Govt. of {1886} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., 27th Dec. 1886, No. 1366.

DECEMBER.

Budget.

Reviewing the estimates of the Marine Department for 1887-88.

PRELIMINARY ISSUE.

INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

PUBLIC WORKS DEPARTMENT.

INCORPORATED LOCAL FUNDS BUDGET ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS,

FOR THE YEAR

1886-87.

CHEPÂK,
30th December 1885.

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

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF INCORPORATED LOCAL FUNDS PUBLIC WORKS REVENUE IN THE MADRAS PRESIDENCY FOR THE YEAR 1886-87.

Budget Estimate of the Revenue that will be realized by, and on account of Incorporated Local Funds of, the Public Works Department in the Madras Presidency for the Year from 1st April 1886 to March 1887.

—	BUDGET ESTIMATE, 1886-87.	BUDGET ESTIMATE, 1885-86.	ACTUALS, 1884-85.
	Rs.	Rs.	Rs.
Realised in Public Works Department	6,000	6,000	3,445
Total ...	6,000	6,000	3,445

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF EXPENDITURE FROM INCORPORATED LOCAL FUNDS ON PUBLIC WORKS IN THE MADRAS PRESIDENCY FOR THE YEAR 1886-87.

Abstract of the Estimated Charges from Incorporated Local Funds on Public Works in the Madras Presidency from 1st April 1886 to March 1887.

—	Budget Estimate, 1886-87.	Budget Estimate, 1885-86.	Actuals, 1884-85.
	Rs.	Rs.	Rs.
ORIGINAL WORKS.			
Civil Buildings	...	...	867
Communications	20,461	36,000	21,959
Miscellaneous Public Improvements	...	...	2,450
Total ...	20,461	36,000	23,542
REPAIRS.			
Civil Buildings	...	...	...
Communications	20,850	24,423	22,850
Miscellaneous Public Improvements	...	...	481
Total ...	20,850	24,423	23,331
TOTAL, WORKS AND REPAIRS.			
Civil Buildings	...	...	867
Communications	41,311	60,423	44,809
Miscellaneous Public Improvements	...	...	2,931
Total ...	41,311	60,423	46,873
Establishment ...	27,650	7,740	30,959
Tools and Plant	61,306	61,837	2,044
Grand Total ...	1,30,267	1,30,000	79,876

GOVERNMENT OF MADRAS.

ABSTRACT OF GRANTS ASSIGNED BY FUNDS.

—	Funds to which Grants for 1886-87 are Chargeable.					Revised Estimate, 1885-86.
	Local Funds under Act IV of 1871.	Police Lodging Fund.	Canal and Ferry Fund.	Jungle Conservancy Fund.	Total, 1886-87.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
ORIGINAL WORKS.						
Civil Buildings	...	...	...	...	...	...
Communications	...	...	20,461	...	20,461	43,251
Miscellaneous Public Improvements	...	...	...	...	...	...
Total ...	...	...	20,461	...	20,461	43,251
REPAIRS.						
Civil Buildings	...	...	...	...	...	...
Communications	16,810	...	4,040	...	20,850	20,460
Miscellaneous Public Improvements	...	...	...	...	...	...
Total ...	16,810	...	4,040	...	20,850	20,460
Total, Works and Repairs ...	16,810	...	24,501	...	41,311	63,711
Establishment ...	* 22,660	...	4,990	...	27,650	30,723
Tools and Plant	48	...	61,258	...	61,306	60,595
Grand Total ...	39,518	...	90,749	...	1,30,267	1,55,029

* Includes Rs. 21,250, being the amount of contribution for scrutiny of Local Fund Projects by the Public Works Department.

INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

Appendix to G.O., No. 3088 W., dated 30th December 1885.

GOVERNMENT OF MADRAS.

LIST OF ORIGINAL WORKS PROPOSED TO BE CARRIED OUT BY THE PUBLIC WORKS DEPARTMENT DURING 1886-87.

Funds.	Executive Division.	Locality.	Item No.	Name of Work.	Amount of Estimate.	Outlay.		Grant, 1886-87.		Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Amount.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.		
				Communications.							
				Original Works.							
Canal and Ferry Fund.	Godávari, Eastern.	.....	1	Kovur Manjer junction canal	1,45,525	99,312	28,549	17,664	...	1	G.O., No. 336 I., dated 30th March 1885.
	Kistna, Eastern.	Bezváda ...	2	Landing stage below the Kistna Anicut.	19,200	5,403	11,000	2,797	...	2	G.O., No. 1857 W., dated 4th July 1883.
				Total ...	...	...	...	...	20,461		
				Total, Original Works ...	...	...	...	...	20,461		

GOVERNMENT OF MADRAS.

LIST OF REPAIRS PROPOSED TO BE CARRIED OUT BY THE PUBLIC WORKS DEPARTMENT DURING 1886-87.

Executive Division.	Locality.	Item No.	Name of Work.	Grant, 1886-87.	Total.	Remarks.
				Rs.	Rs.	
			Canal and Ferry Fund.			
			Navigable Canals.			
Godávari, Eastern.	.....	1	Kovur-Manjer junction canal, maintenance and repairs of the completed portion.	4,000	4,000	
			Communications.			
Kistna, Eastern.	Bezváda ...	2	Maintenance of ferry road ...	40	40	
					4,040	
			Local Funds under Act IV of 1871.			
Kistna, Western.	Nizampatam Canal.	3	Maintenance of canal left bank between Nandivelugu and Kuchipudi.	350		
	Kistna Right Bank.	4	Maintenance of Kistna right bank between Pennumudi and Kollur.	650		
South Arcot ...	Chidambaram Taluk.	5	Repairing a portion of road from Shatiatope to Omampulayoor passing over the Veeranam tank bund, 9 miles, at Rs. 100 a mile.	900		
Do. ...	Do. ...	6	Repairing road on Vadavar bank, 10 miles, at Rs. 100 per mile.	1,000		
Do. ...	Do. ...	7	Repairing road on the Coleroon bank, 20 miles, at Rs. 100 per mile.	2,000		
Do. ...	Do. ...	8	Repairing road on right bank of Khan Sahib's canal, 6 miles, at Rs. 75 per mile.	450		
Do. ...	Do. ...	9	Repairing road from Vriddhachalam road, 11 miles, to Kandiamallore by Perumal tank bank, 10 miles (3 miles at Rs. 50, and 7 at Rs. 20 per mile).	290		
Trichinopoly ...	Trichinopoly and Udayárpálaiyam.	10	Road No. 20 from Sirudiyur *viâ* Sengaveyur to Lower Anicut, 20 miles, at Rs. 50 per mile.	1,000		
Tanjore ...	Kumbakónam.	11	Road No. 12 from Auduthorai to Tranquebar, 3½ miles, at Rs. 50 per mile.	175		
Do. ...	Máyavaram ...	12	Road No. 12 from Auduthorai to Tranquebar, 23 miles, at Rs. 75 per mile.	1,725		
Do. ...	Kumbakónam, Máyavaram and Shiyáli.	13	Road No. 70 along the Coleroon south bank from Lower Anicut to Anaikára Chattram, 28 miles, at Rs. 50 per mile.	1,400		
			Carried over ...	9,940	4,040	

GOVERNMENT OF MADRAS.

