

No 253 W of 21<sup>st</sup> January 1888

P. W. D. 6<sup>TH</sup> CIRCLE.

From

The Superintending Engineer,  
6th Circle.

To

The Chief Engineer  
P. W. D.

No. 1834 Tg.

Dated 13<sup>th</sup> } January 1888.  
Received 14<sup>th</sup>

Enclosure.

No 253 W date d 21<sup>st</sup> January 1888

S. E. VI Circle ✓ Sent  
21/1/88

Lefty wall at Negapatam:  
states that an order  
relating to - was forwarded to the  
Post Officer, Madras for  
submission to Govt with  
his countersignature -

B. how functions for the  
Circle issuing the Receipt.

No 253 W of 21<sup>st</sup> January 1888  
P. W. D. 6<sup>TH</sup> CIRCLE

45  
31/1/88

Madras 13<sup>th</sup> January 1888.No. 1834 T.J. D 74/  
From J. W. Randall Esquire  
The Superintending Engineer, M. S. E. & C.

6th Circle.

To

The Chief Engineer  
Public Works Department  
Madras.

Sir,

ENCLOSURE.

G.O. No. 3472 W dated 20<sup>th</sup> December 1887, circulating preliminary issues of the Incorporated and Excluded Local Fund Budget Estimates for the year 1888-89.

2 With reference to the remarks against No. 2 - Extending the Jetty wall, Negapatnam in the list of original works proposed to be carried during 1888-89 from Excluded Local Funds, I have the honor to state that an Estimate of Rs. 22,220 for this work was forwarded to the Port Officer, Madras, with this Office No. 9662 J dated 22<sup>nd</sup> August 1887 for submission to Govt. with his countersignature.

93 W. 11/1/88  
in Press.

3

I have addressed the Port  
Officer Madras on the subject, and  
requested that if the Estimate is  
approved, it may be countersigned  
and forwarded to Government for  
sanction.

I have the honour to be,

Sir,

Your most obedient servant,

J. W. Rundaal

Superintending Engineer C. Circle.

25 3w of 21<sup>st</sup> January 1888

P. W. D. 6<sup>TH</sup> CIRCLE.

BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated January, 11th.

Recd.

Encl.

G.O., 11th Jan. 1888, No. 93 W.

JANUARY.

Jetty Wall at Negapatam

Estimate for extending the —, sanctioned.

31/1/88

With order

11TH JANUARY 1888, No. 93 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following letter from T. E. MARSHALL, Esq., Assistant Port Officer, in charge of Port Office, Madras, to the Chief Secretary to Government, dated Madras, 27th October 1887, No. 9784:—

With reference to G.O., No. 454, Marine, dated 10th October 1887, I have the honor to forward the accompanying letter from the Superintending Engineer, VI Circle, No. 996 T.J., dated 22nd August 1887, submitting plan and estimate, amounting to Rs. 22,220, for extending the jetty wall at Negapatam, and to suggest that it be referred to the Chief Engineer, Public Works Department, for approval.

ENCLOSURE.

From Lieut.-Colonel J. PENNYCUICK, R.E., Superintending Engineer, VI Circle, to the Port Officer, Madras, dated Kodaikanal, 22nd August 1887, No. 996 T.J.

With reference to your letter No. 4746, of 1st June 1887, I have the honor to forward, for your countersignature and submission to Government for their sanction, plan and estimate, amounting to Rs. 22,220, for extending the jetty wall at Negapatam Harbour, south of landing ramp, and request that you will be good enough to arrange for placing, at the disposal of this department, the sum of Rs. 27,664 (Rs. 22,220 the amount of the estimate and Rs. 5,444 for Public Works supervision and tools and plant).

2. The estimates for filling the boat basin and diverting the town drain at Negapatam were forwarded to the Chief Engineer, Public Works Department, with this office letter No. 247 T.J., dated 7th May 1887. The concrete blocks taken out from the boat basin were proposed to be used as a rough apron along the outer face of the basin.

3. With regard to land mark at Point Calimere, referred to in Chief Engineer's note printed with G.O., No. 160 Marine, dated 14th April 1887, I have the honor to request that you will be good enough to let me know the height of the iron standard required.

Forwarded to the Chief Engineer for approval.

(By Order.)

FORT ST. GEORGE,  
23rd November 1887.

(Signed) W. S. MEYER,  
Asst. Secy. to Govt., Marine Dept.

No. 4521 C, Public Works.

The estimate, as corrected in this office, is approved and returned to the Marine Department.

2. If approved in the Marine Department, it is suggested that the papers be returned to the Public Works Department for final disposal in accordance with paragraphs 988, 989 of the Public Works Code.

