

- (1) பக்கங்களின் எண்ணிக்கை 60
 (2) புதுக்கித் திருப்பிய நாள் 1/89
 (3) ஆதாரங்குறிப்பவர் கருக்கொப்பம் 60/89

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	4015 W 4015AN	அச்சகம் பலவகை
நாள் :	22. 12. 1888	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

4015
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following papers:—

From the Superintending Engineer,	I Circle, dated 13th Oct. 1888, No. 418 G.L.
"	" II " " 1st " " (Three statements.)
"	" III " " 2nd " " (Two statements.)
"	" IV " " 1st " " No. 422 E.W.
"	" V " " 23rd " " 3162.
"	" V " " 23rd " " 3163.
"	" V " " 23rd " " 3169.
"	" VI " " 24th Sept. " " 3170.
"	" VI " " 24th " " 1482 T.J.
From the Consulting Architect to Government	" 9th Oct. " " 1483 T.J.
Proceedings of Government, Revenue Department	" 20th Nov. " " 1041.
	" " " " 805.

ORDER—dated 22nd December 1888, No. 4015 W., Public Works.

Ordered that the preliminary issues of the Incorporated and Excluded Local Fund budget estimates for works to be carried out by the Public Works Department during 1889-90 be printed and circulated to the officers concerned for information and guidance, and four copies forwarded to the Government of India.

2. A list of works under Act V of 1884 proposed by the Superintending Engineers concerned has been forwarded to the Local and Municipal Department; but as the approval of Government in that department has not yet been received, and as the budget estimates should reach the Government of India before the 15th proximo, the works as proposed by the Superintending Engineers have been adopted in the budget, subject to modification if necessary, in the final issue.

3. The works under Canal and Ferry Funds and the grants proposed for them have been approved in the Revenue Department, and the necessary provision for them has been duly made in the Canal and Ferry Fund budget estimate for 1889-90 circulated with the Revenue Department Proceedings above recorded.

4. Funds have been provided by the Revenue Department for the construction of an aqueduct over the Chollangi river, although the work has not been brought forward by the Superintending Engineer, I Circle. As no estimate has been sanctioned for the work, the Superintending Engineer should expedite its submission.

5. A sum of Rs. 25,000 has been provided for the construction of a steam launch for the Rajahmundry ferry, but as no estimate has yet been received for the steamer which is now being put together at the Public Works Workshops, Dowlaishweram, the amount provided has been allowed to stand, subject to modification if necessary, on receipt of information from the Superintending Engineer, I Circle, as to the sum required for expenditure during 1889-90.

6. No provision has been made in the budget estimate under Excluded Local Funds for works to be carried out during 1889-90, as the Financial Department have decided in their Proceedings, No. 951,*
 * G.O., No. 4012 W., dated 21st. Dec. 1888. dated 19th December 1888, that the funds under that head will be held in reserve in that department and allotted as required.

7. The difference between the budget and the revised estimates for 1888-89 under Incorporated Local Funds is due to a sum of Rs. 14,715 having been surrendered to the Revenue Department for expenditure by that department, and that under Excluded Local Funds is due to funds having been provided during the year for incomplete works of 1887-88 and for new works found necessary.

(Here enter No. 4015-A W., dated 22nd December 1888.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
 Ag. Secretary to Govt., P.W.D.

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

ENDORSEMENT—dated 22nd December 1888, No. 4015-A W., Public Works.

Forwarded.

(Signed) H. R. MEAD, Colonel, R.E.,
 Ag. Secretary to Govt., P.W.D.

4015
 2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1888) Madras.

PUBLIC WORKS.

Dated December, 22nd.

Recd.

Encl.

G.O., 22nd Dec. 1888, Nos. 4015 W.,
4015-A W.

DECEMBER.

Incorporated and Excluded
Local Fund Budget Estimates
for 1889-90

Forwarding copies of preliminary issues
of the — for works to be carried out by the
Public Works Department.

PRELIMINARY ISSUE.

4015
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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

1889-90.

CHEPÂK,
22nd December 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

4015
R

INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF INCORPORATED LOCAL FUNDS PUBLIC WORKS REVENUE IN THE MADRAS PRESIDENCY FOR
THE YEAR 1889-90.

*Budget Estimate of the Revenue that will be realised by, and on account of Incorporated Local Funds of, the Public
Works Department for the year from 1st April 1889 to March 1890.*

	ACTUALS, 1887-88.	BUDGET ESTIMATE, 1888-89.	BUDGET ESTIMATE, 1889-90.
	Rs.	Rs.	Rs.
Realised in the Public Works Department	5,261	4,000	4,500
Total ...	5,261	4,000	4,500

CHARGES.

MADRAS.

INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF EXPENDITURE FROM INCORPORATED LOCAL FUNDS ON PUBLIC WORKS IN THE MADRAS
PRESIDENCY FOR THE YEAR 1889-90.Abstract of the Estimated Charges from Incorporated Local Funds on Public Works in the Madras Presidency from
1st April 1889 to March 1890.

	ACTUALS, 1887-88.	BUDGET ESTIMATE, 1888-89.	BUDGET ESTIMATE, 1889-90.
	Rs.	Rs.	Rs.
ORIGINAL WORKS.			
Civil Buildings	...	...	...
Communications	1,33,599	77,475	4,000
Miscellaneous Public Improvements	909	...	...
Total ...	1,34,508	77,475	4,000
REPAIRS.			
Civil Buildings	...	...	...
Communications	23,709	22,508	21,880
Miscellaneous Public Improvements	...	...	...
Total ...	23,709	22,508	21,880
TOTAL, WORKS AND REPAIRS.			
Civil Buildings	...	...	...
Communications	1,57,308	99,983	25,880
Miscellaneous Public Improvements	909	...	...
Total ...	1,58,217	99,983	25,880
Establishment	55,469	36,149	20,179
Tools and Plant	2,080	67,868	25,396
Grand Total ...	2,15,766	2,04,000	71,455

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INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

ABSTRACT OF GRANTS ASSIGNED BY FUNDS.

	FUNDS TO WHICH GRANTS FOR 1889-90 ARE CHARGEABLE.					REVISED ESTIMATE, 1888-89.
	Local Funds under Act V of 1884.	Lodging Police Fund.	Canal and Ferry Fund.	Jungle Conservancy Fund.	Total, 1889-90.	Rs.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
ORIGINAL WORKS.						
Civil Buildings	...	...	...	...	...	...
Communications	...	...	4,000	...	4,000	73,657
Miscellaneous Public Improvements	...	...	...	...	...	...
Total ...	...	...	4,000	...	4,000	73,657
REPAIRS.						
Civil Buildings	...	...	...	...	...	...
Communications	16,840	...	5,040	...	21,880	24,136
Miscellaneous Public Improvements	...	...	...	...	...	...
Total ...	16,840	...	5,040	...	21,880	24,136
Total, Works and Repairs ...	16,840	...	9,040	...	25,880	97,793
Establishment	18,100	...	2,079	...	20,179	33,958
Tools and Plant	60	...	25,336	...	25,396	60,824
Grand Total ...	35,000	...	36,455	...	71,455	1,92,575

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INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

GOVERNMENT

LIST OF ORIGINAL WORKS PROPOSED TO BE CARRIED OUT

FUNDS.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	NAME OF WORK.	AMOUNT OF ESTI- MATE.
				COMMUNICATIONS. <i>Original Works.</i>	Rs.
Canal and Ferry Fund.	Godavari, East- ern.	...	1	Construction of an aqueduct over the Chollangi river.	...
				Total ...	...
				Total, Communications, Original Works.	...

