sixth ..		13,167		16,834		19,300		16,566
			Eastern Group, one-half		39,500		50,500		58,000		50,921
			Western Group, one-third		26,333		33,666		38,700		26,080

Explanatory Remarks.

The actuals for 1896–97 were arrived at by distribution according to tonnage under the former orders of Government.

Detailed Account B.—PORT OFFICERS, CONSERVATORS AND THEIR ESTABLISHMENTS.

	Number. 1897-98.	Number. 1898-99.		Budget Estimate, 1898-99.		Revised Estimate, 1897-98.		Budget Estimate, 1897-98.		Accounts, 1896-97.	
			MADRAS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Salaries ..	1	1	Deputy Port Conservator	11,880	11,880	10,456	10,456	10,456	10,456	8,953	8,953
Establishment.	70	71	Clerks and servants ..	16,008	16,008	15,662	15,662	15,662	15,662	15,804	15,804
			Office Contingencies.								
Contingencies.			Postage charges (ordinary)	50							
			Service telegrams ..	100							
			Printing charges ..	100							
			Binding charges ..	40							
			Conveyance of stores ..	100							
			Hot weather charges ..	100							
			Office furniture ..	150							
			Rents, rates and taxes.	789							
			Belts and badges ..	50		3,066		3,066		3,034	
			Telephone charges ..	596							
			Books and periodicals..	100							
			Petty contingent charges	275							
			Country articles costing more than Rs. 50 ..	150							
			Country articles costing less than Rs. 50 ..	100							
					2,700		3,066		3,066		3,034
			Total ..		30,588		29,184		29,184		27,791
			EASTERN GROUP.								
Salaries ..	11	11	Port Officers and Conservators	25,740	25,740	26,580	26,580	26,580	26,580	25,231	25,231
Establishment.	90	86	Clerks and servants ..	12,360	12,360	13,494	13,494	13,494	13,494	13,363	13,363
Allowance.			Travelling allowance to officers and servants.	3,000		..		..		..	
			Office Contingencies.								
Contingencies.			Postage charges (ordinary)	500							
			Service telegrams ..	750							
			Printing charges ..	500							
			Binding charges ..	500							
			Conveyance of stores ..	750							
			Hot weather charges ..	500							
			Office furniture ..	500							
			Rents, rates and taxes.	300							
			Belts and badges ..	200		9,000		9,000		•	
			Telephone charges ..	200							
			Books and periodicals..	100							
			Petty contingent charges	500							
			Country articles costing more than Rs. 50 ..	500							
			Country articles costing less than Rs. 50 ..	500							
					9,300		9,000		9,000		
			Total ..		47,400		49,074		49,074		38,594

EXPLANATORY REMARKS.

• Actuals for contingencies for 1896-97 are included and shown under miscellaneous charges as orders for the distribution of contingent charges under the several heads entered in the estimate were received subsequent to the closing of the accounts for that year.

Detailed Account B.—PORT OFFICERS, CONSERVATORS AND THEIR ESTABLISHMENTS—*cont.*

	Number. 1897-98.	Number. 1898-99.		Budget Estimate, 1898-99.		Revised Estimate, 1897-98.		Budget Estimate, 1897-98.		Accounts, 1896-97.	
			Western Group.								
Salaries ..	5	6	Port Officers and Conservators	18,360		24,252		24,252		17,260	
					18,360		24,252		24,252		17,260
Establishment.	62	63	Clerks and servants ..	7,884		7,905		7,905		7,866	
					7,884		7,905		7,905		7,866
Allowance.			Travelling allowance to officers and servants	1,200							
			Office Contingencies.								
Contingencies.			Postage charges (ordinary)	250							
			Service telegrams ..	300							
			Printing charges ..	150							
			Binding charges ..	100							
			Conveyance of stores ..	200							
			Hot weather charges ..	200							
			Office furniture ..	250		2,400		2,400		*	
			Rents, rates and taxes.	100							
			Belts and badges ..	250							
			Telephone charges ..	..							
			Books and periodicals..	100							
			Petty contingent charges	200							
			Country articles costing more than Rs. 50 ..	150							
			Country articles costing less than Rs. 50 ..	150							
					3,600		2,400		2,400		..
			Total ..		29,844		34,557		34,557		25,126
			Grand Total of Port Officers, Conservators and their establishments. Madras.		30,588		29,184		29,184		27,790
			Eastern group.		47,400		49,074		49,074		38,595
			Western group.		29,844		34,557		34,557		25,126
			Total ..		1,07,832		1,12,815		1,12,815		91,511

Detailed Account C.—PERSONAL ALLOWANCE TO PORT OFFICERS AND CONSERVATORS.

	Budget Estimate, 1898-99.	Revised Estimate, 1897-98.	Budget Estimate, 1897-98.	Accounts, 1896-97.
Madras	..	..	..	* 167
Eastern group	(*a*) 4,440	4,980	4,980	2,869
Western group	(*b*) 1,680	2,160	2,160	1,761
Total ..	6,120	7,140	7,140	4,797

Explanatory Remarks.

* Actuals for contingencies for 1896-97 are included and shown under miscellaneous charges as orders for the distribution of contingent charges under the several heads entered in the estimate were received subsequent to the closing of the accounts for that year.

* Personal allowance paid to the Personal Assistant to the Presidency Port Officer while he acted as Deputy Conservator.

		Rs.	
(*a*)	Port Officer, Negapatam	160	
	Do. Tuticorin	75	
	Do. Cocanada	65	
	Do Gopalpur	45	
	Port Conservator, Calingapatam	25	
	Total ..	370	× 12 = 4,440
(*b*)	Port Officer, Cochin	50	
	Do. Calicut	90	
	Total ..	140	× 12 = 1,680

Detailed Account D.—FEES.