LIST OF REPAIRS PROPOSED TO BE CARRIED OUT BY THE PUBLIC WORKS DEPARTMENT DURING 1886-87—*cont.*

Executive Division.	Locality.	Item No.	Name of Work.	Grant, 1886-87.	Total.	Remarks.
				Rs.	Rs.	
			Brought forward ...	9,940	4,040	
			Local Funds under Act IV of 1871—*cont.*			
Tanjore ...	Kumbakónam.	14	Road No. 79 along the Arasillár south bank, 3¼ miles, at Rs. 40 per mile.	130		
Do. ...	Nannilam ...	15	Road No. 79 along the Arasillár south bank, 12½ miles, at Rs. 50 per mile.	625		
Do. ...	Kumbakónam.	16	Road along the south bank of Tirumalairajen to connect road No. 14 with No. 15, 3⅛ miles, at Rs. 60 per mile.	190		
Do. ...	Tanjore ...	17	Road along the right bank of the Vennár from road No. 39 eastwards, 3 miles, at Rs. 50 per mile.	150		
Do. ...	Do. ...	18	Road along the Cauvery right bank from Vennár head to Thohoor, 2 miles, at Rs. 50 per mile.	100		
Do. ...	Kumbakónam.	19	Road No. 90 along the south bank of the Vennár, east of road No. 4 to Udaramangalam village, 3½ miles, at Rs. 60 per mile.	210		
Do. ...	Tanjore ...	20	Road from road No. 39 to Haridwaramangalam, 6 miles, at Rs. 50 per mile.	300		
Do. ...	Nannilam ...	21	Road No. 46 from Nagore to Kangalangery along the Vetár south bank to connect No. 16 with No. 35, 18½ miles, at Rs. 50 per mile.	1,200		
Do. ...	Kumbakónam.	22	Road No. 47 along the right bank of Thirumalarajanar from road No. 14 eastward, 5 miles and 4 furlongs, at Rs. 50 per mile.	275		
Do. ...	Máyavaram and Shiyáli.	23	Road No. 70 along the Coleroon south bank from Lower Anicut to Anaikára Chattram, 28th to 31st mile.	250		
Negapatam ...	Tiruturaipúndi.	24	Road No. 51 from Muniyar along the south bank of the Harichandranadi, 13⅓ miles, at Rs. 100 per mile.	1,340		
Do. ...	Do. ...	25	Road No. 63 from No. 26 near Tiruturaipúndi or from Ponáni to Kodumodu, 9 miles at Rs. 75, and 2¾ miles at Rs. 100 per mile.	950		
			Carried over ..	15,660	4,040	

GOVERNMENT OF MADRAS.

LIST OF REPAIRS PROPOSED TO BE CARRIED OUT BY THE PUBLIC WORKS DEPARTMENT DURING 1886-87—*cont.*

Executive Division.	Locality.	Item No.	Name of Work.	Grant, 1886-87.	Total.	Remarks.
				Rs.	Rs.	
			Brought forward ...	15,660	4,040	
			Local Funds under Act IV of 1871—*cont.*			
Negapatam ...	Mannárgudi ...	26	Road No. 51 from road No. 18 at Mudyar head and joining road No. 35 and thence to Thalamayer, 9 miles, at Rs. 75 per mile.	675		
Do. ...	Do. ...	27	Road No. 90 along the north bank of the Vennár from road No. 15 and joining No. 38, 5¼ miles, at Rs. 60 per mile.	315		
Do. ...	Do. ...	28	Road along the left bank of the Korayar on road No. 23 to Mudyar head, 4 miles, at Rs. 40 per mile.	160		
					16,810	
			Total, Repairs ...	...	20,850	
			Canal and Ferry Fund.			
			Tools and Plant (Special).			
Godávari, Eastern.	.....	29	Construction and repair of ferry boats, Kovur-Manjer junction canal.	1,500		
Do. ...	.....	30	Purchase of steamer for the Rajahmundry ferry.	59,540		
					61,040	

PRELIMINARY ISSUE.

PUBLIC WORKS DEPARTMENT.

EXCLUDED LOCAL FUNDS BUDGET ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS,

FOR THE YEAR

1886-87.

Prepared with reference to the Government of India Resolution No. 473 A.G., dated 17th November 1880.

Chepâk,
30th December 1885.

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

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF EXCLUDED LOCAL FUNDS PUBLIC WORKS REVENUE IN THE MADRAS PRESIDENCY FOR THE YEAR 1886-87.

Budget Estimate of Revenue that will be realized by, and on account of Excluded Local Funds of, the Public Works Department in the Madras Presidency for the Year from 1st April 1886 to 31st March 1887.

—	BUDGET ESTIMATE, 1886-87.	BUDGET ESTIMATE, 1885-86.	ACTUALS, 1884-85.
	Rs.	Rs.	Rs.
Realised in the Public Works Department	...	...	...
Total ...	...	...	...

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF EXPENDITURE FROM EXCLUDED LOCAL FUNDS ON PUBLIC WORKS IN THE MADRAS PRESIDENCY FROM 1ST APRIL 1886 TO 31ST MARCH 1887.

Abstract of the Estimated Charges from Local Funds on Public Works in the Madras Presidency from 1st April 1886 to 31st March 1887.

	Budget Estimate, 1886-87.	Budget Estimate, 1885-86.	Actuals, 1884-85.
	Rs.	Rs.	Rs.
ORIGINAL WORKS.			
Civil Buildings	...	...	8,692
Communications	...	...	...
Miscellaneous Public Improvements	1,30,903	...	5,847
Total ...	1,30,903	...	14,539
REPAIRS.			
Civil Buildings	...	...	287
Communications	...	...	...
Miscellaneous Public Improvements	...	...	6,770
Total ...	...	...	7,057
TOTAL, WORKS AND REPAIRS.			
Civil Buildings	...	...	8,979
Communications	...	...	...
Miscellaneous Public Improvements	1,30,903	...	12,617
Total ...	1,30,903	...	21,596
Establishment	30,108	...	4,968
Tools and Plant	1,309	...	214
Grand Total ...	1,62,320	...	26,778

GOVERNMENT OF MADRAS.

ABSTRACT OF GRANTS ASSIGNED BY FUNDS.

	Funds to which the Grant for 1886-87 are Chargeable.			Revised Estimate, 1885-86.
	Municipal.	Port Fund.	Totals, 1886-87.	
	Rs.	Rs.	Rs.	Rs.
ORIGINAL WORKS.				
Civil Buildings	...	...	...	10,784
Communications	...	...	...	...
Miscellaneous Public Improvements	...	1,30,903	1,30,903	1,18,163
Total ...	...	1,30,903	1,30,903	1,28,947
REPAIRS.				
Civil Buildings	...	...	...	2,373
Communications	...	...	...	...
Miscellaneous Public Improvements	...	...	...	2,881
Total ...	...	...	...	5,254
Total, Works and Repairs ...	...	1,30,903	1,30,903	1,34,201
Establishment	...	30,108	30,108	30,821
Tools and Plant	...	1,309	1,309	1,340
Grand Total ...	...	1,62,320	1,62,320	1,66,362

EXCLUDED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

APPENDIX TO G.O., No. 3088 W., DATED 30TH DECEMBER 1885

GOVERNMENT OF MADRAS.

LIST OF ORIGINAL WORKS PROPOSED TO BE CARRIED OUT BY THEPUBLIC WORKS DEPARTMENT DURING 1886-87.

FUNDS.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	NAME OF WORK.	AMOUNT OF ESTIMATE.	OUTLAY.		GRANT, 1886-87.		ITEM. No.	REMARKS AND REF
						Actual to end of 1884-85.	Probable during 1885-86.	Amount.	Total.		
				MISCELLANEOUS PUBLIC IMPROVEMENTS.	Rs.	Rs.	Rs.	Rs.	Rs.		
				ORIGINAL WORKS.							
Port Fund ...	Ganjam ...	Gopálpur ...	1	Constructing an iron pier	2,30,903	...	1,00,000	1,30,903	1,30,903	1	G.O. No. 3069 W., dated 13th I
				Total ...	...	...	...	...	1,30,903		

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Account.

Read—the following papers:—

From the Suptg. Engineer,	I Circle,	dated 7th November 1885,	No. 300 G.L.			
" "	II "	" 9th October 1885,	No. ——,	two statements.		
" "	III "	" 25th Sept.	" " ——	"	"	
" "	IV "	" 6th October	" " 403 E.			
" "	IV "	" 26th "	" " 429 E.W.			
" "	V "	" 5th "	" " 2874.			
" "	V "	" 5th "	" " 2875.			
" "	V "	" 5th "	" " 2876.			
" "	V "	" 5th "	" " 2877.			
" "	VI "	" 22nd Sept.	" " 999 T.J.			
" "	VI "	" 1st October	" " ——,	two statements.		