CHEPÂK,  
8th December 1887.

(Signed) J. O. HASTED, Colonel, R.E.,  
Chief Engr. and Secy. to Govt., P.W.D.

No. 155 R., Marine.

Approved and returned to the Public Works Department for final disposal as suggested.

(By Order.)

FORT ST. GEORGE,  
19th December 1887.

(Signed) W. S. MEYER,  
Assistant Secy. to Govt.

ORDER—dated 11th January 1888, No. 93 W., Public Works.

The estimate, amounting to Rs. 17,960 \* (as corrected in the Chief Engineer's office), for extending the jetty wall at Nega-patam is sanctioned.

|                 |     |     |     |     |        |
|-----------------|-----|-----|-----|-----|--------|
| * Works         | ... | ... | ... | RS. | 17,960 |
| Establishment   | ... | ... | ... |     | 4,131  |
| Tools and plant | ... | ... | ... |     | 269    |
| Total           | ... | ... | ... |     | 22,360 |

2. The requisite funds will be provided in the Excluded Local Fund Budget for 1888-89.

3. This sanction has been registered as Local, No. 39 W. of 1887-88, and

classified as Miscellaneous Public Improvements, Original Works.

(True Extract.)

Captain, R.E.,  
Under Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with four enclosures.  
„ Examiner, Public Works Accounts, with copy of abstract estimate.  
„ Marine Department.

Exd. J. Moses.  
Spare Copies

GENERAL.  
ACCOUNT.

**Govt. of 1887 Madras.**  
**PUBLIC WORKS.**

*Dated December, 20th.*

*Recd.*

*Encl.*

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**G.O., 20th Dec. 1887, No. 3472 W.**

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**DECEMBER.**

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**Incorporated and Excluded  
Local Fund Budget Estimates  
for 1888-89**

Orders circulating the preliminary issues  
of the —.

PRELIMINARY ISSUE.

EXCLUDED LOCAL FUNDS.  
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

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PUBLIC WORKS DEPARTMENT.

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EXCLUDED LOCAL FUNDS BUDGET ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS,

FOR THE YEAR

1888-89.

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

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CHEPÂK,  
20th December 1887.

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(Signed) J. O. HASTED, Colonel, R.E.,  
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 1888-89.

*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 1888 to 31st March 1889.*

|                                                | BUDGET<br>ESTIMATE,<br>1888-89. | BUDGET<br>ESTIMATE,<br>1887-88. | ACTUALS,<br>1886-87. |
|------------------------------------------------|---------------------------------|---------------------------------|----------------------|
|                                                | Rs.                             | Rs.                             | Rs.                  |
| Realised in the Public Works Department ... .. | 15                              | ...                             | 9                    |
| Total ...                                      | 15                              | ...                             | 9                    |

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 1888 TO 31ST MARCH 1889.

*Abstract of Estimated Charges from Local Funds on Public Works in the Madras Presidency from 1st April 1888  
to 31st March 1889.*

|                                          | BUDGET<br>ESTIMATE,<br>1888-89. | BUDGET<br>ESTIMATE,<br>1887-88. | ACTUALS,<br>1886-87. |
|------------------------------------------|---------------------------------|---------------------------------|----------------------|
| ORIGINAL WORKS.                          |                                 |                                 |                      |
| Civil Buildings ... ..                   | Rs.                             | Rs.                             | Rs.                  |
| Communications ... ..                    | 5,000                           | ...                             | 9,254                |
| Miscellaneous Public Improvements ... .. | ...                             | ...                             | ...                  |
|                                          | 22,220                          | ...                             | 1,20,870             |
| Total ...                                | 27,220                          | ...                             | 1,30,124             |
| REPAIRS.                                 |                                 |                                 |                      |
| Civil Buildings ... ..                   | ...                             | ...                             | 1,881                |
| Communications ... ..                    | ...                             | ...                             | ...                  |
| Miscellaneous Public Improvements ... .. | ...                             | ...                             | 1,746                |
| Total ...                                | ...                             | ...                             | 3,627                |
| TOTAL, WORKS AND REPAIRS.                |                                 |                                 |                      |
| Civil Buildings ... ..                   | 5,000                           | ...                             | 11,135               |
| Communications ... ..                    | ...                             | ...                             | ...                  |
| Miscellaneous Public Improvements ... .. | 22,220                          | ...                             | 1,22,616             |
| Total ...                                | 27,220                          | ...                             | 1,33,751             |
| Establishment ... ..                     | 6,262                           | ...                             | 11,137               |
| Tools and Plant ... ..                   | 408                             | ...                             | 1,179                |
| Grand Total ...                          | 33,890                          | ...                             | 1,46,067             |