	Budget Estimate, 1898-99.	Revised Estimate, 1897-98.	Budget Estimate, 1897-98.	Accounts, 1896-97.
	Rs.	Rs.	Rs.	Rs.
Madras	800	524	524	898
Eastern Group	6,100	6,426	6,426	6,065
Western Group	2,200	2,165	2,165	2,249
Total ..	9,100	9,115	9,115	9,212

Detailed Account E.—MISCELLANEOUS CHARGES.

	Budget Estimate, 1898-99.		Revised Estimate, 1897-98.		Budget Estimate, 1897-98.		Accounts, 1896-97.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras.								
Boat and catamaran hire	500		500		500		560	
Port boat charges	250		200		200		308	
Buoys	3,000		3,000		3,000		5,875	
Moorings	6,000		6,000		6,000		2,276	
Salvage charges	150		100		100		38	
Stores	3,500		3,800		3,800		2,422	
Leading and entrance lights	600		600		600		1,308	
Repairs and petties	2,000		2,000		2,000		1,517	
Moiety of Marine Police establishment ..	5,500		5,500		5,500		5,300	
Contribution to Harbour Trust Board and to Madras Pilotage Fund	..		86,917		38,751		2,44,688	
		21,500		1,08,617		60,451		2,64,292
Total ..	..	21,500	..	1,08,617	..	60,451	..	2,64,292
Eastern Group.								
Boat and catamaran hire	400							
Port boat charges	400							
Buoys and moorings	1,000							
Crane charges	6,000						16,564	
Pier charges	..							
Steam launch charges	500							
Salvage charges	300							
Stores	5,000							
Commission on port dues	500							
		14,100	11,700		11,700			16,564
Dredger Charges.								
Initial cost of dredger	28,000							
Repairs to do.	1,500							
Crew of do.	1,344							
Overtime to crew	..						614	
Provision for crew	..							
Coal and firewood	200							
Hired labour	75							
Stores and contingencies	300							
		31,419		11,700		11,700		614
Total ..	..	45,519	..	11,700	..	11,700	..	17,178
Western Group.								
Boat and catamaran hire	150							
Port boat charges	200							
Buoys and moorings	*1,250							
Crane charges	106							
Pier charges	..							
Steam launch charges	..		3,600		3,600		6,604	
Salvage charges	150							
Stores	2,500							
Commission on port dues	350							
Charges connected with plague precautions at Cochin	690							
		5,390		3,600		3,600		6,604
Total ..	..	5,390	..	3,600	..	3,600	..	6,604
Grand Total .. Madras	..	21,500	..	1,04,318	..	60,451	..	2,64,292
Eastern Group	..	45,519	..	11,700	..	11,700	..	17,178
Western Group	..	5,390	..	3,600	..	3,600	..	6,604
Total ..	..	72,409	..	1,19,618	..	75,751	..	2,88,074

* Includes Rs. 1,050 for the supply of a buoy to mark the Coote Reef at Calicut.

Explanatory Remarks.

	Madras.	Eastern Group.	Western Group.	Total.
	Rs.	Rs.	Rs.	Rs.
Overtime fees to Port Officers and Conservators	..	4,200	1,700	5,900
Do. to establishment	800	1,900	500	3,200
Total ..	800	6,100	2,200	9,100

The contribution to Harbour Trust Board for 1898-99 shown in the General Abstract of Receipts and Expenditure (*vide* page 4).

Pier charges shown under "Pier Tolls" in the Budget Estimate for 1898-99. The actuals for 1896-97 of the Eastern Group include office contingencies (see page 17).

Provision has been made in the Budget Estimate for 1898-99 of the Eastern Group for the following :—

	Rs.
One 15-ton crane for Tuticorin	5,700
A dredger for Tuticorin	28,000
A new boiler for dredger at Cuddalore	1,000

The actuals for 1896-97 include office contingencies (*vide* remarks in page 29).

The figures against Madras in the column of actuals for 1896-97, Budget Estimate for 1897-98 and the Revised Estimate for 1897-98 include contribution to Harbour Trust Board.

Detailed Account F.—LIGHTHOUSE CHARGES.

	Number. 1897-98.	Number. 1898-99.		Budget Estimate, 1898-99.		Revised Estimate, 1897-98.		Budget Estimate 1897-98.		Accounts, 1896-97.		Explanatory Remarks.
			MADRAS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Salaries ..	..	4	Head lightkeepers ..	3,720	3,720							In the Budget Estimate for 1898-99 are included charges of Madras, Armeghon, Pulicat and Seven Pagodas lighthouses.
Establishment.	..	16	Lightkeepers and servants	2,892	2,892							
Contingencies.			Share of charges on account of Inspecting staff	643	643							
			Office Contingencies.									
			Postage charges (ordinary)	30		9,195		9,195		9,866		The actuals for 1896-97 represent share of lighthouse charges of the Eastern Group.
			Service telegrams ..	15								
			Petty contingencies ..	500								
			Miscellaneous charges.									
			Cost of apparatus ..	..								
			Repairs to apparatus ..	..								
			Oil	1,650								
			Stores	900								
			Other charges ..	..								
Public Works charges.			By Civil officers ..	..								
			By Public Works officers	..	3,095		9,195		9,195		9,866	
			Total ..	..	10,350	..	9,195	..	9,195	..	9,866	
			EASTERN GROUP.									
Salaries ..	..	5	Head lightkeepers ..	4,320	4,320							
Establishment.	..	59	Lightkeepers and servants	8,208	8,208							
Contingencies.			Share of charges on account of Inspecting staff	1,930	1,930							
			Office Contingencies.									
			Postage charges (ordinary)	200		29,805		29,805		30,327		
			Service telegrams ..	100								
			Petty contingencies ..	1,500								
			Miscellaneous charges.									
			Cost of apparatus ..	..								
			Repairs to apparatus ..	..								
			Oil	4,000								
			Stores	3,000								
			Other charges ..	200								
Public Works charges.			By Civil officers ..	..								
			By Public Works officers	..	9,000		29,805		29,805		30,327	
			Total ..	..	23,458	..	29,805	..	29,805	..	30,327	
			WESTERN GROUP.									
Salaries ..			Head lightkeepers ..	..	..							
Establishment.	..	19	Lightkeepers and servants	2,112	2,112	1,896		1,896				
Contingencies.			Share of charges on account of Inspecting staff	1,287	1,287		1,896		1,896			
			Office Contingencies.									
			Postage charges (ordinary)	50		3,563		3,563		4,919		
			Service telegrams ..	30								
			Petty contingencies ..	300								
			Miscellaneous charges.									
			Cost of apparatus ..	..								
			Repairs to apparatus ..	..								
			Oil	750								
			Stores	750								
			Other charges ..	100								
Public Works charges.			By Civil officers ..	..								
			By Public Works officers	..	1,980	4,041	7,604	4,041	7,604		4,919	
			Total ..	..	5,379	..	9,500	..	9,500	..	4,919	
Grand Total.			Madras ..		10,350		9,195		9,195		9,866	
			Eastern Group.		23,458		29,805		29,805		30,327	
			Western Group.		5,379		9,500		9,500		4,919	
			Total ..	..								