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MADRAS.

4015
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OF MADRAS.

BY THE PUBLIC WORKS DEPARTMENT DURING 1889-90.

OUTLAY.		GRANT, 1889-90.		ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Amount.	Total.		
Rs.	Rs.	Rs.	Rs.		
...	...	4,000	...	1	Estimate is awaited.
...	...	4,000	4,000		
...	...	...	4,000		

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INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

GOVERNMENT OF MADRAS.

LIST OF REPAIRS PROPOSED TO BE CARRIED OUT BY THE PUBLIC WORKS
DEPARTMENT DURING 1889-90.

EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	NAME OF WORK.	GRANT, 1889-90.	TOTAL.	REMARKS.
			CANAL AND FERRY FUND.	Rs.	Rs.	
			Communications.			
			Repairs.			
Godavari, Eastern.	Bezvada	1	Repairs to the Kovur-Munjair junction canal.	5,000		
Kistna, Eastern.	Bezvada	2	Maintenance of ferry road	40	6,040	
			LOCAL FUNDS UNDER ACT V OF 1884.			
			Communications.			
			Repairs.			
Ganjam		3	Maintenance of 4 miles of Akka- Sraffa road.	400		
Kistna, Western.	Nizampatam.	4	Maintenance of canal left bank between Nandivelugu and Kuchipudi.	350		
Do.	Kistna right bank.	5	Maintenance of Kistna right bank between Epur and Mortola.	975		
Nellore	Nellore	6	Gravelling the Pennér anicut roadway.	600		
South Arcot	Chidambaram taluk.	7	Repairing a portion of road from Sintiatope to Omampalayoor passing over the Veeranam tank-bed, 9 miles, at Rs. 100 per mile.	900		
Do.	Do.	8	Repairing road on the Coleroon bank, 20 miles, at Rs. 100 per mile.	2,000		
Do.	Do.	9	Repairing road on the right bank of Khan Sahib's canal.	450		
Do.	Do.	10	Maintenance of Goverapet road.	90		
Do.	Cuddalore taluk.	11	Repairing road by Perumal tank bank, 10 miles (3 miles at Rs. 50 and 7 at Rs. 20 each).	290		
Trichinopoly	Trichinopoly and Udayar- palaiyam.	12	Road No. 20 from Sirudiyar to Sankarayan to lower anicut, 20 miles, at Rs. 50 per mile.	1,000		
Tanjore	Tanjore	13	Road along the right bank of Vennar from road No. 39 eastwards, 3 miles, at Rs. 50 per mile.	150		
Do.	Do.	14	Road No. 90 along the south bank of the Vennar, east of road No. 4 to Udaramangalam village, 2½ miles at Rs. 50 per mile.	210		
Do.	Do.	15	Road from road No. 39 to Haridwaramangalam, 6 miles, at Rs. 50 per mile.	300		
Do.	Do.	16	Road No. 6 from Railway to road No. 39 along the right bank of Vettar, 2½ miles, at Rs. 90 per mile.	225		
			Carried over ...	7,940		

INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

GOVERNMENT OF MADRAS.

LIST OF REPAIRS PROPOSED TO BE CARRIED OUT BY THE PUBLIC WORKS
DEPARTMENT DURING 1889-90—cont.

EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	NAME OF WORK.	GRANT, 1889-90.	TOTAL.	REMARKS.
				Rs.	Rs.	
			Brought forward ...	7,940		
			LOCAL FUNDS UNDER ACT V OF 1884—cont.			
			Communications—cont.			
			Repairs—cont.			
Tanjore	Tanjore	17	Road from Cauvery-Vennar Re- gulator to Pillay voikal, sluice No. 2, 1½ miles, at Rs. 35 per mile.	50		
Do.	Kumbakonam.	18	Road No. 12 from Anduthorai to Tranquebar, 3½ miles, at Rs. 50 per mile.	175		
Do.	Do.	19	Road No. 47 along the right bank of Thirumalarajanar from road No. 14 eastwards, 5½ miles, at Rs. 50 per mile.	275		
Do.	Do.	20	Road No. 70 along the Coleroon south bank from lower anicut to Anaikara Chattram, 1 to 7 miles inclusive, at Rs. 50 per mile.	350		
Do.	Do.	21	Road No. 70 along the south bank of Arasilár, 3½ miles, at Rs. 40 per mile.	130		
Do.	Máyavaram	22	Road No. 70 along the Coleroon south bank from lower anicut to Anaikara Chattram, 8th to 17th mile, at Rs. 50 per mile.	520		
Do.	Do.	23	Road No. 12 along Veerasholam right bank from Anduthorai to Tranquebar, 23 miles, at Rs. 75 per mile.	1,725		
Do.	Shiyáli	24	Road No. 70 along the Coleroon south bank from lower anicut to Anaikara Chattram, 18th to 28th mile, at Rs. 50 per mile.	530		
Do.	Do.	25	Road No. 70 along Coleroon south bank from lower anicut to Anaikara Chattram, 28th to 31st mile.	250		
Do.	Nannilam	26	Road No. 79 along Arasilár south bank, 12½ miles, at Rs. 50 per mile.	625		
Do.	Do.	27	Road No. 46 from Nagore to Kangalangery along the Vetár south bank to connect road No. 16 with No. 35, 4½ miles, at Rs. 60 per mile.	270		
Negapatam	Tiruturaipundi.	28	Road No. 51 from Maniyar along the south bank of the Hari- chand-nadi, 13½ miles, at Rs. 100 per mile.	1,340		
			Carried over ...	14,180		

INCORPORATED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

LIST OF REPAIRS PROPOSED TO BE CARRIED OUT BY THE PUBLIC WORKS
DEPARTMENT DURING 1889-90—*cont.*

EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	NAME OF WORK.	GRANT, 1889-90.	TOTAL.	REMARKS.
				Rs.	Rs.	
			Brought forward ...	14,180	...	
			LOCAL FUNDS UNDER ACT V OF 1884— <i>cont.</i>			
			Communications— <i>cont.</i>			
			Repairs— <i>cont.</i>			
Negapatam ...	Tiruturaipundi	29	Road No. 63 from No. 26 near Tiruturaipundi or from Ponani to Kullimodoo, 11½ miles.	1,270		
Do. ...	Mannargudi...	30	Road No. 61 from road No. 18 to Mullyar head and joining road No. 35 and thence to Thalamayar, 9 miles, at Rs. 75 per mile.	675		
Do. ...	Do. ...	31	Road No. 90 along the north bank of the Vennar from road No. 15 and joining No. 38, 5½ miles, at Rs. 60 per mile.	315		
Do. ...	Do. ...	32	Road along the left bank of the Korayar on road No. 23 to Mullyar head, 4 miles, at Rs. 40 per mile.	190		
Do. ...	Negapatam ...	33	Road No. 46 from Nagore to Kangalangery along the Vet- tar south bank.	210		
			Total, Local Funds under Act V of 1884, Communications, Repairs.	...	16,840	
			Total, Communications, Repairs.	...	21,880	
			CANAL AND FERRY FUND.			
			Tools and Plant (<i>Special</i>).			
Godavari, Eastern.		34	Construction of a steam launch for the Rajahmundry ferry.	25,000		
Do. ...		35	Repair of ferry boats on the Kovur-Munjair junction canal.	200		
			Total ...		25,200	

PRELIMINARY ISSUE.