From the Consulting Architect to Government, dated 8th October 1885, No. ——.
Proceedings of Government, Financial Dept., dated 12th Dec. 1885 (Mis.), No. 1201 L.F.

Order—dated 30th December 1885, No. 3088 W., Public Works.

Ordered that the preliminary issues of the Incorporated and Excluded Local Fund Budgets for 1886-87 be printed and circulated to Superintending Engineers for information and guidance, and four copies forwarded to the Government of India.

2. The budget estimates for works under Act V of 1884 have been approved by the Financial Department (Local) and the budget estimates for works under "Canal and Ferry funds" have been duly provided for in Proceedings, Revenue Department, No. 1281, dated 17th November 1885, with the following exceptions, for which that department has been requested to arrange to provide funds:—

	Rs.
1. Landing stage below the Kistna anicut	2,797
2. Maintenance of ferry road at Bezváda, Kistna Eastern division ...	40
3. Construction and repair of ferry boats, Godávari	1,500

3. The only work * proposed under excluded Local Funds has been duly brought forward in the Marine Budget for the year.

* Constructing an iron pier at Gopálpur.

4. The differences between the budget and revised estimates for 1885-86 under Incorporated and Excluded Local Funds are due to funds having been provided during the official year for incomplete works of last year and for new works.

(Here enter No. 3089 W., dated 30th December 1885.)

(True Extract.)

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

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Accountant-General.
" Financial Department.
" Revenue "
" Marine "

ENDORSEMENT—dated 30th December 1885, No. 3089 W., Public Works.

Copy of the above forwarded to the Government of India.

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

Exd. W. J. Lewis.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated December, 30th.

Read. *Encl.*

G.O., 30th Dec. 1885, No. 3089 W.

DECEMBER.

Incorporated and Excluded Local Fund Budget Estimates

Forwarding copies of the preliminary issues of the — for 1886-87.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—the following paper :—

G.O., dated 7th November 1885, No. 2645 W., Public Works.

Read—the following letter from J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, Madras, to the Chief Secretary to Government, dated Madras, 10th October 1885, No. 8433 :—

Administrative department.

I have the honor to forward the accompanying budget estimates of the Marine department for the ensuing official year 1886-87, in a revised form, as suggested in G.O., No. 2930, Financial, dated 17th December 1884 :—

(1) Budget estimate of Port Fund receipts and charges.
(2) Do. of Provincial do. do.

2. The estimated receipts and charges, Port Fund, for the official year 1886-87, are Rs. (4,10,300) four lakhs, ten thousand and three hundred, and Rs. (3,41,925) three lakhs, forty-one thousand, nine hundred and twenty-five, respectively, and compared with those of the previous year, they stand as follows :—

	Estimates.	RS.	Actuals.	RS.
Receipts ..	1885-86	3,95,200	1882-83	4,30,264
			1883-84	4,50,340
	1886-87	4,10,300	1884-85	4,13,434
Charges ..	1885-86	2,44,005	1882-83	4,27,469
			1883-84	2,38,527
	1886-87	3,41,925	1884-85	3,34,838

It will be seen that the receipts are in excess of those of last year's estimate. They are based on the actuals of the past three years, a proportionate abatement being made in view of the reduction recently made in the rate of Port dues levied on coasting steamers, viz., from (4½) four-and-a-half annas to (3) three annas per ton. While these vessels will greatly benefit by the reduction, the Port fund will continue to be maintained in a flourishing condition.

3. As regards charges, there is an increase of Rs. (97,920) ninety-seven thousand, nine hundred and twenty, owing principally to the large outlay for the Gopálpur pier. The remarks entered in the estimate will explain the variations in the different items. The charges are, however, fully covered by the estimated receipts for the year.

4. The Provincial budget estimate exhibits under the head of Receipts Rs. (16,100) sixteen thousand and one hundred, and under that of Charges Rs. (19,232) nineteen thousand, two hundred and thirty-two. Deducting Rs. (4,000) four thousand provided for the steamer *Margaret Northcote*, which belongs to the Revenue department and whose charges are adjusted in that department, the receipts and expenditure under the head of Provincial will be fairly balanced. The following

is a comparative memorandum of the estimate for 1885-86 and actuals of the last three years with the one now submitted :—

	Estimates.		RS.	Actuals.		RS.
Receipts ..	1885-86		17,250	1882-83		15,763
				1883-84		17,230
	1886-87		16,100	1884-85		15,278
Charges ..	1885-86		17,584	1882-83		5,051
				1883-84		8,139
	1886-87		19,232	1884-85		16,186

Order—dated 7th November 1885, No. 2645 W., Public Works.

The Port fund budget estimates for 1886-87, received from the Master Attendant with his letter recorded above, will be transferred to the Marine department for disposal.

2. The amount to be transferred from Port funds to the credit of the Public Works department, for expenditure in 1886-87, is shown below. The Accountant-General will be requested in the Marine department to take the necessary action in the matter :—

Ganjam.

	RS.
Construction of an iron pier at Gopálpur—	
Works	1,30,903
Establishment, tools and plant	31,417
Total ..	1,62,320

(True Extract.)

(Signed) D. MACN. CAMPBELL, Capt., R.E.,
Under Secy. to Govt., P.W.D.

To the Marine department.

ORDER—dated 28th December 1885, No. 1641, Financial.

The Master Attendant submits the budget estimates of the Marine department under *Provincial Services* and *Excluded Local funds*, viz., *Port funds*, for 1886-87. The actuals for 1884-85, as given by the Master Attendant, do not correspond with the figures furnished by the Accountant-General. In future, endeavours should be made to effect an agreement between the two sets of accounts before the budget is submitted to Government.

PROVINCIAL SERVICES.

2. The gross receipts under "*XVII, Marine*," which consist of pilotage collections in the ports of Pámban and Cochin, are estimated at Rs. 16,100. But, as the net surplus over the expenditure under *Pilot Establishments, &c.*, is transferred, at the end of each year, to the credit of Port funds, under G.O., No. 24, Financial, dated 6th January 1882, the estimate of receipts under Provincial will be fixed at Rs. 6,000 in round numbers, as in the current year.

Years.		Gross Pilotage receipts.	Surplus transferred to Port funds.	Net receipts, Provincial.	Miscellaneous receipts.	Total Provincial receipts.
		RS.	RS.	RS.	RS.	RS.
Actuals ..	1882-83 ..	15,763	10,452	5,311	..	5,311
	1883-84 ..	17,230	11,784	5,446	..	5,446
	1884-85 ..	15,278	10,222	5,056	11	5,067
Estimates ..	1885-86 ..	17,250	11,250	6,000	..	6,000
	1886-87 ..	16,100	10,100	6,000	..	6,000

3. The charges under "21, *Marine*," consist of the following four items :—

(i) *Salaries and allowances of officers and men afloat*, viz., the charges in connection with the S.S. *Margaret Northcote*, which is maintained by the Revenue department for pearl fishery operations in Tinnevelly. The estimate of Rs. 4,000 under this head corresponds with the grant for the current year, and is accepted.

		RS.
Actuals ..	1882-83	3,380
	1883-84	3,049
	1884-85	3,008
Grants ..	1885-86	4,000
	1886-87	4,000

(ii) *Purchase and Hire of Ships and Vessels.*—A sum of Rs. 1,15,000 was provided in the sanctioned budget of the current year for the purchase of a Government steamer, but the amount was struck out along with other items of expenditure reduced in the beginning of the year on the requisition of the Government of India. A sum of Rs. 20,000 will now be entered in the budget for 1886-87, under "*Subsidies to Steamboat Companies*," in view of the proposals made to the Director-General of Post Offices for the provision by subsidy of a regular marine service to and from Madras and the Northern ports.

(iii) *Marine establishments*, constituting the charges on account of the *Second Assistant Master Attendant and his establishment* for shipping and landing Government consignments. The estimate under this head—Rs. 9,412—is nearly Rs. 3,000 in excess of the actuals of 1884-85, and provides for the additional establishment sanctioned in G.O., No. 350, Marine, dated 25th August 1885. The estimate is accepted and passed for Rs. 9,500 in round numbers.