Detailed Account G.—PUBLIC WORKS CHARGES.

—	Budget estimate, 1898-99.	Revised estimate, 1897-98.	Budget estimate, 1897-98.	Accounts, 1896-97.	Explanatory Remarks.
	Rs.	Rs.	Rs.	Rs.	
Lighthouse Works.					
Madras.					
In charge of Civil officers	..	..	..	..	
Do. Public Works officers	250	..	..	..	
Total ..	250	..	..	..	
Eastern Group.					
In charge of Civil officers	1,300	..	..	..	
Do. Public Works officers	1,64,533	..	..	..	
Total ..	1,65,833	..	..	..	
Western Group.					
In charge of Civil officers	70	..	..	..	
Do. Public Works officers	95,832	..	..	..	
Total ..	95,902	..	..	..	
Grand Total, Lighthouse Works ..	2,61,985	..	..	..	
Public Works other than Lighthouse Works.					
Madras.					
In charge of Civil officers	..	..	..	..	
Do. Public Works officers	..	1,000	1,000	2,049	The amount shown in the column of Budget for 1897-98 was included in the sum of Rs. 64,517 sanctioned for contingencies and miscellaneous—G.O., No. 190, Marine, dated 3rd March 1897.
Total ..	..	1,000	1,000	2,049	
Eastern Group.					
In charge of Civil officers	2,395	1,225	1,225	} 15,153	
Do. Public Works officers	1,38,756	2,752	2,752		
Total ..	1,41,151	3,977	3,977	15,153	
Western Group.					
In charge of Civil officers	1,275	552	552	} 34,438	
Do. Public Works officers	22,373	1,26,853	1,26,853		
Total ..	23,648	1,27,405	1,27,405	34,438	
Grand Total, Public Works other than Lighthouse Works	1,64,799	1,32,382	1,32,382	51,640	

DETAILS of the Budget Estimate of Public Works charges of Port and Marine Funds of the Madras Presidency for the year 1898–99.

Funds.	Executive division.	Locality.	Item No.	Projects and works.	Amount of estimate.	Outlay. Actual to end of 1896–97.	Outlay. Probable during 1897–98.	Grant, 1898–99. Amount.	Grant, 1898–99. Total.	Item No.	Remarks and references.
				LIGHTHOUSE PUBLIC WORKS CHARGES.	RS.	RS.	RS.	RS.	RS.		
				Original Works.							
				Eastern Group.							
Port Funds	Lighthouse ..	False Point Devi.	1	Lighthouse at False Point Devi	1,13,240	..	30,000	83,000		1	
	Do. ..	Masulipatam ..	2	Do. at Masulipatam	..	..	..	4,000		2	
	Do. ..	Manapad ..	3	Do. at Manapad	46,250	..	8,500	41,000		3	By the Public Works Department.
	Do. ..	Muttum ..	4	Quarters for lightkeepers	..	..	..	10,000		4	
	Do. ..	....	5	Preliminary expenses	..	..	..	500		5	
				Public Works Department percentage charges.	..	..	..	..	1,38,500 22,173		
	Ganjám ..	Calingapatam ..	6	Casuarina plantation for protecting lighthouse from approach of sand.	1,000	..	..	1,000	1,000	6	By the Port Department.
									1,61,673		
				Western Group.							
	Light house ..	Kaph Rock, Mulki	7	Lighthouse at Kaph Rock, Mulki	68,600	..	..	68,000		7	
	Do. ..	Kundapur ..	8	Quarters for lightkeepers	..	..	..	2,000		8	
	Do. ..	Malpe ..	9	Do. do.	..	..	..	3,000		9	
	Do. ..	Mangalore ..	10	Do. do.	..	..	..	6,000		10	By the Public Works Department.
	Do. ..	Hangarkota ..	11	Do. do.	..	..	..	2,000		11	
	Do. ..	....	12	Preliminary expenses	..	..	..	500		12	
				Public Works Department percentage charges.	..	..	..	..	81,500 14,332		
									95,832		
				Repairs.							
				Madras.							
	Chingleput ..	Seven Pagodas.	13	Repairs to lighthouse and quarters inclusive of percentage.	..	..	..	250	250	13	By the Public Works Department.
				Eastern Group.					250		
	Ganjám ..	Gopalpur ..	14	Repairs to lightkeepers' shed	..	..	..	50		14	Estimate for 1897–98 .. RS. 100
	Negapatam ..	Negapatam ..	15	Repairs to lighthouse	..	..	..	800		15	Do. do. .. 1,500
		Point Calimere.		Do. do.	..	..	..	750			
	Tinnevelly ..	Hare Island ..	16	Repairs to lighthouse	..	..	..	200		16	Do. do. .. 200
		Manapad ..	17	Do. do.	..	..	..	400		17	Do. do. .. 400
		Muttum ..	18	Do. do.	..	..	..	900		18	Do. do. .. 900
				Public Works Department percentage charges.	..	..	..	..	3,100 760		

By the P.W.D.