4015
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EXCLUDED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

PUBLIC WORKS DEPARTMENT.

EXCLUDED LOCAL FUNDS BUDGET ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS,

FOR THE YEAR

1889-90.

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

CHEPARK,
22nd December 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

REVENUE.
EXCLUDED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF EXCLUDED LOCAL FUNDS PUBLIC WORKS REVENUE IN THE MADRAS PRESIDENCY
FOR THE YEAR 1889-90.

*Budget Estimate of Revenue that will be realised by, and on account of Excluded Local Funds of, the Public Works
Department in the Madras Presidency for the year from 1st April 1889 to 31st March 1890.*

	ACTUALS, 1887-88.	BUDGET ESTIMATE, 1888-89.	BUDGET ESTIMATE, 1889-90.
	Rs.	Rs.	Rs.
Realised in the Public Works Department	...	15	20
Total ...	...	15	20

EXCLUDED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

CHARGES.

MADRAS.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF EXPENDITURE FROM EXCLUDED LOCAL FUNDS ON PUBLIC WORKS IN THE MADRAS
PRESIDENCY FROM 1st APRIL 1889 TO 31st MARCH 1890.

Abstract of Estimated Charges from Local Funds on Public Works in the Madras Presidency from 1st April 1889
to 31st March 1890.

	ACTUALS, 1887-88.	BUDGET ESTIMATE, 1888-89.	BUDGET ESTIMATE, 1889-90.
	Rs.	Rs.	Rs.
ORIGINAL WORKS.			
Civil Buildings	381	5,000	...
Communications	...	...	...
Miscellaneous Public Improvements	67,756	17,960	...
Total ...	68,137	22,960	...
REPAIRS.			
Civil Buildings	3,583	...	...
Communications	...	...	...
Miscellaneous Public Improvements	10,470	...	...
Total ...	14,053	...	...
TOTAL, WORKS AND REPAIRS.			
Civil Buildings	3,964	5,000	...
Communications	...	...	...
Miscellaneous Public Improvements	78,226	17,960	...
Total ...	82,190	22,960	...
Establishment	4,793	5,280	...
Tools and Plant	310	345	...
Grand Total ...	87,293	28,585	...

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EXCLUDED LOCAL FUNDS.
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

ABSTRACT OF GRANTS ASSIGNED BY FUNDS.

	FUNDS TO WHICH THE GRANT FOR 1889-90 ARE CHARGEABLE.			REVISED ESTIMATE, 1888-89.
	Municipal.	Port Fund.	Totals, 1889-90.	
	Rs.	Rs.	Rs.	Rs.
ORIGINAL WORKS.				
Civil Buildings	...	...	...	...
Communications	...	...	...	...
Miscellaneous Public Improvements	...	...	...	59,105
Total ...	...	...	...	...
REPAIRS.				
Civil Buildings	...	...	...	1,008
Communications	...	...	...	...
Miscellaneous Public Improvements	...	...	...	6,918
Total ...	...	...	...	7,926
Total, Works and Repairs ...	...	...	...	67,031
Establishment	...	...	...	7,686
Tools and Plant	...	...	...	503
Grand Total ...	...	...	...	75,220

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Preliminary Series.

14015
11

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

1889-90

Lehapat

December 1888

M. M. M. Colonel R. S.

By Secretary to Govt. P. W. D.

Incorporated Local Funds

Public Works Budget Estimate

Madras

Government of Madras

Budget Estimate of Incorporated Local Funds Public Works Revenue in the
Madras Presidency for the years 1889-90.

Budget Estimate of the Revenue that will be realized by and on account of
Incorporated Local Funds of the Public Works Dept. for the years from 1st
April 1889 to March 1890

Actuals	Budget Estimate	Budget Estimate
1887-88	1888-89	1889-90
Rs.	Rs.	Rs.

Realised in the Public Works Department

5,261

4,000

4,500

Charges		Madras	
Incorporated Local Funds		Government of Madras	
Public Works Budget Estimate		Abstract of Grants Assigned by Funds	
Budget Estimate of Expenditure from Incorporated Local Funds on Public Works in the Madras Presidency for the year 1889-90		Funds to which Grants for 1889-90 are chargeable	
Abstract of the Estimated Charges from Incorporated Local Funds on Public Works in the Madras Presidency from 1st April 1889 to 31st March 1890		1887-88	1888-89
		Rs.	Rs.
Original Works			
Civil Buildings	✓		
Communications	✓	133,579	77,475
Miscellaneous Public Improvements	✓	909	
Total	✓	134,508	77,475
Repairs			
Civil Buildings	✓		
Communications	✓	23,709	22,508
Miscellaneous Public Improvements	✓		
Total	✓	23,709	22,508
Total, Works and Repairs			
Civil Buildings	✓		
Communications	✓	157,308	99,983
Miscellaneous Public Improvements	✓	909	
Total	✓	158,217	99,983
Establishment			
Tools and Plant	✓	55,069	31,149
Total	✓	55,069	31,149
Grand Total			
	✓	2,15,766	2,04,000

Incorporated Local Funds		Madras	
Public Works Budget Estimate		Government of Madras	
Abstract of Grants Assigned by Funds		Funds to which Grants for 1889-90 are chargeable	
		1887-88	1888-89
		Rs.	Rs.
Original Works			
Civil Buildings	✓		
Communications	✓	4,000	4,000
Miscellaneous Public Improvements	✓		
Total	✓	4,000	4,000
Repairs			
Civil Buildings	✓		
Communications	✓	16,840	5,040
Miscellaneous Public Improvements	✓		
Total	✓	16,840	5,040
Total, Works and Repairs			
	✓	16,840	9,040
Establishment			
Tools and Plant	✓	18,100	2,079
Total	✓	18,100	2,079
Grand Total			
	✓	36,000	21,455

Incorporated Local Funds
Public Works Budget Estimate

Government

List of original works proposed to be carried

Division	Locality	Name of work	Amount of estimate
----------	----------	--------------	--------------------