Years.		Salaries.	Establishments.	Contingencies.	Total.
		RS.	RS.	RS.	RS.
Actuals ..	1882-83 ..	1,200	2,201	1,910	5,311
	1883-84 ..	1,250	2,616	1,581	5,447
	1884-85 ..	1,100	2,587	1,370	5,057
Grants ..	1885-86 ..	1,200	2,616	2,284	6,100
	1886-87 ..	1,200	2,616	2,184	6,000

(iv) *Miscellaneous—Pilotage establishments in Pámban and Cochin.* — The estimate of Rs. 5,820 under this head will be raised to Rs. 6,000, to equalize the receipts and charges under this head.

4. The total grant under Provincial Services as above modified will then stand at Rs. 39,500, as shown below :—

—		S.S. "Margaret Northcote."	Second Assistant Master Attendant.	Pilot establishments.	Special items.	Total.
		RS.	RS.	RS.	RS.	RS.
Actuals ..	1882-83	3,380	..	5,311	..	8,691
	1883-84	3,049	2,721	5,447	..	11,217
	1884-85	3,008	6,598	5,057	11,727	26,390
Grants ..	1885-86	4,000	7,900	6,100	1,15,000	1,33,000
	1886-87	4,000	9,500	6,000	20,000	39,500

EXCLUDED LOCAL FUNDS.

5. The transactions under *Port funds* are divisible into the three following heads, and should be so distinguished in future :—

(i) *Port funds under Act XII of* 1875.—The receipts from this source are estimated at Rs. 4,10,300, or Rs. 10,300 above the sanctioned estimate of the current

year. The increase is expected to occur in the Presidency town and the ports of Pámban and Cocanada. But as the above amount would appear to include the receipts under the Cocanada Port Dues Act (III of 1883), a sum of Rs. 4,00,000 will be retained under this head and distributed as shown below :—

Years.		Port dues, fees, fines, tolls, &c.	Pilotage receipts.	Sale-proceeds of stores, &c.	Public Works receipts.	Total receipts, Act XII of 1875.
		Rs.	Rs.	Rs.	Rs.	Rs.
Actuals ..	1883-84	4,45,027	11,783	7,083	1,212	4,65,105
	1884-85	3,86,394	10,222	8,756	110	4,05,482
Estimates ..	1885-86	3,80,000	11,250	8,550	200	4,00,000
	1886-87	3,81,000	10,100	8,650	250	4,00,000

(ii) *Act III of* 1883.—The probable realisations under the Cocanada Port Dues Act may be taken at Rs. 11,000 in round numbers.

(iii) *Act VI of* 1882.—The receipts from Harbour dues (Rs. 2,21,000) are expected to fall by Rs. 1,79,000 below the estimated revenue in 1885-86 (viz., Rs. 4,00,000), owing to the reduction made in the rates by G.O., No. 233, Marine, dated 6th June 1885. The receipts from this source amounted, according to the Accountant-General, to Rs. 3,69,889 in 1884-85 and Rs. 2,25,250 in the first seven months of the current year. It is not clear whether the present estimate includes the contribution of Rs. 25,000 payable from Port funds (Act XII of 1875) under paragraph 3 of G.O., Marine, No. 233, dated 6th June 1885.

6. The total revenue under *Port funds* will then be Rs. 6,32,000, as shown below :—

Years.		Act XII of 1875.	Act VI of 1882.	Act III of 1883.	Total.
		Rs.	Rs.	Rs.	Rs.
Actuals ..	1882-83	4,15,759	..	..	4,15,759
	1883-84	4,65,105	..	..	4,65,105
	1884-85	4,05,482	3,69,889	16,413	7,91,784
Estimates ..	1885-86	4,00,000	4,00,000	..	8,00,000
	1886-87	4,00,000	2,21,000	11,000	6,32,000

7. The estimate of charges under *Port funds* includes Rs. 144, the cost of the establishment for collecting the port dues in Cocanada under Act III of 1883.

8. The charges under Act VI of 1882 are estimated at Rs. 64,000. The actuals of 1884-85, as given by the Master Attendant (Rs. 76,784), are Rs. 12,222 less than those * furnished by the Accountant-General. In future estimates, details should always be given for *salaries* and *establishments*, as well as for *contingencies*. It does not appear that the Master Attendant has provided for the interest payable to *Imperial Services* on account of the expenditure incurred in the Public Works department on the Madras Harbour works from 1883-84 (which is treated as a "loan to Presidency corporations," viz., the Port Trust). The amount paid for the two years 1883-84 and 1884-85 was Rs. 16,805. Including the current year's expenditure on Harbour works, the interest payable in 1886-87 may be estimated at Rs. 45,856. The total grant under this head will then be Rs. 1,09,856.

* Rs. 89,006.

	1884-85.	1885-86.	1886-87.
	Rs.	Rs.	Rs.
Salaries and establishments	25,162	27,870	28,000
Contingencies and miscellaneous ..	63,844	32,130	81,856
Total ..	89,006	60,000	1,09,856

9. The estimate of charges under Port Funds Act XII of 1875 should be distributed under the three main divisions shown below. In the *abstract* given on the 2nd page of the estimate, districtwar details are not necessary, nor is it worth while to

show in an estimate the distribution of the administrative charges in the Presidency Town between Madras and the out-ports. The following classification should be adopted instead,—*salaries*, *establishments* and *contingencies* being shown distinctly under each head :—

(i) MARINE—(*a*) *Dockyard and Port establishments* (including Medical establishments).—The estimate under this head should embrace the charges now shown under "Master Attendant's department" (which must include the 60 per cent. debited to out-ports), as well as the charges under "Out-ports, percentage to conservators and contingencies at minor ports." As thus arranged, the estimate under this head amounts to Rs. 1,59,666 for 1886-87, as compared with Rs. 1,53,838 for the current year, and is accepted.

	1885-86.	1886-87.
	Rs.	Rs.
Salaries	67,800	66,000
Establishments	64,238	65,886
Contingencies	21,800	27,780
Total ..	1,53,838	1,59,666

(*b*) *Ship and Boat establishments* (comprising the expenditure on account of the steam tug *Madras* and other marine vessels).—The estimate on this account is fixed at Rs. 20,824, and is approved.

	1885-86.	1886-87.
	Rs.	Rs.
Salaries	7,440	7,440
Establishments	3,384	3,384
Contingencies	11,700	10,000
Total ..	22,524	20,824

(*c*) *Light-houses and Light-ships.*—These charges amount to Rs. 24,366, against Rs. 24,988 sanctioned for the current year, and are accepted.

	1885-86.	1886-87.
	Rs.	Rs.
Establishments	16,908	16,896
Miscellaneous	8,080	7,470
Total ..	24,988	24,366

(ii) SUPERANNUATION—*Marine Pensions and Gratuities.*—The expenditure in 1886-87 on this account is fixed at Rs. 7,000, against Rs. 8,200 in the preceding year. The actuals in earlier years have, however, been considerably less than these estimates. A provision of Rs. 5,800 will suffice.

		Rs.
Actuals ..	1882-83	4,133
	1883-84	3,803
	1884-85	4,702
Grants ..	1885-86	8,200
	1886-87	5,800

(iii) PUBLIC WORKS.—(*a*) *By Civil officers.*—The estimate of works to be executed by the Marine department is fixed at Rs. 20,700 under Original Works, and Rs. 2,322 under Repairs. The programme of works is approved, and the estimate fixed at Rs. 23,024.

(*b*) *By Public Works officers.*—The Master Attendant fixes the estimate for the construction of the Gopálpur pier at Rs. 1,06,903, on the assumption that Rs. 1,24,000 will have been spent in the current year (out of a total grant of Rs. 2,30,903 for the work). But the Public Works department expect that only Rs. 1,00,000 will have been so expended, and accordingly raise the estimate for 1886-87 to Rs. 1,30,903. The Master Attendant's provision for establishments, tools and plant—viz., Rs. 29,610—has also been proportionately raised by the Public Works department to Rs. 31,417. A sum of Rs. 1,62,320 will accordingly be provided under this head.