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Details of the Budget Estimate of Public Works charges of Port and Marine Funds of the Madras Presidency for the year 1898–99—*cont.*

Funds.	Executive division.	Locality.	Item No.	Projects and works.	Amount of estimate.	Outlay. Actual to end of 1896–97.	Outlay. Probable during 1897–98.	Grant, 1898–99. Amount.	Grant, 1898–99. Total.	Item No.	Remarks and references.
				LIGHTHOUSE PUBLIC WORKS CHARGES—*cont.*	RS.	RS.	RS.	RS.	RS.		
				Repairs—cont.							
				Eastern Group—*cont.*							
Port Funds.	Ganjám ..	Calingapatam ..	19	Repairs to lighthouse and buildings ..	..	..	..	150		19	Estimate for 1897–98. RS. 150
	Madura ..	Pámban ..	20	Painting lighthouse	..	..	..	150		20	Do. do. 150
									300		
									4,160		
				Western Group.							
	West Coast ..	Calicut ..	21	Repairs to the lightkeepers' watch room and the one attached to the lighthouse column.	..	..	..	20		21	Estimate for 1897–98, by the Port Department 20
		Cochin ..	22	Petty annual repairs to lighthouse buildings.	..	..	..	50		22	By the Port Department.
									70		
				Total, Lighthouse Public Works Charges ..					70		
									2,61,985		
				PORT FUNDS PUBLIC WORKS CHARGES (OTHER THAN LIGHTHOUSES).							
				Original Works.							
				Eastern Group.							
	Ganjám ..	Gopalpur ..	1	Residence for the Port officer	6,000	..	..	6,000		1	
	Gódávari Eastern.	Cocanada ..	2	Dredger and improvements to bar	2,00,000	..	..	50,000		2	
	Vizagapatam ..	Vizagapatam ..	3	Port officer's residence at Vizagapatam ..	10,500	..	..	9,300		3	
	Negapatam ..	Negapatam ..	4	Port officer's residence at Negapatam ..	13,900	..	..	10,000		4	
	Do. ..	Do. ..	5	Improvements to Port office	1,000	..	..	1,000		5	
	Do. ..	Do. ..	6	Permanent groynes in lieu of temporary one now in existence.	15,000	..	..	15,000		6	
	Tinnevelly ..	Tuticorin ..	7	Port officer's residence at Tuticorin	13,930	..	..	10,000		7	
	Do. ..	Do. ..	8	One-third share of cost for erection of passenger shed and platform alongside the railway siding.	2,700	..	..	* 900		8	By the Public Works Department.
	Do. ..	Do. ..	9	A close shed for goods	10,000	..	..	† 3,000		9	
	Do. ..	Do. ..	10	Open shed for goods	7,000	..	..	* 2,300		10	
	Do. ..	Do. ..	11	Fencing foreshore	2,000	..	..	† 1,000		11	
	Do. ..	Do. ..	12	Reserve with the Public Works Department.	..	..	..	2,000		12	
				Public Works Department percentage charges on Rs. 1,10,500.	..	..	..	..	1,10,500 27,073		
									1,37,573		

* One-third share chargeable to Port Funds. † Half share chargeable to Port Funds.

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Details of the Budget Estimate of Public Works charges of Port and Marine Funds of the Madras Presidency for the year 1898-99—*cont.*

Funds.	Executive division.	Locality.	Item No.	Projects and works.	Amount of estimate.	Outlay. Actual to end of 1896-97.	Outlay. Probable during 1897-98.	Grant, 1898-99. Amount.	Grant, 1898-99. Total.	Item No.	Remarks and references.
				PORT FUNDS PUBLIC WORKS CHARGES (OTHER THAN LIGHTHOUSES)—*cont.*							
				Original Works—cont.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Western Group.							
Port Fund	West Coast ..	Cochin ..	13	Constructing a combined Port office and Port officer's residence.	30,700	..	..	15,000		13	
	....	Do. ..	14	Fencing in boat-yard							
	....	Ponnáni ..	15	Joining two existing groynes	970	..	..	970		14	
			16	Reserve with the Public Works Department.	1,000	..	..	1,000		15	By the Public Works Department.
				Public Works Department percentage charges on Rs. 17,970	..	..	..	1,000	17,970	16	
					..	..	..	..	4,403		
				Repairs.							
				Eastern Group.							
	Negapatam ..	Negapatam ..	16	Repairs to Port office	..	..	..	800	22,373	17	Estimate for 1897-98 Rs. 500 by the Public Works Department.
			17	Repairs to Boat Overseer's office room in the jetty.	..	..	..	150		18	By the Public Works Department.
				Public Works Department percentage charges on Rs. 950.	..	..	..	233			
	Ganjám ..	Gopalpur ..	18	Repairs to flagstaff	..	..	..	20	1,183	19	Estimate for 1897-98.
			19	Do. to boundary pillars	..	..	..	20		20	Do. do. .. 20
			20	Do. to port boat	..	..	..	20		21	Do. do. .. 20
			21	Do. to Sonapur port marks	..	..	..	20		22	
			22	Do. to Ganjám boundary pillars ..	..	..	..	10		23	
		Barwa ..	23	Repairs to flagstaff	..	..	..	10		24	Do. do. .. 20
			24	Do. to port marks	..	..	..	50		25	
		Calingapatam ..	25	Repairs to flagstaff and signal shed ..	..	..	..	40		26	Do. do. .. 40
			26	Do. to port boat	..	..	..	10		27	Do. do. .. 15
			27	Do. to northern boundary pillars ..	..	..	..	5		28	Do. do. .. 5
			28	Do. to Pundi flagstaff and obelisk ..	..	..	..	70		29	
	Vizagapatam ..	Bimlipatam ..	29	Do. to Bavanapadu obelisk	..	..	..	50		30	Do. do. .. 40
		Vizagapatam ..	30	Repairs to Port office	..	..	..	50		31	
			31	Whitewashing and repairing boundary pillars.	..	..	..	40		32	
			32	Whitewashing and repairing flag godown ..	..	..	..	50		33	Do. do. .. 200
			33	Do. do. the base of flagstaff.	..	..	..	100		34	
	South Arcot ..	Porto Novo ..	34	Repairs to signallers' shed							
			35	Do. to jetty	..	..	..	50		35	Do. do. .. 50
			36	Clearing silt at or near the jetty in the Vellar river.	..	..	..	500		36	
	Madura ..	Pámban ..	37	Repairing the grapnels	..	..	..	800		37	
			38	Do. the buoys	..	..	..	30		38	Do. do. .. 30
			39	Do. and whitewashing beacons ..	..	..	..	25		39	Do. do. .. 75
			40	Do. store rooms and office	..	..	..	100		40	Do. do. .. 120
			41	Do. boat and canal	..	..	..	25		41	Do. do. .. 50
			42	Do. flagstaff	..	..	..	50		42	Do. do. .. 30
								250		43	Do. do. .. 250
									2,395		
									3,578		