Communications

Original Works

Land and
Ferry Fund

Construction of an aqueduct over the
Chollangi river

Total

Total Communications Original Works

of Madras

out by the Public Works Department during 1889-90

Outlay Grant 1889-90

Actual to end of 1887-88	Probable during 1888-89	Amount Total	Item	Remarks and References
--------------------------	-------------------------	--------------	------	------------------------

4,000

1 Estimate is awaited.

4,000

4,000

4,000

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Madras

4

Incorporated Local Funds
Public Works Budget Estimate

Government of Madras

List of Repairs proposed to be carried out by the Public Works
Department during 1889-90

Division	Locality	Name of Work	Grant 1889-90	Total Revenue
		Canal and Ferry Fund.		
		Communications		
		Repairs.		
South Arcot	Chidambaram	Repairs to the Korum Mungur junction canal	5,000	
South Arcot	Bezuvada	Maintenance of ferry road	40	5,040
		Local Funds under Act V of 1884		
		Communications.		
		Repairs.		
South Arcot		Maintenance of 4 miles of Akko Luradu road	400	
South Arcot	Nagampalam	Maintenance of Canal left bank between Kandi-chyga and Kuchipudi	350	
South Arcot	Kistna right bank	Maintenance of Kistna right bank between Eper and Abootota	975	
South Arcot	Kellore	Gravelling the Pinner's Ancient roadway	600	
South Arcot	Chidambaram	Repairing a portion of road from Sha katpe to Annampulayoor passing near the Varanam Tank Bund 9 miles at 100 Rs per mile	900	

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Incorporated Local Funds
Public Works Budget Estimate

Government of Madras

List of Repairs proposed to be carried out by the Public Works
Dept during 1889-90

Division	Locality	Name of Work	Grant 1889-90	Total Revenue
		Local Funds under Act V of 1884 - Cont.		
		Communications - Cont.		
		Repairs - Cont.		
South Arcot	Chidambaram	Repairing road on the bottom bank 2.5 miles at 100 Rs per mile	2,500	
Do	Do	Repairing road on the right bank of Khan Sahib's Canal	400	
Do	Do	Maintenance of Sourapet road	90	
Do	Madurai	Repairing road by Perumal Tank bank 10 miles (3 miles at 50 Rs and 7 at 20 Rs each)	290	
Trichinopoly	Trichinopoly and Udum- palayam	Road No. 22 from Sundiyar via Arking to Lower Arcot, 2.5 miles at 50 Rs per mile	1,250	
Tanjore	Tanjore	Roads along the right bank of Kannar from road No. 37 eastwards 3 miles at 50 Rs per mile	150	
Do	Do	Road No. 90 along the south bank of the Kannar, east of road No. 4 to Udam- mangalam village, 3 1/2 miles at 50 Rs per mile	210	

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Incorporated Local Funds
Public Works Budget Estimate

Madras

Government of Madras

List of Repairs proposed to be carried out by the Public
Works Department during 1889-90

Executive Division	Locality Name	Name of work	Grant 1889-90	Total Remarks
		Local Funds under Act V of 1884 - Cont.	Rs. 7415	Rs.
		Communications - Cont.		
		Repairs - Cont.		
Tanjore	Tanjore	Road from road No. 39 to Karidimarumangalam, 6 miles at 50 Rs per mile	300	
Do	Do	Road No. 6 from Railway to road No. 39 along the right bank of Vettar, 2 1/2 miles at 70 Rs per mile	225	
Do	Do	Road from Cauvery Vennar Regulator to Pillay Voikab sluice No. 2, 1 1/2 miles at Rs 35 per mile	50	
Do	Kumbakonam	Road No. 12 from Suduthurai to Thangavel, 3 1/2 miles at 50 Rs per mile	175	
Do	Do	Road No. 47 along the right bank of Thirumalarajapuram from road No. 14 eastwards, 5 1/2 miles at 50 Rs per mile	275	
Do	Do	Road No. 70 along the Coleroon south bank from Lower Sicut to Anaikara Chattram, 1 to 7 miles inclusive at 50 Rs per mile	350	

8790

Incorporated Local Funds
Public Works Budget Estimate

40/6

Madras

Government of Madras

List of Repairs proposed to be carried out by the Public
Works Department during 1889-90

Executive Division	Locality Name	Name of work	Grant 1889-90	Total Remarks
		Local Funds under Act V of 1884	Rs. 8790	Rs.
		Communications - Cont.		
		Repairs - Cont.		
Tanjore	Kumbakonam	Road No. 79 along the south bank of Ansalai, 3 1/4 miles at 40 Rs per mile	130	
Do	Mayavaram	Road No. 70 along the Coleroon south bank from Lower Sicut to Anaikara Chattram, 8 1/2 to 17 1/2 miles at 50 Rs per mile	520	
Do	Do	Road No. 12 along Varacholai right bank from Suduthurai to Thangavel, 2 3 miles at 75 Rs per mile	1725	
Do	Shiyali	Road No. 70 along Coleroon south bank from Lower Sicut to Anaikara Chattram, 18 1/2 to 28 1/2 miles at 50 Rs per mile	530	
Do	Do	Road No. 70 along Coleroon south bank from Lower Sicut to Anaikara Chattram, 28 1/2 to 31 1/2 miles	250	

11945

Incorporated Local Funds
Public Works Budget Estimate

Madras

Government of Madras

List of Repairs proposed to be carried out by the
Public Works Department during 1889-90

Executive Division	Locality	Item	Name of work	Grant 1889-90	Total Amount
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Local Funds under Act V of 1884 Act
Communications Act.
Repairs - Cont.

Tanjore	Nannilam	Road No: 79 along Aragalas south bank, 12½ miles at 50 Rs per mile	625		
Do	Do	Road No: 46 from Nagore to Kangalangery along the Vettar south bank to connect road No: 16 with No: 35, 4½ miles at 60 Rs per mile	270		
Nagapatam	Tinturai pundi	Road No: 51 from Manniyar along the south bank of the Narichundranadi, 13½ miles at 100 Rs per mile	1350		
Do	Do	Road No: 63 from No: 26 near Tinturaipundi or from Ponni to Kullimodoo, 11½ miles	1270		

15450

Incorporated Local Funds
Public Works Budget Estimate

4015/17 Madras

Government of Madras

List of Repairs ^{proposed} to be carried out by the Public Works
Department during 1889-90

Executive Division	Locality	Item	Name of work	Grant 1889-90	Total Amount
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Local Funds under Act V of 1884 Act
Communications Act.
Repairs - Cont.