	Civil Officers.	Public Works Officers.	Total.
	Rs.	Rs.	Rs.
1885-86	27,955	..	27,955
1886-87	23,024	1,62,320	1,85,344

10. The total grant under Port Funds Act XII of 1875 will then stand at Rs. 3,96,000 as shown below :—

Years.		Marine.	Superannuation.	Public Works.	Total.
		Rs.	Rs.	Rs.	Rs.
1885-86		2,01,350	8,200	27,955	* 2,37,505
1886-87		2,04,856	5,800	1,85,344	3,96,000

* Exclusive of Rs. 6,500 sanctioned for the steam dredge at Cocanada.

11. The estimates, as above modified, are passed for inclusion in the budget estimates for 1886-87 as follows:—

Provincial Services.

	RS.
Receipts	6,000
Charges	39,000

Excluded Local Funds.

Receipts	6,32,000
Charges *	5,06,000

	RS.
* Act XII of 1875	3,96,000
Act VI of 1882	1,09,856
Act III of 1883	144
Total ..	5,06,000

(True Extract.)

W. WILSON,
Acting Chief Secretary.

To the Public Works department.
„ Master Attendant, Madras.
„ Accountant-General.

Exd. A. Raitt.

Order thereon No: 82 dated 11.1.86

Recorded with reference to G.O. No. 3088 M dt 30th Decr 1885.

I Sig Dm C

Govt. of {1885} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., 28th December 1885, No. 1641.

B No: 82 M dt 11th Jany 86

DECEMBER.

Budget Estimates.

Reviewing the — of the Marine department for 1886-87.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—the following papers:—

From J. H. TAYLOR, Esq., Lieut., R.N.R., Port Officer, Madras, to the Chief Secretary to Government, dated Madras, 15th October 1886, No. 9906.

I have the honor to submit the accompanying budget estimates of the Marine Department for the official year 1887-88:—

(1) Budget estimate of Port Fund receipts and charges.
(2) Do. Provincial do. do.

2. The estimated receipts for the year 1887-88 are (Rs. 3,88,000) three lakhs and eighty-eight thousand, and the charges (Rs. 2,23,979) two lakhs twenty-three thousand nine hundred and seventy-nine, and, as compared with the figures of the preceding year, stand as follows:—

		Estimates. Rs.		Actuals. Rs.
Receipts ..	1886-87	4,11,000	1883-84	4,50,340
	1887-88	3,88,000	1884-85	4,13,434
			1885-86	3,99,894
Charges ..	1886-87	3,96,000	1883-84	3,38,527
	1887-88	2,23,979	1884-85	3,34,838
			1885-86	4,20,149

3. The estimate of receipts has been based on the actuals of the past three years, the amount of port dues levied in the years 1883-84 and 1884-85 being proportionately abated owing to the present reduced rate of annas (3) three per ton charged on coasting steamers.

4. The charges show a large decrease of Rs. (1,72,021) one lakh seventy-two thousand and twenty-one, due chiefly to the inclusion in the estimate for 1886-87 of the cost of constructing a pier at the port of Gopálpur, and the charges in connection with the groyne extension work at Cocanada, which latter work has now passed into the hands of the Cocanada Groyne Extension Committee. The variations in the other items of expenditure are explained in the column of remarks.

5. The Harbour Dues Department having been transferred to the Harbour Trust Board from the 1st of June 1886, no provision has been made for it in the present budget.

6. The Provincial budget estimates of receipts and charges, as compared with those of 1886-87, stand thus:—

		Estimates. Rs.		Actuals. Rs.
Receipts ..	1886-87	6,000	1883-84	17,230
	1887-88	5,000	1884-85	15,278
			1885-86	15,239
Charges ..	1886-87	19,500	1883-84	8,139
	1887-88	38,300	1884-85	16,186
			1885-86	16,323

7. The estimate of receipts, which represents the pilotage collections at Pámban and Cochin, has been fixed on the ayerage net receipts of the past three years, after deducting the amount transferred at the close of each official year to the credit of Port funds.

8. The estimated charges are set down at Rs. (38,300) thirty-eight thousand and three hundred, and deducting from it Rs. (3,800) three thousand and eight hundred,

provided for the S.S. *Margaret Northcote*, which is maintained by the Revenue Department for the pearl fishery operations, there is a sum of Rs. (34,500) thirty-four thousand and five hundred left for Provincial establishments. This shows a large increase over the preceding year's charges of Rs. (18,800) eighteen thousand and eight hundred, and is owing to a sum of Rs. (17,474) seventeen thousand four hundred and seventy-four having been provided to meet the cost of a patent dredger for the Pámban dredging operations, and Rs. (1,404) one thousand four hundred and four on account of an additional boat's crew sanctioned for the establishment of the Agent for Government Consignments.

From J. H. TAYLOR, Esq., Lieut., R.N.R., Port Officer, Madras, to the Secretary to Government, Public Works Department, dated Madras, 15th October 1886, No. 9885.

I have the honor to submit the Port Fund budget estimate for marine works and repairs for the official year 1887-88.

No. 3668-C.

Transferred to the Marine Department. No works entered in the lists are to be carried out by the Public Works Department.

(Signed) J. O. HASTED, Col., R.E.,
Secretary to Govt., P.W.D.

20*th October* 1886.

Order—dated 27th December 1886, No. 1366, Financial.

The budget estimates of the Marine Department for 1887-88 are submitted to Government with the letters read above.

Years.	Total Pilotage collections.	Transferred to Port Funds.	Net Provincial Receipts.
	Rs.	Rs.	Rs.
1880-81	16,361	..	16,361
1881-82	22,718	{ 13,626 / 4,300 }	4,792
1882-83	18,558	13,247	5,311
1883-84	15,080	9,634	5,446
1884-85	13,539	8,472	5,067
1885-86	13,471	9,452	4,019
1886-87	..	..	6,000
1887-88	..	..	5,000

2. Provincial Services—Receipts. *XVIII, Marine.*—The pilotage collections at the ports of Pámban and Cochin are estimated at Rs. 5,000, excluding the surplus over expenditure transferred to Port Funds under G.O., Financial, No. 24, dated 6th January 1882. Subject to the remarks made below regarding the charges under "*Pilotage, Pilot Establishments and Vessels*," the estimate is accepted.

3. Expenditure.—21, *Marine*, "*Salaries and Allowances of Officers and Men afloat.*"—The actuals of 1885-86 are given as Rs. 2,974 against Rs. 6,573 in the Accountant-General's books. No explanation of the difference is given by the Port Officer, whose attention is drawn to paragraph 1 of G.O., Financial, No 1641, dated 28th December 1886, in which it was directed that an agreement should be effected between the two sets of accounts before submission of the budget to Government. The estimate for 1887-88 is Rs. 3,800, and more closely agrees with the actuals of previous years. It is accepted.

Years.	Grants.	Actuals.
	Rs.	Rs.
1881-82	7,160	3,475
1882-83	7,600	3,380
1883-84	4,600	3,049
1884-85	4,000	3,586
1885-86	4,000	6,573
1886-87	4,000	..
1887-88	3,800	..

4. *Purchase and Hire of Ships and Vessels.*—No grant will be necessary in the Marine budget on account of the Provincial share of the cost of the steamer now under provision by the Government of India, as the charges will be met, in the first instance, from *Imperial* funds, and subsequently recovered from *Provincial* and *Local* by special adjustment (G.O., Marine, No. 319, dated 18th June 1886).