Details of the Budget Estimate of Public Works charges of Port and Marine Funds of the Madras Presidency for the year 1898-99—*cont.*

Funds.	Executive division.	Locality.	Item No.	Projects and works.	Amount of estimate.	Outlay. Actual to end of 1896-97.	Outlay. Probable during 1897-98.	Grant, 1898-99. Amount.	Grant, 1898-99. Total.	Item No.	Remarks and references.
				PORT FUNDS PUBLIC WORKS CHARGES (OTHER THAN LIGHTHOUSES)—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.		
				Repairs.							
				Western Group.							
Port Funds.	West Coast ..	Beypore ..	44	Repairs to Port office	..	..	..	30		44	Estimate for 1897-98 .. Rs. 30
		Cochin ..	45	Petty annual repairs to port buildings ..	..	..	..	50		45	
			46	Whitewashing and repairing the boat bunder.	..	..	..	45		46	
		Ponnáni ..	47	Quarters for the flagstaff signallers ..	..	..	..	250		47	
			48	Repairing flagstaff and boundary pillars ..	..	..	..	25		48	Do. .. 22
		Mangalore ..	49	Annual maintenance of quay, harbour and boundary pillars.	..	..	..	600		49	Do. .. 500
		Hangarkota ..	50	Repairs to existing quay wall	..	..	..	25		50	
		Kundapur ..	51	Do. to groyne	..	..	..	250		51	
									1,275		
				Total, Public Works Charges other than Lighthouse Works.	..	..	..	..	1,64,799		
				LANDING AND SHIPPING DUES ACT III OF 1885.							
				Original Works.							
Landing and Shipping Dues.	Vizagapatam ..	Vizagapatam ..	1	Improvements to foreshore	10,000	..	..	10,000		1	
	Kistna Eastern.	Masulipatam ..	2	Do. to bar and river	25,000	..	..	10,000		2	
	Negapatam ..	Negapatam ..	3	Improvements to jetty	10,000	..	..	2,800		3	
	South Canara ..	Mangalore ..	4	Reclamation of foreshore	50,000	..	..	25,000		4	
				Public Works Department percentage charges on Rs. 47,800.	..	..	..	..	47,800		By the Public Works Department.
									11,711		
									59,511		
				PIER.							
				Original Works.							
Pier Account.	West Coast ..	Calicut ..	1	Repairs to present pier	7,360	..	5,000	2,360		1	
				Public works Department percentage charges on Rs. 2,360.	..	..	..	..	2,360		By the Public Works Department.
									578		
									2,938		

Abstract of Detailed Account G.

—		Port Funds.					
		Light-houses.	Works other than light-houses.	Pilotage Funds.	Landing and Shipping Dues.	Pier.	Total.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
By Civil officers.	Original works ..	1,000	..	..	..	..	1,000
	Repairs ..	370	3,670	..	..	..	4,040
	Total ..	1,370	3,670	..	..	..	5,040
By Public Works Department	Original works ..	2,56,505	1,59,946	..	59,511	2,938	4,78,900
	Repairs ..	4,110	1,183	..	..	..	5,293
	Total ..	2,60,615	1,61,129	..	59,511	2,938	4,84,193
	Grand Total ..	2,61,985	1,64,799	..	59,511	2,938	4,89,233

Detailed Account H.—TOTAL CHARGES.

—	Budget Estimate, 1898-99.	Revised Estimate, 1897-98.	Budget Estimate, 1897-98.	Accounts, 1896-97.
	Rs.	Rs.	Rs.	Rs.
Madras	76,655	1,65,354	1,19,654	3,21,629
Eastern Group	4,73,401	1,56,462	1,63,962	1,61,107
Western Group	1,90,376	2,13,053	2,18,087	1,01,177
Total ..	7,40,432	5,34,869	5,01,703	5,83,913
Add or *deduct* for rounding ..	— 432	+ 131	+ 297	..
Total ..	7,40,000	5,35,000	5,02,000	5,83,913

Remarks and References.
The figures in the columns of Accounts for 1896-97, Budget Estimate for 1897-98 and in the Revised Estimate for 1898-99 against Madras include contribution to Harbour Trust Board and Madras Pilotage Funds.

APPENDIX A.

Detail of the Budget Estimate for Establishment.