EXCLUDED LOCAL FUNDS.  
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

ABSTRACT OF GRANTS ASSIGNED BY FUNDS.

|                                   |     |     |     |     |     | FUNDS TO WHICH THE GRANT FOR<br>1888-89 ARE CHARGEABLE. |            |                     | REVISED<br>ESTIMATE,<br>1887-88. |
|-----------------------------------|-----|-----|-----|-----|-----|---------------------------------------------------------|------------|---------------------|----------------------------------|
|                                   |     |     |     |     |     | Municipal.                                              | Port Fund. | Totals,<br>1888-89. |                                  |
|                                   |     |     |     |     |     | Rs.                                                     | Rs.        | Rs.                 | Rs.                              |
| ORIGINAL WORKS.                   |     |     |     |     |     |                                                         |            |                     |                                  |
| Civil Buildings                   | ... | ... | ... | ... | ... | 5,000                                                   | 5,000      | 410                 |                                  |
| Communications                    | ... | ... | ... | ... | ... | ...                                                     | ...        | ...                 |                                  |
| Miscellaneous Public Improvements | ... | ... | ... | ... | ... | 22,220                                                  | 22,220     | 1,12,187            |                                  |
| Total                             |     |     |     |     | ... | 27,220                                                  | 27,220     | 1,12,597            |                                  |
| REPAIRS.                          |     |     |     |     |     |                                                         |            |                     |                                  |
| Civil Buildings                   | ... | ... | ... | ... | ... | ...                                                     | ...        | 5,117               |                                  |
| Communications                    | ... | ... | ... | ... | ... | ...                                                     | ...        | ...                 |                                  |
| Miscellaneous Public Improvements | ... | ... | ... | ... | ... | ...                                                     | ...        | 9,304               |                                  |
| Total                             |     |     |     |     | ... | ...                                                     | ...        | 14,421              |                                  |
| Total, Works and Repairs          |     |     |     |     | ... | 27,220                                                  | 27,220     | 1,27,018            |                                  |
| Establishment                     | ... | ... | ... | ... | ... | 6,262                                                   | 6,262      | 6,790               |                                  |
| Tools and Plant                   | ... | ... | ... | ... | ... | 408                                                     | 408        | 443                 |                                  |
| Grand Total                       |     |     |     |     | ... | 33,890                                                  | 33,890     | 1,34,251            |                                  |

EXCLUDED LOCAL FUNDS.  
PUBLIC WORKS BUDGET ESTIMATE.

APPENDIX TO G.O., No. 3472 W.,

GOVERNMENT

LIST OF ORIGINAL WORKS PROPOSED TO BE CARRIED OUT

| FUNDS.        | EXECUTIVE<br>DIVISION. | LOCALITY.     | ITEM<br>No. | NAME OF WORK.                                | AMOUNT<br>OF<br>ESTIMATE. |
|---------------|------------------------|---------------|-------------|----------------------------------------------|---------------------------|
|               |                        |               |             | CIVIL BUILDINGS.                             | Rs.                       |
|               |                        |               |             | ORIGINAL WORKS.                              |                           |
| Port Fund ... | Vizagapatam.           | Gopálpur ...  | 1           | Constructing a house for the Port Officer.   | ...                       |
|               |                        |               |             | Total, Civil Buildings ...                   | ...                       |
|               |                        |               |             | MISCELLANEOUS PUBLIC IMPROVEMENTS.           |                           |
|               |                        |               |             | ORIGINAL WORKS.                              |                           |
| Do. ...       | Negapatam ...          | Negapatam ... | 2           | Extending the jetty wall ...                 | ...                       |
|               |                        |               |             | Total, Miscellaneous Public Improvements ... | ...                       |
|               |                        |               |             | Total, Original Works ...                    | ...                       |

[ 6 ]

MADRAS.

DATED 20TH DECEMBER 1887.

OF MADRAS.

BY THE PUBLIC WORKS DEPARTMENT DURING 1888-89.

| OUTLAY.                         |                                | GRANT, 1888-89. |        | ITEM<br>No. | REMARKS AND REFERENCES. |
|---------------------------------|--------------------------------|-----------------|--------|-------------|-------------------------|
| Actual to<br>end of<br>1886-87. | Probable<br>during<br>1887-88. | Amount.         | Total. |             |                         |
| Rs.                             | Rs.                            | Rs.             | Rs.    |             |                         |
| ...                             | ...                            | 5,000           | ...    | 1           | Estimate is awaited.    |
| ...                             | ...                            | 5,000           | 5,000  |             |                         |
| ...                             | ...                            | 22,220          | ...    | 2           | Estimate is awaited.    |
| ...                             | ...                            | 22,220          | 22,220 |             |                         |
| ...                             | ...                            | ...             | 27,220 |             |                         |

[ 7 ]

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.  
Account.