5. *Miscellaneous—Pilotage, Pilot Establishments and Vessels.*—A grant of Rs. 23,600 is asked for under this head. Of this amount a sum of Rs. 17,474 is said to be on account of a patent dredger for the Pámban dredging operations, but as it has

since been ascertained that the cost of the machinery will exceed £12,000, and the Secretary of State has been requested to suspend operations till further information has been obtained, the provision will be struck out for the present. The question as to whether the cost should be borne by Provincial Services at all will be further considered hereafter. Port Funds have received credit for all the surplus pilotage collections at Pámban, and Cochin, amounting to Rs. 58,731 between 1881-82 and 1885-86, and as this arrangement was sanctioned on the distinct understanding that the Port Fund should undertake all work legitimately chargeable against pilotage fees, a considerable portion of the cost of the dredger will probably have to be met from Port Funds. The remainder of the provision under this head, Rs. 6,126, is on account of the pilotage establishments in Pámban and Cochin. Of this sum Rs. 1,630 are for *contingencies* at Pámban, though the actuals of 1885-86 amounted to only Rs. 12. A provision of Rs. 600 is also made in the budget under *Rents*, *Rates*, and *Taxes* without any actual expenditure for several years past. These excesses will be struck out, and the estimate passed for Rs. 5,000 in round numbers, the amount entered on the receipt side.

G.O., Marine, No. 618, dated 11th Nov. 1886.

6. *Marine Establishments.*—The establishment of the "Agent for Shipping and Landing Government Consignments," the cost of which was transferred from Port Funds to Provincial in 1883-84, has since been largely increased from time to time as shown below :—

No.	Establishment.	Rate of pay per mensem.	Cost per annum.	Government Order, Marine Dept. No. and Date.	Purpose for which increase was sanctioned.
		Rs.	Rs.		
1	Clerk	30	804	No. 421, 16th Aug. 1883 .	Original establishment for landing and shipping Government consignments, surveying ships and stores, &c.
2	Conicopillays	15			
1	Peon	7			
4	European or Eurasian tally clerks.	50	2,400	Mis. No. 357, 9th Aug. 1884	For tallying and inspecting Government cargo and granting receipts to ship-owners.
2	Conicopillays	{ 12 / 10 }	264	Mis. No. 396, 5th Sept. 1884	In consequence of the transfer of two men paid from Port funds to Harbour Works.
2	Tally clerks	50	1,644	{ No. 70, 21st Feb. 1885 . / ,, 350, 25th Aug. ,,	To enable the establishment to cope with the additional work in connection with the influx of State Railway stores from England.
1	Correspondence clerk ..	17			
2	Conicopillays	10			
1	Tindal	12	1,404	No. 773, 6th Aug. 1886, Finl.	Crew for working the new Masulah boat constructed for the readier performance of the Agent's duties afloat.
10	Boatmen	10			
1	Boy	5			
23	Total increase ..	..	5,712		
27	Total cost of establishment as in the budget.	..	6,516		

7. When the establishment was first transferred, it was understood * that a certain percentage of the value of stores landed on behalf of Native States and State Railways would be recovered from those concerned as a set off against the charges debited to Provincial. The large increase of establishment sanctioned, first temporarily and then permanently, in February and August 1885, was entirely on account of the heavy influx of State Railway materials. But, as far as Government are aware, no recoveries appear to have been credited to Provincial for services rendered. The Port Officer will report, as early as possible, in communication with the Accountant-General, the amount now to be recovered. The total estimated expenditure under this head has increased from Rs. 5,000 in 1884-85 to Rs. 10,900 in 1887-88. Rs. 10,200 will be passed for inclusion in the budget.

* *Vide* Master Attendant's letter in G.O., Marine, No. 421, dated 16th August 1883, and G.O., No. 866, dated 22nd April 1884.

8. The grant for 1887-88 under 21, *Marine—Provincial*, will then stand at Rs. 19,000 as in the current year.

9. EXCLUDED LOCAL FUNDS.—The transactions in connection with harbour dues, under Act VI of 1882, have been removed from the Government accounts in consequence of the passing of Madras Act II of 1886, and the balance at the credit of the fund, viz., Rs. 5,46,279, on 30th June 1886, paid over to the Harbour Trust Board.

10. The receipts and expenditure under Port Funds (Acts XII of 1875 and III of 1883) during the last five years compare as follows with the estimates of the current and ensuing years:—

Years.	Receipts.	Charges.	Balance to credit of the fund.
	RS.	RS.	RS.
1881-82	3,67,552	4,05,709	6,35,468
1882-83	4,15,759	3,09,028	7,42,199
1883-84	4,65,105	3,69,026	8,38,278
1884-85	4,21,895	3,05,011	9,55,162
1885-86	3,99,894	4,20,149	9,34,907
1886-87	4,11,000	3,96,000	9,49,907
1887-88	3,88,000	2,23,979	11,13,928

11. The decrease in the estimated receipts for 1887-88 is attributed to the reduction in the coasting rate of port dues from 4½ to 3 annas, which came into force in 1885-86.

12. On the expenditure side there is a decrease of Rs. 1,62,320 under Public Works due to special provision having been made in the current year for the completion of the Gopálpur pier. Under Establishment Charges an increase over the grant of the current year of Rs. 14,000 is chiefly due to the appointment of a special dredging officer on Rs. 525 per mensem, and to provision being made for payment to Provincial of half the cost of the Marine Police establishment. Half the cost of clothing and other contingent charges incurred in connection with the latter should also be paid from Port Funds.

13. The programme of Public Works to be executed by the Marine Department in 1887-88, costing Rs. 2,047, is approved.

14. A sum of Rs. 1,50,000 will be provided for incidental expenses during the course of the year, *e.g.*, cost of a Government steamer, a patent dredger, contribution to Harbour Trust Funds, &c., and the grant for 1887-88 fixed at Rs. 3,74,000 in round numbers.

15. The estimate, as above modified, will stand as follows:—

	Receipts.	Charges.
	RS.	RS.
Provincial—		
Marine	5,000	19,000
Port Funds	3,88,000	3,74,000

(True Extract.)

H. E. STOKES,
Ag. Chief Secretary.

To the Port Officer, Madras.
" Accountant-General.
" Public Works Department.

Exd. T. O'Connor.

B. No 99 Way 12 Jany/87

Recorded.

Govt. of {1886} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., 27th Dec. 1886, No. 1366.

B. No 99 Way 12-1-87

DECEMBER.

Budget.

Reviewing the estimates of the Marine Department for 1887-88.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—the following papers :—

From J. H. TAYLOR, Esq., Lieut., R.N.R., Port Officer, Madras, to the Chief Secretary to Government, dated Madras, 15th October 1886, No. 9906.

I have the honor to submit the accompanying budget estimates of the Marine Department for the official year 1887-88 :—

(1) Budget estimate of Port Fund receipts and charges.
(2) Do. Provincial do. do.

2. The estimated receipts for the year 1887-88 are (Rs. 3,88,000) three lakhs and eighty-eight thousand, and the charges (Rs. 2,23,979) two lakhs twenty-three thousand nine hundred and seventy-nine, and, as compared with the figures of the preceding year, stand as follows :—

		Estimates. RS.		Actuals. RS.
Receipts ..	1886-87	4,11,000	1883-84	4,50,340
	1887-88	3,88,000	1884-85	4,13,434
			1885-86	3,99,894
Charges ..	1886-87	3,96,000	1883-84	3,38,527
	1887-88	2,23,979	1884-85	3,34,838
			1885-86	4,20,149

3. The estimate of receipts has been based on the actuals of the past three years, the amount of port dues levied in the years 1883-84 and 1884 85 being proportionately abated owing to the present reduced rate of annas (3) three per ton charged on coasting steamers.

4. The charges show a large decrease of Rs. (1,72,021) one lakh seventy-two thousand and twenty-one, due chiefly to the inclusion in the estimate for 1886-87 of the cost of constructing a pier at the port of Gopálpur, and the charges in connection with the groyne extension work at Cocanada, which latter work has now passed into the hands of the Cocanada Groyne Extension Committee. The variations in the other items of expenditure are explained in the column of remarks.

5. The Harbour Dues Department having been transferred to the Harbour Trust Board from the 1st of June 1886, no provision has been made for it in the present budget.

6. The Provincial budget estimates of receipts and charges, as compared with those of 1886-87, stand thus :—

		Estimates. RS.		Actuals. RS.
Receipts ..	1886-87	6,000	1883-84	17,230
	1887-88	5,000	1884-85	15,278
			1885-86	15,239
Charges ..	1886-87	19,500	1883-84	8,139
	1887-88	38,300	1884-85	16,186
			1885-86	16,323

7. The estimate of receipts, which represents the pilotage collections at Pámban and Cochin, has been fixed on the average net receipts of the past three years, after deducting the amount transferred at the close of each official year to the credit of Port funds.