Number.	Particulars.	Salary of office.	Estimate for 1898–99. Per mensem.	Per annum.	Total.	Estimate for 1897–98.	Remarks.
	ADMINISTRATIVE OFFICERS.	Rs.	Rs.		Rs.	Rs.	
1	Presidency Port Officer, pay as Commander, Royal Indian Marine, 1st grade.	500					
..	Staff salary as Presidency Port Officer.	870					
			1,370				
1	Personal Assistant to the Presidency Port Officer.	200					
1	Reserve Port officer	250					
			450				
..	Exchange compensation allowance on (Rs. 1,820).	..	182				
..	Personal allowance .. .	..	45				
3	Total, Administrative officers ..	..	2,047	24,564	..	25,260	Personal Assistant to the Presidency Port Officer.
	EXECUTIVE OFFICERS.						
	Eastern Group.						
1	Port officer	350	350				
1	Do.	300	300				
2	Port officers	215	430				Cocanada. Negapatam.
3	Do.	200	600				Vizagapatam and Masulipatam.
1	Port officer	170	170				Bimlipatam, Pámban
..	Exchange compensation allowance on (Rs. 1,850).	..	185				and Tuticorin. Gopalpur.
		..	2,035	24,420	..	..	
1	Port Conservator	50	50				
2	Port Conservators	30	60				
		..	110	1,320	..	..	Calingapatam. Cuddalore and Porto Novo.
..	Personal allowance to Port officer ..	160	160				
..	Do. do. ..	75	75				Negapatam.
..	Do. do. ..	65	65				Tuticorin.
..	Do. do. ..	45	45				Cocanada.
..	Do. to Port Conservator.	25	25				Gopalpur.
		..	370	4,440	..	..	Calingapatam.
11	Total, Eastern Group ..	..	..	30,180	..	31,560	
	Western Group.						
3	Port officers	350	1,050				
1	Port officer	250	250				Cochin, Calicut and
..	Exchange compensation allowance on (Rs. 1,300).	..	130				Tellicherry. Mangalore.
		..	1,430	17,160	..	..	
2	Port Conservators	50	100				
		..	100	1,200	..	..	Cannanore and Beypore.
..	Personal allowance to Port officer ..	90	90				
..	Do. do. ..	50	50				Calicut. Cochin.
6	Total, Western Group ..	..	140	1,680	..	..	
	Madras.	..	..	20,040	..	26,412	
1	Deputy Port Conservator, pay as Commander, Royal Indian Marine, 2nd grade	400					
..	Staff allowance as Deputy Conservator.	500					
			900				
..	Exchange compensation allowance ..	..	90				
1	Total, Madras ..	..	990	11,880	..	10,456	
18	Total, Executive officers ..	..	..	..	62,100	68,428	

Detail of the Budget Estimate for Establishment—*cont.*

Number.	Particulars.	Salary of office.	Estimate for 1898–99. Per mensem.	Per annum.	Total.	Estimate for 1897–98.	Remarks.
	ESTABLISHMENT.	Rs.	Rs.	Rs.	Rs.	Rs.	
	Administrative Office.						
	Office of the Presidency Port Officer.						
1	Manager	200	200				
1	Chief Accountant	150	150				
2	Clerks	75	150				
2	Do.	50	100				
1	Clerk	40	40				
3	Clerks	35	105				
1	Clerk	21	21				
2	Clerks	20	40				
1	Copyist	15	15				
1	Godown-keeper	10	10				
1	Muchi	10	10				
1	Duffadar	12	12				
1	Naique	10	10				
8	Peons	8	64				
1	Scavenger	3½	3½				
1	Sweeper	3½	3½				
		..	934	11,208	..	12,228	
28	Total, Presidency Port office ..						
	EXECUTIVE ESTABLISHMENT.						
	EASTERN GROUP.						
	Ganjám District.						
	Barwa.						
1	Flag lascar	7	7				
		..	7	84	..	84	
	Gopalpur.						
1	Clerk	20	20				
1	Flag signaller and boat overseer ..	20	20				
1	Do. lascar	7	7				
1	Boat tindal	10	10				
		..	57	684	..	684	
4							
	Calingapatam.						
1	Flag signaller	20	20				
1	Boat tindal	10	10				
1	Flag lascar	7	7				
		..	37	444	..	444	
3							
	Vizagapatam District.						
	Vizagapatam.						
1	Clerk	20	20				
1	Peon	7	7				
1	Flag signaller	20	20				
2	Do. lascars	7	14				
1	Boat overseer	20	20				
1	Do. tindal	10	10				
		..	91	1,092	..	1,092	
7							
	Bimlipatam.						
1	Clerk	20	20				
1	Peon	7	7				
1	Flag signaller	20	20				
2	Do. lascars	7	14				
1	Boat overseer	20	20				
1	Do. tindal	10	10				
		..	91	1,092	..	1,092	
7							
	Gódávari District.						
	Cocanada.						
1	Clerk	30	30				
1	Do.	20	20				
3	Peons	7	21				
1	Telephone signaller	10	10				
1	Boat overseer	20	20				

Detail of the Budget Estimate for Establishment—*cont.*

Number.	Particulars.	Salary of office.	Estimate for 1898–99. Per mensem.	Per annum.	Total.	Estimate for 1897–98.	Remarks.
	Gódávari District—cont.						
	Cocanada—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
1	Boat syrang	21	21				
5	Boatmen	8	40				
1	Diver of Steam Launch "Empress." ..	20	20				
1	Sweeper	1½	1½				
15		..	183½	2,202	..	2,184	
..	Signalling allowance for the Light-house Superintendent.	10	10				
		..	10	120	..	120	
	Kistna District.						
	Masulipatam.						
1	Clerk	20	20				
1	Peon	7	7				
1	Flag lascar	7	7				
1	Boat overseer	20	20				
1	Do. tindal	8	8				
1	Sweeper	2	2				
6		..	64	768	..	768	
	South Arcot District.						
	Cuddalore.						
1	Clerk	15	15				
1	Boat overseer	20	20				
2		..	35	420	..	420	
	Porto Novo.						
1	Flag signaller ..	12	12				
1	Do. lascar	7	7				
2		..	19	228	..	228	
	Tanjore District.						
	Negapatam.						
1	Clerk	30	30				
1	Do.	15	15				
3	Peons	7	7				
1	Boat overseer	20	21				
1	Do. tindal	10	10				
2	Jetty peons	7	14				
1	Flag signaller	15	15				
1	Do. lascar	7	7				
1	Sand spit peon (moiety of pay) ..	2½	2½				The other moiety paid by the Salt Department.
2	Gardeners (moiety of pay) ..	2	4				
2	Boatmen	8	16				
3	Do. (temporary)	8	24				
19		..	178½	2,142	..	1,626	
	Tirumalavasal.						
1	Flag signaller	12	12				
		..	12	144	..	144	
	Madura District.						
	Pámban.						
1	Clerk	20	20				
3	Peons	7	21				
4		..	41	492	..	492	
	Tinnevelly District.						
	Tuticorin.						
1	Clerk	30	30				
1	Do.	20	20				
2	Peons	7	14				
1	Sweeper	1	1				
1	Boat overseer	15	15				
1	Do. tindal	10	10				