Nagapatam	Manniyar	Road No: 51 from road No: 18 to Muthiyas head and joining road No: 35 and thence to Thalaimayur 9 miles at 75 Rs per mile	675		
Do	Do	Road No: 70 along the north bank of the Vennar from road No: 15 and joining No: 30, 5½ miles at 60 Rs per mile	315		
Do	Do	Road along the left bank of the Korayar or road No: 23 to Muthiyas head 4 miles at 40 Rs per mile	160		
Do	Nagapatam	Road No: 56 from Nagore to Kan- galangery along the Vettar south bank	210		

Total Local Funds under Act V of
1884, Communications, Repairs 16,840
Total Communications, Repairs 21,840

Incorporated Local Funds
Public Works Budget Estimate

Madras

Government of Madras

List of Repairs proposed to be carried out by the Public
Works Department during 1889-90

Executive Division	Locality	Name of work	Grant 1889-90	Total Amount
		Canal & Ferry Fund.		Rs. Rs.
		Tools and Plant (Special)		
Godavari Eastern	"	Construction of a steam launch for the Rajahmundry Ferry	25,000	
Do	"	Repair of ferry boats on the Kowar Mungai Junction Canal	200	✓
			25,200	

Ref 12

Incorporated Local Funds

Madras
40/5 18

Public Works Budget Estimate

Government of Madras

List of Repairs proposed to be carried out by the
Public Works Department during 1889-90

Executive Division	Locality	Name of work	Grant 1889-90	Total Amount
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Preliminary Issue.

4015
19

Excluded Local Funds.
Public Works Budget - Estimate

Madras.

Public Works Department.

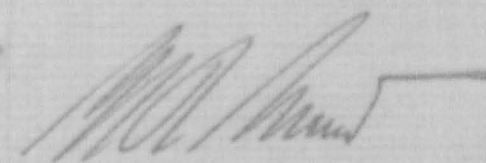
Excluded Local Funds Budget Estimate
of the
Public Works Department
of the
Government of Madras,
for the year
1889-90.

Prepared with reference to the Govt. of India Resolution No. 473 A. G. 4

17 November 1888.

Chopak

December 1888.



Colonel R. E.

Secretary to Govt. P. W. D.

Excluded Local Funds.
Public Works Budget Estimate

Revenue

4615
20

Madras.

Government of Madras.

Budget Estimate of Excluded Local Funds Public Works Revenue in the
Madras Presidency for the year 1889-90.

Budget Estimate of Revenue that will be realised by and on account of
Excluded Local Funds of the P.W. Deptt in the Madras Presidency for the year
from 1st April 1889 to 31st March 1890.

Actuals 1887-88	Budget Estimate 1888-89	Budget Estimate 1889-90
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Rs.	Rs.	Rs.
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Realised in the Public Works Department

15	20
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Total

15	20
----	----

Charges.

Madras

Excluded Local Funds.
Public Works Budget-Estimate

Government of Madras.

Budget Estimate of Expenditure from Excluded Local Funds on Public Works in the
Madras Presidency from 1 April 1887 to 31 March 1890.
Abstract of Estimated charges from Local Funds on Public Works in the Madras
Presidency from 1 April 1887 to 31 March 1890.

	Actuals 1887-88	Budget Estimate 1888-89	Budget Estimate 1889-90.
	Rs.	Rs.	Rs.
Original Works			
Civil Buildings	381	5,000	✓
Communications			✓
Miscellaneous Public Improvements	67,756	17,960	✓
Total	68,137	22,960	✓

Repairs			
Civil Buildings	3,583		✓
Communications			✓
Miscellaneous Public Improvements	10,470		✓
Total	14,053		✓

Total Works and Repairs			
Civil Buildings	3,964	5,000	✓
Communications			✓
Miscellaneous Public Improvements	78,226	17,960	✓
Total	82,190	22,960	✓

Establishment	4,793	5,200	✓
Tools and Plant.	310	845	✓

Grand Total 87,293 28,585

Excluded Local Funds
Public Works Budget Estimate

Government of Madras.

Abstract of grants assigned by Funds.

Funds to which the grants for
1889-90 are chargeable

Municipal Port Funds	Total 1889-90.	Revised Estimate 1888-
Rs.	Rs.	Rs.

Original Works

Civil Buildings	"	"	✓
Communications	"	"	✓
Miscellaneous Public Improvements	"	"	59,105
Total	"	"	59,105

Repairs

Civil Buildings	"	"	1,008
Communications	"	"	
Miscellaneous Public Improvements	"	"	6,918
Total	"	"	7,926

Total Works and Repairs

Restabishment	"	"	7,680
Tools and Plant.	"	"	503

Grand Total

75,220

PROCEEDINGS OF THE BOARD OF REVENUE
(LAND REVENUE).

THE HON. W. S. WHITESIDE.
J. GROSE, ESQ., M.A.

READ—the following papers:—

From the Collector of Arcot, South, dated 23rd September 1888, No. 305.

"	"	of Canara, South, " 1st " "	3157.
"	"	of Cuddapah, " 2nd October " "	7040.
"	"	of " " 2nd " "	7049.
"	"	of Godavari, " 5th September " "	383.
"	"	of Kistna, " 29th August " "	4825.
"	"	of Malabar, " 1st September " "	3261-R.
"	"	of Tanjore, " 23rd August " "	573.
"	"	of Tinnevely, " 10th September " "	554.
"	"	of Trichinopoly, " 29th August " "	452-4.
"	"	Superintending Engineer, I Circle, " 8th October " "	1889-G.D.

RESOLUTION—dated 23rd October 1888, No. 898.

The Board resolve to submit to Government the budget estimate of receipts and charges of the Canal and Ferry Fund for 1889-90 with the revised estimate for the current year.

REVISED ESTIMATE FOR 1888-89.

2. The subjoined statement compares the revised estimate for the current year with its sanctioned figures, the opening balances having been adopted from the Accountant-General's figures for 1887-88:—

Districts.	RECEIPTS.				CHARGES.		BALANCE.
	Balance at the beginning of 1888-89.	Revised estimated receipts during the year 1888-89.	Sanctioned estimate of receipts, 1888-89.	Total of columns 2 and 3.	Revised estimated expenditure during the year 1888-89.	Sanctioned estimate of expenditure, 1888-89.	Balance at the end of 1888-89.
1	2	3	4	5	6	7	8
1. Arcot, South	Rs. 2,906	Rs. 801	Rs. 800	Rs. 3,997	Rs. 5	Rs. 2,906	Rs. 9,927
2. Canara, South	0	23,136	23,500	23,136	23,136	23,500	2
3. Cuddapah	2,716	800	800	3,516	180	2,716	3,336
4. Godavari	2,10,012	37,167	32,780	2,37,169	20,285	92,200	1,56,884
5. Kistna	17,981	7,000	7,000	24,981	2,255	7,000	15,725
6. Malabar	614	61,890	68,890	61,614	61,890	69,170	149
7. Tanjore	782	6,120	5,620	6,902	5,100	5,600	802
8. Tinnevely	915	120	200	1,035	55	10	997
9. Trichinopoly	1,481	11,010	11,000	12,491	10,100	10,200	2,385
Total ..	2,37,467	1,37,298	1,50,640	3,74,765	1,93,563	2,08,270	1,84,202

3. Receipts.—The probable receipts for the year amount to Rs. 1,37,298 and are less than the sanctioned estimate by Rs. 13,342. The variations in the several districts are as under:—

South Arcot	Rs. + 111	South Canara	Rs. — 370
Tanjore	+ 500	Godavari	— 5,623
Trichinopoly	+ 10	Malabar	— 7,890
	+ 621	Tinnevely	— 80
			—13,963

The increase in South Arcot is due to the fact that the amount of Rs. 961, for which the ferries have been leased out for the current year, has been adopted in the revised estimate, while that in Tanjore represents the arrears at the beginning of the year which are expected to be collected within the year. The decrease in South Canara is due to the ferry farms fetching lower prices than was anticipated. That in Godáviri is inferred to be due to the non-arrival of the steamer for the Rajahmundry ferry. The reduced estimate in Malabar is the result partly of smaller bids for the Mammali and Beypore ferries owing to the extension of the railway to Calicut, and partly also of the abolition of the Irrity and Merumpoya ferries on account of the opening of bridges at those places.