8. The estimated charges are set down at Rs. (38,300) thirty-eight thousand and three hundred, and deducting from it Rs. (3,800) three thousand and eight hundred,

provided for the S.S. *Margaret Northcote*, which is maintained by the Revenue Department for the pearl fishery operations, there is a sum of Rs. (34,500) thirty-four thousand and five hundred left for Provincial establishments. This shows a large increase over the preceding year's charges of Rs. (18,800) eighteen thousand and eight hundred, and is owing to a sum of Rs. (17,474) seventeen thousand four hundred and seventy-four having been provided to meet the cost of a patent dredger for the Pámban dredging operations, and Rs. (1,404) one thousand four hundred and four on account of an additional boat's crew sanctioned for the establishment of the Agent for Government Consignments.

From J. H. TAYLOR, Esq., Lieut., R.N.R., Port Officer, Madras, to the Secretary to Government, Public Works Department, dated Madras, 15th October 1886, No. 9885.

I have the honor to submit the Port Fund budget estimate for marine works and repairs for the official year 1887-88.

No. 3668-C.

Transferred to the Marine Department. No works entered in the lists are to be carried out by the Public Works Department.

(Signed) J. O. HASTED, Col., R.E.,
Secretary to Govt., P.W.D.

20th October 1886.

ORDER—dated 27th December 1886, No. 1366, Financial.

The budget estimates of the Marine Department for 1887-88 are submitted to Government with the letters read above.

Years.	Total Pilotage collections.	Transferred to Port Funds.	Net Provincial Receipts.
	RS.	RS.	RS.
1880-81	16,361	..	16,361
1881-82	22,718	13,626 + 4,300	4,792
1882-83	18,558	13,247	5,311
1883-84	15,080	9,634	5,446
1884-85	13,539	8,472	5,067
1885-86	13,471	9,452	4,019
1886-87	..	..	6,000
1887-88	..	..	5,000

2. PROVINCIAL SERVICES—RECEIPTS. *XVIII, Marine.*—The pilotage collections at the ports of Pámban and Cochin are estimated at Rs. 5,000, excluding the surplus over expenditure transferred to Port Funds under G.O., Financial, No. 24, dated 6th January 1882. Subject to the remarks made below regarding the charges under "*Pilotage, Pilot Establishments and Vessels*," the estimate is accepted.

3. EXPENDITURE.—21, *Marine*, "*Salaries and Allowances of Officers and Men afloat.*"

Years.	Grants.	Actuals.
	RS.	RS.
1881-82	7,160	3,475
1882-83	7,600	3,380
1883-84	4,600	3,049
1884-85	4,000	3,586
1885-86	4,000	6,573
1886-87	4,000	..
1887-88	3,800	..

—The actuals of 1885-86 are given as Rs. 2,974 against Rs. 6,573 in the Accountant-General's books. No explanation of the difference is given by the Port Officer, whose attention is drawn to paragraph 1 of G.O., Financial, No 1641, dated 28th December 1886, in which it was directed that an agreement should be effected between the two sets of accounts before submission of the budget to Government. The estimate for 1887-88 is Rs. 3,800, and more closely agrees with the actuals of previous years. It is accepted.

4. *Purchase and Hire of Ships and Vessels.*—No grant will be necessary in the Marine budget on account of the Provincial share of the cost of the steamer now under provision by the Government of India, as the charges will be met, in the first instance, from *Imperial* funds, and subsequently recovered from *Provincial* and *Local* by special adjustment (G.O., Marine, No. 319, dated 18th June 1886).

5. *Miscellaneous—Pilotage, Pilot Establishments and Vessels.*—A grant of Rs. 23,600 is asked for under this head. Of this amount a sum of Rs. 17,474 is said to be on account of a patent dredger for the Pámban dredging operations, but as it has

since been ascertained that the cost of the machinery will exceed £12,000, and the Secretary of State has been requested to suspend operations till further information has been obtained, the provision will be struck out for the present. The question as to whether the cost should be borne by Provincial Services at all will be further considered hereafter. Port Funds have received credit for all the surplus pilotage collections at Pámban, and Cochin, amounting to Rs. 58,731 between 1881-82 and 1885-86, and as this arrangement was sanctioned on the distinct understanding that the Port Fund should undertake all work legitimately chargeable against pilotage fees, a considerable portion of the cost of the dredger will probably have to be met from Port Funds. The remainder of the provision under this head, Rs. 6,126, is on account of the pilotage establishments in Pámban and Cochin. Of this sum Rs. 1,630 are for *contingencies* at Pámban, though the actuals of 1885-86 amounted to only Rs. 12. A provision of Rs. 600 is also made in the budget under *Rents*, *Rates*, and *Taxes* without any actual expenditure for several years past. These excesses will be struck out, and the estimate passed for Rs. 5,000 in round numbers, the amount entered on the receipt side.

G.O., Marine, No. 618, dated 11th Nov. 1886.

6. *Marine Establishments.*—The establishment of the "Agent for Shipping and Landing Government Consignments," the cost of which was transferred from Port Funds to Provincial in 1883-84, has since been largely increased from time to time as shown below :—

No.	Establishment.	Rate of pay per mensem.	Cost per annum.	Government Order, Marine Dept. No. and Date.	Purpose for which increase was sanctioned.
		RS.	RS		
1	Clerk	30	804	No. 421, 16th Aug. 1883	Original establishment for landing and shipping Government consignments, surveying ships and stores, &c.
2	Conicopillays	15			
1	Peon	7			
4	European or Eurasian tally clerks.	50	2,400	Mis. No. 357, 9th Aug. 1884	For tallying and inspecting Government cargo and granting receipts to ship-owners.
2	Conicopillays	12 + 10	264	Mis. No. 396, 5th Sept. 1884	In consequence of the transfer of two men paid from Port funds to Harbour Works.
2	Tally clerks	50	1,644	No. 70, 21st Feb. 1885 .	To enable the establishment to cope with the additional work in connection with the influx of State Railway stores from England.
1	Correspondence clerk ..	17		,, 350, 25th Aug. ,,	
2	Conicopillays	10			
1	Tindal	12	1,404	No. 773, 6th Aug. 1886, Finl.	Crew for working the new Masulah boat constructed for the readier performance of the Agent's duties afloat.
10	Boatmen	10			
1	Boy	5			
23	Total increase ..	..	5,712		
27	Total cost of establishment as in the budget.	..	6,516		

7 When the establishment was first transferred, it was understood * that a certain percentage of the value of stores landed on behalf of Native States and State Railways would be recovered from those concerned as a set off against the charges debited to Provincial. The large increase of establishment sanctioned, first temporarily and then permanently, in February and August 1885, was entirely on account of the heavy influx of State Railway materials. But, as far as Government are aware, no recoveries appear to have been credited to Provincial for services rendered. The Port Officer will report, as early as possible, in communication with the Accountant-General, the amount now to be recovered. The total estimated expenditure under this head has increased from Rs. 5,000 in 1884-85 to Rs. 10,900 in 1887-88. Rs. 10,200 will be passed for inclusion in the budget.

* *Vide* Master Attendant's letter in G.O., Marine, No. 421, dated 16th August 1883, and G.O., No. 866, dated 22nd April 1884.

8. The grant for 1887-88 under 21, *Marine—Provincial*, will then stand at Rs. 19,000 as in the current year.

9. EXCLUDED LOCAL FUNDS.—The transactions in connection with harbour dues, under Act VI of 1882, have been removed from the Government accounts in consequence of the passing of Madras Act II of 1886, and the balance at the credit of the fund, viz., Rs. 5,46,279, on 30th June 1886, paid over to the Harbour Trust Board.