Detail of the Budget Estimate for Establishment—*cont.*

Number.	Particulars.	Salary of office.	Estimate for 1898–99. Per mensem.	Per annum.	Total.	Estimate for 1897–98.	Remarks.
	Tinnevelly District—cont.						
	Tuticorin—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
4	Boatmen	8	32				
1	Clerk for goods shed	15	15				
1	Peon do.	7	7				
1	Apothecary for Marine Dispensary ..	55	55				
1	Watcher	5	5				
15		..	204	2,448	..	2,688	
86	Total, Eastern Group ..	..	..	..	12,360	12,066	
	Western Group.						
	Malabar District.						
	Calicut.						
1	Clerk	30	30				
1	Do.	20	20				
1	Do. (temporary)	10	10				
3	Peons	7	21				
1	Boat overseer	14	14				
1	Signaller	15	15				
1	Boat tindal	15	15				
1	Do.	12	12				
2	Boatmen	8	16				
2	Do.	7	14				
2	Flag lascars	7	14				
1	Sweeper	2	2				
17		..	183	2,196	..	2,268	
	Cochin.						
1	Clerk	30	30				
1	Flag signaller	15	15				
1	Do. lascar	7	7				
1	Boat tindal	12	12				
1	Boatman	8	8				
4	Boatmen	7	28				
3	Peons	7	21				
1	Watchman	7	7				
1	Sweeper	2	2				
14		..	130	1,560	..	1,560	
	Temporary Establishment.						
2	Clerks	15	30				For eight months in a year.
2		..	30	240	..	240	
	Ponnani.						
1	Flag lascar	7	7				
1		..	7	84	..	84	
	Beypore.						
1	Flag lascar	7	7				
1		..	7	84	..	84	
	Badagara.						
1	Flag lascar	15	15				
1		..	15	180	..	180	
	Tellicherry.						
1	Clerk	30	30				
1	Flag signaller	20	20				
1	Do. lascar	7	7				
2	Peons	7	14				
1	Boat tindal	14	14				
4	Boatmen	8	32				
10		..	117	1,404	..	852	

Detail of the Budget Estimate for Establishment—*cont.*

Number.	Particulars.	Salary of office.	Estimate for 1898-99. Per mensem.	Per annum.	Total.	Estimate for 1897-98.	Remarks.
	Malabar District—cont.	Rs.	Rs.	Rs.	Rs.	Rs.	
	Cannanore.						
1	Clerk	15	15				
1	Flag ignaller	20	20				
1	Do. lascar	7	7				
3		..	42	504	..	504	
	Kallai Bar.						
1	Clerk	12	12				
1	Peon	7	7				
2		..	19	228	..	240	
	South Canara District.						
	Mangalore.						
1	Clerk	30	30				
2	Peons	7	14				
1	Boat tindal	7	7				
3	Boatmen	6	18				
1	Flag signaller	20	20				
1	Do. lascar	7	7				
1	Sweeper	1	1				
10		..	97	1,164	..	1,236	
	Temporary Establishment.						
2	Clerks	15	30	..	..	..	For eight months in a year.
2		..	30	240	..	240	
63	Total Western Group ..	..	..	..	7,884	7,488	
	MADRAS.						
	Deputy Conservator's Establishment.						
1	Clerk	50	50				
1	Do.	30	30				
1	Do.	17	17				
1	Do.	14	14				
1	Signaller	45	45				
1	Do.	30	30				
1	Do	20	20				
1	Muchi	10	10				
1	Duffadar	10	10				
3	Peons	8	24				
1	Sweeper	3½	3½				
1	Toti	1½	1½				
14	Total ..	..	255	3,060	..	3,060	
	Boat Establishment.						
1	Boat overseer	100	100				
1	Do. maistry	21	21				
1	Clerk	15	15				
1	Conicapillay	10	10				
2	Tindals	12	24				
22	Boatmen	10	220				
2	Catamaran maistries	12	24				
10	Do. men	10	100				
2	Peons	7	14				
1	Carpenter	17½	17½				
2	Light-keepers	15	30				
1	Lamp trimmer	13	13				
46	Total ..	..	588½	7,062	..	6,906	
	Divers' Establishment.						
1	Diver	125	125				
1	Do.	50	50				
..	Exchange compensation allowance on Rs. 125.	..	12½				
2		..	187½	2,250	..	2,298	