4. *Charges*.—The revised charges amount to Rs. 1,90,563 against the sanctioned estimate of Rs. 2,08,270. The difference of Rs. 17,707 is the result of a gross decrease of Rs. 20,174 in four districts and an increase of Rs. 2,467 in five, as shown below:—

	Rs.		Rs.
South Arcot	5	South Canara	370
Cuddapah	180	Godáviri	12,005
Kistna	1,756	Malabar	7,705
Tanjore	500	Trichinopoly	94
Tinnevely	26		
Total	2,467	Total	20,174

In Cuddapah provision has been made for the purchase of a raft and its carriage from Malabar, while in Tanjore the increase represents the amount provided for repair of certain Government boats that have become unfit for service. The Collector of Kistna has now provided a sum of Rs. 2,358 for the construction of the landing stage below the Kistna anicut at Bezvada, agreeably to the revised estimate sanctioned for the work in G.O., dated 20th April 1888, No. 1182 W., Public Works, but, as only Rs. 1,706 is entered as required for the work in G.O., dated 8th August 1888, No. 2406 W., the amount will be reduced accordingly. The decreases in South Canara and Malabar are due to smaller contributions to Local Funds, consequent on the fall in receipts already explained. In Godáviri, where the largest decrease occurs, the Collector has struck out the provision of Rs. 9,000 made in the budget for the establishment and working charges of the Rajahmundry steam ferry, as the new steamer is not expected to be ready during the year, and has also reduced to Rs. 4,000 the amount of Rs. 7,000 provided in the budget for construction of bridges across irrigation canals and drains, the Superintending Engineer being unable to spend more on the works within the official year.

5. The Collector of Kistna gives Rs. 7,550 as the sanctioned expenditure for the current year, whereas it is only Rs. 7,500 in the Board's as well as in the Collector's budgets.

6. The details of expenditure in Godáviri are given below:—

	Sanctioned estimate. Rs.	Revised estimate. Rs.
(1) Establishment and working charges of the Rajahmundry steam ferry	9,000	...
(2) Repairs to the Kovur-Munjair junction canal	5,000	5,000
(3) Repairs to ferry boats on do.	1,000	1,000
(4) Purchase of a steamer for the Rajahmundry ferry	59,540	59,540
(5) Construction and repair of ferry boats	6,000	6,000
(6) Construction and repair of bridges across irrigation canals and drains	7,000	4,000
(7) Cost of supervision at 23 per cent. on works	4,655	4,370
(8) Tools and plants at 1½ per cent. on the outlay		285
(9) Miscellaneous, including establishment both at the Presidency and in the Collector's office	100	90
Total	92,295	80,285

The variations which occur in items (1) and (6) have been explained above.

BUDGET ESTIMATE FOR 1889-90.

7. The receipts and charges for 1889-90 are estimated by the Collectors to amount to Rs. 1,42,290 and Rs. 1,62,220, respectively, as shown below:—

	Receipts. Rs.	Charges. Rs.
(1) Arcot, South	950	10
(2) Canara, South	22,230	22,230
(3) Cuddapah	850	180
(4) Godáviri	32,820	54,980
(5) Kistna	7,000	7,500
(6) Malabar	61,000	61,000
(7) Tanjore	6,120	6,100
(8) Tinnevely	120	20
(9) Trichinopoly	11,200	10,200
Total	1,42,290	1,62,220

8. *Receipts*.—The receipts during the year 1889-90 are estimated at Rs. 1,42,290 against Rs. 1,37,298, the revised estimate for the current year, showing an increase of Rs. 4,992. This is chiefly due to the increase of Rs. 5,600 in Godáviri and a decrease of Rs. 900 in South Canara effected by the Collectors with reference to the average collection for the past three years, the other Collectors following the revised estimate very nearly.

9. *Charges*.—The expenditure has been fixed at Rs. 1,62,220 against Rs. 1,91,215, the revised estimate for the current year, showing a net decrease of Rs. 25,995, which occurs chiefly in the following districts:—

	Rs.
South Canara	900
Godáviri	25,300
Kistna	1,700
Malabar	460

The decrease in South Canara is due to the smaller provisions made under construction and repair of boats, platforms, &c., and under miscellaneous, as the greater portion of the required amounts have already been provided in the estimate for the current year. In Kistna, the decrease is caused by the fact that a provision of Rs. 1,706, which has been made for the landing stage at Bezvada in the estimate for the current year, will not have to be repeated, as the work will have been completed. The grant of heavy compensation to certain ferry contractors in Malabar, in the current year, for reasons similar to those given in paragraph 32 of the Board's Special Fund report, dated 19th September 1888, No. 807, explains the decrease in that district. The decrease in Godáviri mainly represents the difference between the cost of the steamer provided in the current year's budget and that of a steam launch proposed to be constructed in 1889-90 at a cost of Rs. 25,000. The Collector promises to submit plans and estimate with full explanatory notes showing the need for such a steam launch, and requests that the provision may be allowed to stand meanwhile in the budget. The Board have accordingly adopted the figure, pending the submission of the formal proposals promised. The Collector has left it to the Superintending Engineer to report direct to the Board what amounts will be required for the Kovur-Munjair junction canal and for the iron-girder bridge over the Mattalapalam salt creek; the Superintending Engineer, therefore, asks that provision be made as follows:—

Rs. 4,000 for an aqueduct over the Chollangi river.

„ 5,000 for repairs and maintenance charges of the Kovur-Munjair junction canal.

„ 200 for tools and plant.

This will accordingly be done.

10. The contributions proposed to be made to Local Funds during 1889-90 with the revised grant on the same account for the current year are shown below:—

	Revised estimate for 1888-89.	Budget estimate for 1889-90.
	RS.	RS.
South Canara	9,400	12,200
Kistna	1,000	1,000
Malabar	53,255	57,200
Tanjore	5,500	5,800
Trichinopoly	10,000	10,000
Total ...	79,155	86,200

In South Canara, the necessity for the provision of suitable boats for the working of the ferries in the district and the recently-sanctioned contribution of Rs. 1,000 to the Mangalore Municipality are said to have reduced the amount available for transfer to Local Funds, while in Malabar the reduction in the grant is only apparent, as it will be made good by the tolls levied at the bridges which have taken the place of the ferries.