10. The receipts and expenditure under Port Funds (Acts XII of 1875 and III of 1883) during the last five years compare as follows with the estimates of the current and ensuing years:—

Years.	Receipts.	Charges.	Balance to credit of the fund.
	RS.	RS.	RS.
1881-82	3,67,552	4,05,709	6,35,468
1882-83	4,15,759	3,09,028	7,42,199
1883-84	4,65,105	3,69,026	8,38,278
1884-85	4,21,895	3,05,011	9,55,162
1885-86	3,99,894	4,20,149	9,34,907
1886-87	4,11,000	3,96,000	9,49,907
1887-88	3,88,000	2,23,979	11,13,928

11. The decrease in the estimated receipts for 1887-88 is attributed to the reduction in the coasting rate of port dues from 4½ to 3 annas, which came into force in 1885-86.

12. On the expenditure side there is a decrease of Rs. 1,62,320 under Public Works due to special provision having been made in the current year for the completion of the Gopálpur pier. Under Establishment Charges an increase over the grant of the current year of Rs. 14,000 is chiefly due to the appointment of a special dredging officer on Rs. 525 per mensem, and to provision being made for payment to Provincial of half the cost of the Marine Police establishment. Half the cost of clothing and other contingent charges incurred in connection with the latter should also be paid from Port Funds.

13. The programme of Public Works to be executed by the Marine Department in 1887-88, costing Rs. 2,047, is approved.

14. A sum of Rs. 1,50,000 will be provided for incidental expenses during the course of the year, *e.g.*, cost of a Government steamer, a patent dredger, contribution to Harbour Trust Funds, &c., and the grant for 1887-88 fixed at Rs. 3,74,000 in round numbers.

15. The estimate, as above modified, will stand as follows:—

	Receipts.	Charges.
	RS.	RS.
Provincial—		
Marine	5,000	19,000
Port Funds	3,88,000	3,74,000

(True Extract.)

H. Stokes

Ag. Chief Secretary.

To the Port Officer, Madras.
" Accountant-General.
" Public Works Department.

Exd. T. O'Connor.

18xl

Govt. of {1886} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., 27th Dec. 1886, No. 1366.

DECEMBER.

Budget.

Reviewing the estimates of the Marine Department for 1887-88.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—the following papers :—

From J. H. TAYLOR, Esq., Lieut., R.N.R., Port Officer, Madras, to the Chief Secretary to Government, dated Madras, 15th October 1886, No. 9906.

I have the honor to submit the accompanying budget estimates of the Marine Department for the official year 1887-88 :—

(1) Budget estimate of Port Fund receipts and charges.
(2) Do. Provincial do. do.

2. The estimated receipts for the year 1887-88 are (Rs. 3,88,000) three lakhs and eighty-eight thousand, and the charges (Rs. 2,23,979) two lakhs twenty-three thousand nine hundred and seventy-nine, and, as compared with the figures of the preceding year, stand as follows :—

		Estimates. RS.		Actuals. RS.
Receipts ..	1886-87	4,11,000	1883-84	4,50,340
	1887-88	3,88,000	1884-85	4,13,434
			1885-86	3,99,894
Charges ..	1886-87	3,96,000	1883-84	3,38,527
	1887-88	2,23,979	1884-85	3,34,838
			1885-86	4,20,149

3. The estimate of receipts has been based on the actuals of the past three years, the amount of port dues levied in the years 1883-84 and 1884-85 being proportionately abated owing to the present reduced rate of annas (3) three per ton charged on coasting steamers.

4. The charges show a large decrease of Rs. (1,72,021) one lakh seventy-two thousand and twenty-one, due chiefly to the inclusion in the estimate for 1886-87 of the cost of constructing a pier at the port of Gopálpur, and the charges in connection with the groyne extension work at Cocanada, which latter work has now passed into the hands of the Cocanada Groyne Extension Committee. The variations in the other items of expenditure are explained in the column of remarks.

5. The Harbour Dues Department having been transferred to the Harbour Trust Board from the 1st of June 1886, no provision has been made for it in the present budget.

6. The Provincial budget estimates of receipts and charges, as compared with those of 1886-87, stand thus :—

		Estimates. RS.		Actuals. RS.
Receipts ..	1886-87	6,000	1883-84	17,230
	1887-88	5,000	1884-85	15,278
			1885-86	15,239
Charges ..	1886-87	19,500	1883-84	8,139
	1887-88	38,300	1884-85	16,186
			1885-86	16,323

7. The estimate of receipts, which represents the pilotage collections at Pámban and Cochin, has been fixed on the average net receipts of the past three years, after deducting the amount transferred at the close of each official year to the credit of Port funds.

8. The estimated charges are set down at Rs. (38,300) thirty-eight thousand and three hundred, and deducting from it Rs. (3,800) three thousand and eight hundred,

provided for the S.S. *Margaret Northcote*, which is maintained by the Revenue Department for the pearl fishery operations, there is a sum of Rs. (34,500) thirty-four thousand and five hundred left for Provincial establishments. This shows a large increase over the preceding year's charges of Rs. (18,800) eighteen thousand and eight hundred, and is owing to a sum of Rs. (17,474) seventeen thousand four hundred and seventy-four having been provided to meet the cost of a patent dredger for the Pámban dredging operations, and Rs. (1,404) one thousand four hundred and four on account of an additional boat's crew sanctioned for the establishment of the Agent for Government Consignments.

From J. H. TAYLOR, Esq., Lieut., R.N.R., Port Officer, Madras, to the Secretary to Government, Public Works Department, dated Madras, 15th October 1886, No. 9885.

I have the honor to submit the Port Fund budget estimate for marine works and repairs for the official year 1887-88.

No. 3668-C.

Transferred to the Marine Department. No works entered in the lists are to be carried out by the Public Works Department.

(Signed) J. O. HASTED, Col., R.E.,
Secretary to Govt., P.W.D.

20th October 1886.

Order—dated 27th December 1886, No. 1366, Financial.

The budget estimates of the Marine Department for 1887-88 are submitted to Government with the letters read above.

2. Provincial Services—Receipts. *XVIII, Marine.*—The pilotage collections at the ports of Pámban and Cochin are estimated at Rs. 5,000, excluding the surplus over expenditure transferred to Port Funds under G.O., Financial, No. 24, dated 6th January 1882. Subject to the remarks made below regarding the charges under "*Pilotage, Pilot Establishments and Vessels*," the estimate is accepted.

Years.	Total Pilotage collections.	Transferred to Port Funds.	Net Provincial Receipts.
	Rs.	Rs.	Rs.
1880-81	16,361	..	16,361
1881-82	22,718	13,626 + 4,300	4,792
1882-83	18,558	13,247	5,311
1883-84	15,080	9,634	5,446
1884-85	13,539	8,472	5,067
1885-86	13,471	9,452	4,019
1886-87	..	..	6,000
1887-88	..	..	5,000

3. Expenditure.—21, *Marine*, "*Salaries and Allowances of Officers and Men afloat.*"—The actuals of 1885-86 are given as Rs. 2,974 against Rs. 6,573 in the Accountant-General's books. No explanation of the difference is given by the Port Officer, whose attention is drawn to paragraph 1 of G.O., Financial, No 1641, dated 28th December 1886, in which it was directed that an agreement should be effected between the two sets of accounts before submission of the budget to Government. The estimate for 1887-88 is Rs. 3,800, and more closely agrees with the actuals of previous years. It is accepted.

Years.	Grants.	Actuals.
	Rs.	Rs.
1881-82	7,160	3,475
1882-83	7,600	3,380
1883-84	4,600	3,049
1884-85	4,000	3,586
1885-86	4,000	6,573
1886-87	4,000	..
1887-88	3,800	..

4. *Purchase and Hire of Ships and Vessels.*—No grant will be necessary in the Marine budget on account of the Provincial share of the cost of the steamer now under provision by the Government of India, as the charges will be met, in the first instance, from *Imperial* funds, and subsequently recovered from *Provincial* and *Local* by special adjustment (G.O., Marine, No. 319, dated 18th June 1886).

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(True Extract.)

H. E. STOKES,
Ag. Chief Secretary.

To the Port Officer, Madras.
„ Accountant-General.
„ Public Works Department.

Exd. T. O'Connor.