Detail of the Budget Estimate for Establishment—*cont.*

Number.	Particulars.	Salary of office.	Estimate for 1898-99. Per mensem.	Per annum.	Total.	Estimate for 1897-98.	Remarks.
	MADRAS—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
	Marine Apothecary's Establishment.						
1	Apothecary—pay, staff allowance and house-rent.	225	225				
1	Peon	6	6				
2		..	231	2,772	..	3,334	
	Port Gig Establishment.						
1	Tindal	12	12				
6	Boatmen	10	60				
7		..	72	864	..		
71	Total, Madras ..	..	..	..	16,008	15,598	
	PIER TOLLS—ACT V OF 1863 AND VII OF 1871.						
	Tuticorin Pier.						
	Establishment.						
1	Pier clerk	15	15				
1	Do. toll-taker	25	25				
1	Do. tindal	10	10				
1	Do. peon	7	7				
1	Do. carpenter	15	15				
5		..	72	864	..	..	
	Contingencies.						
..	Painting	..	..	100			
..	Petty repairs to pier	..	..	300			
..	Contingencies	..	..	650			
		..	..	1,914 or 1,900	..	1,900	
	Gopalpur Pier.						
	Establishment.						
..	*Nil*	..	..	..			
..	Contingencies for removing loose tie rods.	..	..	50			
		..	..	50	..	50	
	Calicut Pier.						
	Establishment.						
1	Clerk	14	14				
1		..	14	168	..	..	
..	Extra cooly including watchman ..	..	..	150			
	Contingencies.						
..	Pier contingencies	..	..	120			
..	Contractors' cooly hire for working cargo.	..	..	800			
		..	..	1,238	..	1,238	
	LIGHTHOUSE ESTABLISHMENT.						
	Madras.						
	Madras Lighthouse.						
1	Head lightkeeper (N.S.)	60	60				
..	House-rent for	10	10				
2	Lightkeepers	40	80				
..	House-rent	10	20				
1	Lascar	7	7				
4		..	177	2,124	..	..	

Detail of the Budget Estimate for Establishment—*cont.*

Number.	Particulars.	Salary of office.	Estimate for 1898–99. Per mensem.	Per annum.	Total.	Estimate for 1897–98.	Remarks.
	Madras—cont.						
	Pulicat Lighthouse.	Rs.	Rs.	Rs.	Rs.	Rs.	
1	Head lightkeeper (N.S.)	70	70				
1	Do. (O.S.) ..	12	12				
2	Lightkeepers	9	18				
1	Lightkeeper	7	7				
5		..	107	1,284	..	..	
	Seven Pagodas Lighthouse.						
1	Head Lightkeeper (N.S.)	70	70				
1	Dō. (O.S.)	12	12				
3	Lightkeepers	9	27				
..	Provision allowance for four men ..	1	4				
5		..	113	1,356	..	..	
	Armeghon Lighthouse.						
1	Head lightkeeper (N.S.)	70	70				
..	Personal allowance	30	30				
1	Head lightkeeper (O.S.)	15	15				
3	Lightkeepers	9	27				
1	Lightkeeper	7	7				
..	Provision allowance for five men ..	1	5				
6		..	154	1,848	..	..	
..	Share of charges of Inspecting staff.	..	..	643	..	..	
20		..	..	7,255	..	..	
	Eastern Group.						
	Gopalpur.						
1	Head lightkeeper (O.S.)	10	10				
1	Lightkeeper	8	8				
2		..	18	216	..	..	
	Calingapatam.						
1	Lightkeeper (N.S.)	40	40				
1	Head lightkeeper (O.S.)	15	15				
1	Do.	12	12				
1	Lightkeeper	8	8				
4		..	75	900	..	..	
	Santopilly.						
1	Head lightkeeper (N.S.)	65	65				
..	Personal allowance	5	5				
1	Head lightkeeper (O.S.)	15	15				
2	Lightkeepers	9	18				
1	Lightkeeper	8	8				
..	Provision allowance for four men ..	1	4				
5		..	115	1,380	..	..	
	Vakalpudi.						
1	Head Lightkeeper (N.S.)	65	65				
..	Personal allowance	5	5				
1	Head lightkeeper (O.S.)	12	12				
1	Lightkeeper	9	9				
1	Do.	8	8				
1	Do.	7	7				
1	Flag lascar	8	8				
..	Provision allowance for five men ..	1	5				
6		..	119	1,428	..	..	

Detail of the Budget Estimate for Establishment—*cont.*

Number.	Particulars.	Salary of office.	Estimate for 1898–99. Per mensem.	Per annum.	Total.	Estimate for 1897–98.	Remarks.
	Eastern Group—cont.						
	Hope Island.	Rs.	Rs.	Rs.	Rs.	Rs.	
1	Lightkeeper (N.S.)	40	40				
1	Do. (O.S.)	12	12				
3	Lightkeepers	9	27				
1	Lightkeeper	7	7				
2	Water boat lascars	7	14				
..	Provision allowance for seven men ..	1	7				
8		..	107	1,284	..	..	
	Sacramento.						
1	Head lightkeeper (O.S.)	15	15				
..	Charge allowance	2	2				
1	Head lightkeeper (O.S.)	12	12				
..	Provision allowance for two men ..	1	2				
2		..	31	372	..	..	
	Masulipatam.						
1	Head lightkeeper (O.S.)	10	10				
1	Lightkeeper	9	9				
2		..	19	228	..	..	
	Point Devi.						
1	Head lightkeeper (N.S.)	65	65				
..	Personal allowance	5	5				
1	Head lightkeeper (O.S.)	12	12				
3	Lightkeepers	9	27				
1	Do.	7	7				
..	Provision allowance for five men ..	1	5				
6		..	121	1,452	..	..	
	Cuddalore.						
1	Head lightkeeper and head signaller (O.S.).	20	20				
2	Lightkeepers and signallers ..	9	18				
3		..	38	456	..	..	
	Negapatam.						
1	Head lightkeeper (O.S.)	10	10				
..	Charge allowance	2	2				
2	Lightkeepers	9	18				
3		..	30	360	..	..	
	Point Calimere.						
1	Head lightkeeper	10	10				
..	Charge allowance	2	2				
2	Lightkeepers	9	18				
3		..	30	360	..	..	
	Tondi.						
1	Head light keeper (O.S.) ..	10	10				
..	Charge allowance	1	1				
1	Lightkeeper	9	9				
2		..	20	240	..	..	
	Pámban.						
1	Head lightkeeper (O. S.) ..	10	10				
..	Charge allowance	2	2				
2	Lightkeepers	9	18				
3		..	30	360	..	..	