11. The subjoined statement shows the estimated receipts, charges and closing balances for 1889-90 as adopted by the Board:—

Districts.	Balance at the beginning of 1889-90.	Receipts during the year.	Total.	Expenditure during the year.	Balance at the end of 1889-90.
1	2	3	4	5	6
1. Arcot, South	RS.	RS.	RS.	RS.	RS.
2. Canara, South	3,920	950	4,870	10	4,860
3. Cuddapah	22,230	180	22,410	180	22,230
4. Godavari	3,340	850	4,190	180	4,010
5. Kistna	1,56,880	32,820	1,89,700	64,180	1,25,520
6. Malabar	15,720	7,000	22,720	7,500	15,220
7. Tanjore	150	61,000	61,150	61,000	150
8. Tinnevely	800	6,120	6,920	6,100	820
9. Trichinopoly	1,000	120	1,120	10,200	3,380
	2,380	11,200	13,580	10,200	3,380
Total ..	1,84,190	1,42,290	3,26,480	1,71,420	1,55,060

The closing balances are large in Godavari and Kistna, and the Collectors should submit proposals for their utilization, as promised, without loss of time.

APPENDIX.

ESTIMATE of expenditure from the Canal and Ferry Fund for 1889-90.

Districts.	Items.	By Public Works Department.	By Revenue Department.	Total.
		RS.	RS.	RS.
Arcot, South ...	Establishment and audit fees ...	...	10	10
Canara, South.	Construction and repair of boats and platforms ...	...	6,600	6,600
	Construction and repair of ferry and jangar sheds ...	...	1,600	1,600
	Establishment ...	...	430	430
	Contribution to Local Funds and Municipalities ...	...	13,200	13,200
	Miscellaneous ...	...	400	400
Cuddapah ...	Construction of rafts, contingencies, &c.	...	180	180

Estimate of expenditure from the Canal and Ferry Fund for 1889-90—cont.

Districts.	Items.	ALLOTMENT FOR 1889-90.		
		By Public Works Department.	By Revenue Department.	Total.
		RS.	RS.	RS.
Godavari	Establishment and working charges for the ferry steamer at Rajahmundry.	...	9,000	9,000
	Construction of bridges across irrigation canals and drains ...	6,000	...	6,000
	Construction and repair of ferry boats.	12,210	...	12,210
	Do. do. of rest-houses.	...	740	740
	Construction of an aqueduct over the Chollangi river ...	4,000	...	4,000
	Improvement of landing places ...	470	...	470
	Construction of a steam launch for the Rajahmundry ferry ...	25,000	...	25,000
	Cost of supervision and tools and plant.	1,670	...	1,670
	Establishment and miscellaneous charges	...	90	90
	Repairs to Kovur-Munjair junction canal ...	5,000	...	5,000
Kistna	Construction and repair of ferry boats.	...	6,000	6,000
	Contribution to Local Funds ...	...	1,000	1,000
	Establishment and miscellaneous charges	...	500	500
Malabar	Establishment and miscellaneous charges	...	1,800	1,800
	Contribution to Cochin Municipality ...	...	2,000	2,000
	Do. to Local Funds ...	...	57,200	57,200
Tanjore	Establishment and miscellaneous charges ...	...	100	100
	Contribution to Local Funds ...	...	5,800	5,800
	Construction and repair of boats ...	...	200	200
Tinnevely	Miscellaneous establishment ...	...	20	20
	Contribution to Local Funds ...	...	10,000	10,000
Trichinopoly	Establishment and miscellaneous charges	...	200	200
		...	...	...
Total ...		...	...	1,71,420

(A true Extract.)

(Signed) H. A. SIM,
Acting Secretary.

To the Secretary to Government, Revenue Department.

Collector of South Arcot.
 " of South Canara.
 " of Cuddapah.
 " of Godavari.
 " of Kistna.
 " of Malabar.
 " of Tanjore.
 " of Tinnevely.
 " of Trichinopoly.
 Accountant-General.
 Examiner of Public Works Accounts.
 Edw. J. W. Lewis.

REVENUE DEPARTMENT.

1888.

Board of Revenue

(Land Revenue),

MADRAS.

Printed November th.

Proceedings, 23rd Oct. 1888, No. 898.

Submitting to Government Canal and Ferry
Fund budget for 1889-90.

Revenue Department.

3/3

Proceedings of the Madras Government.

Read Proceedings of the Board of Revenue
dated 23rd Oct. 1888, No. 898 (Land Revenue).

Read Office Note to P. W. D. dated
29th October 1888, No. 117.

Read Office Note from the P. W. D.
dated 1st November 88, No. 4221C and endorse
ment thereon dated 5th November 88, No. 6584.

Read also Proceedings of the Board of
Revenue dated 12th November 88, No. 6642 (Land
Revenue).

Order thereon, 20th November 1888, No. 805.

With the first of the papers read
above the Board of Revenue submit their
revised estimate of receipts and charges
of the Canal and Ferry Fund for 1888-89
and the Budget Estimate for 1889-90.

2. The estimates are approved with
the following remarks:-

3. Revised estimate for 1888-89.

The probable receipts of the current
year are fixed at Rs. 137,300 in round numbers
or Rs. 13,340 less than the sanctioned estimate.
The decrease chiefly occurs in the Districts
of Malabar and Godavari and is accounted
for in para 3 of the Board's Proceedings. The
Collector of the latter district has given no
explanation of the decrease but the Board
infer it to be due to the non-arrival
of the steamers for the Rajahmundry ferry.

It is observed, however, from the Official
of the Public Works Department read down
that the steamer has already been sent
down from Calcutta in parts and is
now being put together at the Public
Works Workshops, Dowlaisheerum.
By what time it will be ready for
use is not known, but even if it
should be available shortly, the pre-
scriptions of the current year are not
likely to be much affected thereby
as the greater portion of the year has
already passed. The Board's estimate, will
therefore, stand.

4. The estimate of charges requires
modification. The Board have provided
Rs. 4650 on account of cost of supervision
and tools and plant for the works in the
Godanari District, but this calculation
of the amount appears to be wrong. Even
if all the works were to be executed
by the Public Works Dept. the charge would
amount only to Rs. 3920. This however, is not
the case. Of the several works detailed in para
6 of the Board's Proceedings, No. 3 is not liable
Vide para 5 of the P.W.D. order for Rs. 546 have been
replaced at the disposal of the Revenue Dept.
The only item, therefore, that is subject to the charge
is No. 2, the grant for which is Rs. 5000 twenty five
and a half per cent. On this sum gives Rs. 1250
which is all that need be provided on account
of charges for establishment and tools and plant.
The total expenditure for the Godanari District
will then be Rs. 7685 and for the Presidency
Rs. 1,87,783. The difference of about Rs. 1,000 between

the latter sum and the sanctioned esti-
mate is explained in para 4 of the Board's
Proceedings. It is stated in this para that
the grant for the construction of bridges
across irrigation canals and drains in the
Godanari District, is reduced because the
perpetuating Engineer is unable to spend
the whole allotment within the official year,
but, as above pointed out, the grant has al-
ready been replaced at the disposal of the
Revenue Department. The remark is, there-
fore, unintelligible.

5. With reference to para 5 of the Board's
Proceedings the Govt. observes that the figure
adopted by the Collector is correct (Vide appen-
dix to G.O. dated 12th December 1889, No. 1144).

6. According to the revised estimate,
as modified by Govt., the current year
will close with a balance of Rs. 1,87,630 in
round numbers.

7. Budget Estimate for 189-90.
The receipts are estimated at Rs.
1,42,290 or about Rs. 500 in excess of the
revised estimate and are accepted.
Here again the estimate of charges re-
quires alterations. Of the works proposed
by the Public Works Dept. and referred to
in para 1 of its office-note read above
No. 1 has already been provided for by the
Board and the useful provision will
be made for Nos. 2 & 3. The provision of Rs. 1670
on account of cost of supervision and tools and
plant in the Godanari District falls short
of the proper amount and will accordingly
be raised. The Board's classification of
the works in this District, with reference to

to the Agency by which they are accounted, will also be altered as suggested, para 3 of their Proceedings dated 12 Nov. 1886, No 6642 Misc. read above.

6. The estimate, as thus modified is shown in the subjoined abstract:-

#	Districts	Balance at the beginning of 1889-90.	Receipts during the year.	Total	Expenditure during the year.	Balance at the end of the year.
		Rs.	Rs.	Rs.	Rs.	Rs.
1	Arak, South	3920	950	4870	10	4860
2	Canara, South	"	22,230	22,230	22,230	"
3	Cuddalore	3540	850	4,190	120	4,010
4	Hydourari	160320	32,820	193,140	64,915	128,225
5	Kistna	15,720	7,000	22,720	7,530	15,170
6	Malabar	150	61,000	61,150	61,000	150
7	Tanjore	800	6,120	6,920	6,100	820
8	Tinnevely	1000	120	1,120	20	1,100
9	Tiruchinopoly	2380	11,200	13,580	10,200	3,380
		187,630	142,290	329,920	172,205	157,715

7. A statement of particulars of expenditure for 1889-90 is appended.

Appendix

Appendix.

Estimate of Expenditure from the Canal and Ferry Fund for 1889-90.

District	Items.	Amount for 1889-90.		
		By Public Works Dept.	By Govt. Dept.	Total
		Rs.	Rs.	Rs.
Hydourari	Establishment and working charges for the ferry steamer at Raghunad	"	9000	"
	Construction of bridges across irrigation canals and drains	"	6000	"
	Construction and repair of ferry boats	"	12,210	"
	Do do of boats, houses	"	740	"
	Construction of an aqueduct over the Cholung's river	4000	0	"
	Improvement of landing places	"	470	"
	Construction of a steam launch for the Raghunad ferry	2,500	100	"
	Repairs to Kuvir-humpis junction	5,000	0	"
	Repair of ferry boats on - do -	200	100	"
	Cost of supervision & tools and plant	2,205	107	"
	Establishment & miscellaneous charges	"	90	6,915
	Construction & repair of ferry boats	"	6,000	"
	Contribution to Local Funds	"	1,000	"
	Establishment & miscellaneous charges	"	800	"
	Maintenance of a ferry road at Raghunad	40	0	"
B. of C. & C. Canals, Malabar, Tinnevely, Tiruchinopoly	Cost of supervision & tools & plant	10	107	700
	(Here enter details as in the Board's Proceedings)	"	"	99,740
Total		"	"	1,72,205

1 True Estimate

H. H. Hunt

Under Secretary

To The Financial Dept.
" Commr. H. Dept.
" Public Works Dept.

C. H.



4015-3 W
4018-3 W
4021-3 W

Ordered that the preliminary issues of the Incorporated and Excluded Local Sub-Committee for works to be carried out by the P. W. Department during 1889-90, be printed and circulated to the officers concerned for information and guidance, and four copies forwarded to the Govt. of India.

to the Govt. of India.
2. A list of works under Act II
of 1884 proposed by the Supty. Engineer
concerned has been forwarded to the
Local and Municipal Department,
and

but as the approval of Govt. in that Department has not yet been received, and as the budget estimates should reach the Govt. of India before the 15th proximo, the works as proposed by the Supty. Engineers have been adopted in the budget, subject to modification, if any, ^{hereafter} in the final issue.

3. The works under Canal and Ferry Funds and the grants proposed for them have been approved in the Revenue Department, and the necessary provision for them has been duly made in the Canal and Ferry Funds Budget Estimate for 1889-90 circulated with the Revenue Department Proceedings above recorded.

4. Funds have been provided by the Revenue Department for the construction of an aqueduct over the Chollanji river, although the work has not been brought forward by the Supty. Engineer T. Binder. As no estimate has been sanctioned for the work, the Supty. Engineer should expedite its submission.

5. A sum of Rs. 20,000 has been provided for the construction of a steam launch for the Rajahmundry ferry.

6. No provision has been made in the Budget Estimate under Excluded Local Funds for work to be carried out during 1889-90, as the Financial Department have decided in their Proceedings No. 951 of 19th December 1888 that the ^{funds} ~~amount~~ ~~under that head~~ ~~expenditure~~ will be ^{held in reserve} ~~present at the~~ ⁱⁿ that Department, and ^{as required} ~~allotted from time to time as necessity~~ ~~may arise.~~

7. The difference between the budget and the revised estimates for 1888-89 under Incorporated Local Funds is due to a sum of Rs. 14,715 having been surrendered to the Revenue Department for expenditure.

by that Department, and that
 under Excluded Local Funds
 is due to funds having been provided
 during the year for incomplete works
 of 1887-88 and for new works found
 necessary.

H. E. No. 406 Wd/ 22-11-88

Forwarded.

WCH
 22.12.88

WCH

22/12/88

WCH

22/12

Printed and signed

*To be sent to
 the
 22/12/88*

- To Supty. Engineer
- The Comy Architect to Govt.
- " Examiner P. W. Lutz
- " Accountant General
- " Financial Deptt
- " Revenue Deptt
- " Local & Municipal Deptt
- " Marine Department

Cr

22/12

22/12

Govt. of 1888 Madras.

PUBLIC WORKS:

10/11/12

Dated

Recd.

Encl.

25/11 G.O. 22 Dec 1888, No. 4015 W
4015A

Incorporated & Ex-
cluded Local Fund
Budget Ests for 1889/90

Orders circulating
preliminary figures of
the - for works to
be carried out by
the M. Dept.

Incorporated and Excluded
L. F. Budget Ests for
1889/90.

Form of copies of
preliminary figures of
the - for works to be
carried out by the M. Dept.

25/11