READ—the following papers :—

|                                        |                                               |
|----------------------------------------|-----------------------------------------------|
| From the Superintending Engineer, I    | Circle, dated 10th October 1887, No. 251 G.L. |
| " " " II "                             | " 14th " " (two statements).                  |
| " " " III "                            | " 1st " " "                                   |
| " " " IV "                             | " 2nd " " No. 395 E.W.                        |
| " " " V "                              | " 24th " " 2991.                              |
| " " " V "                              | " 13th December " 3873.                       |
| " " " V "                              | " 13th " " 3874.                              |
| " " " VI "                             | " 20th September " 1214 T.J.                  |
| " Consulting Architect to Government " | " 30th " " 867.                               |

ORDER—dated 20th December 1887, No. 3472 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 1888-89 be printed and circulated to the officers concerned, for information and guidance, and four copies forwarded to the Government of India.

2. Lists of works, as proposed by the Superintending Engineers concerned, under Canal and Ferry Funds and under Act V of 1884, have been forwarded to the Revenue and Local and Municipal Departments, respectively; but as the approval of the Government in those departments has not yet been received, and as the budget estimates to be submitted to the Government of India should reach them 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 budget estimate under Excluded Local Funds has been approved in the Marine Department, and provision of funds has been made in the proceedings of Government (Financial) noted in the margin.

No. 1137, dated 22nd October 1887.  
" 1260 " 2nd December "

4. The differences between the budget and revised estimates for 1887-88 under Incorporated and Excluded Local Funds are due to funds having been provided

during the year for incomplete works of 1886-87, and for new works subsequently found necessary.

(Here enter No. 3473 W., dated 20th December 1887.)

(True Extract.)

(Signed) J. O. HASTED 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 Department.  
" Local and Municipal Department.  
" Marine Department.

GENERAL.  
ACCOUNT.

**Govt. of (1887) Madras.**  
PUBLIC WORKS.

*Dated December, 20th.*

*Recd.*

*Encl.*

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G.O., 20th Dec. 1887, No. 3472 W.

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**DECEMBER.**

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**Incorporated and Excluded  
Local Fund Budget Estimates  
for 1888-89**

Orders circulating the preliminary issues  
of the —.

PRELIMINARY ISSUE.

INCORPORATED LOCAL FUNDS.  
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

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PUBLIC WORKS DEPARTMENT.

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INCORPORATED LOCAL FUNDS BUDGET ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS,

FOR THE YEAR

1888-89.

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CHEPÂK,  
20th December 1887.

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

## REVENUE.

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 1888-89.*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 1888 to March 1889.*

|                                            | BUDGET<br>ESTIMATE,<br>1888-89. | BUDGET<br>ESTIMATE,<br>1887-88. | ACTUALS,<br>1886-87. |
|--------------------------------------------|---------------------------------|---------------------------------|----------------------|
|                                            | Rs.                             | Rs.                             | Rs.                  |
| Realised in Public Works Department ... .. | 3,900                           | 6,000                           | 4,379                |
| Total ...                                  | 3,900                           | 6,000                           | 4,379                |

INCORPORATED LOCAL FUNDS.  
PUBLIC WORKS BUDGET ESTIMATE.

CHARGES.

MADRAS.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF EXPENDITURE FROM INCORPORATED LOCAL FUNDS ON PUBLIC WORKS IN THE MADRAS PRESIDENCY FOR THE YEAR 1888-89.

Abstract of the Estimated Charges from Incorporated Local Funds on Public Works in the Madras Presidency from 1st April 1888 to March 1889.

|                                   | BUDGET<br>ESTIMATE,<br>1888-89. | BUDGET<br>ESTIMATE,<br>1887-88. | ACTUALS,<br>1886-87. |
|-----------------------------------|---------------------------------|---------------------------------|----------------------|
|                                   | Rs.                             | Rs.                             | Rs.                  |
| ORIGINAL WORKS.                   |                                 |                                 |                      |
| Civil Buildings                   | ...                             | ...                             | ...                  |
| Communications                    | ...                             | ...                             | ...                  |
| Miscellaneous Public Improvements | ...                             | ...                             | ...                  |
| Total ...                         | 70,000                          | 1,30,760                        | 45,980               |
| REPAIRS.                          |                                 |                                 |                      |
| Civil Buildings                   | ...                             | ...                             | ...                  |
| Communications                    | ...                             | ...                             | ...                  |
| Miscellaneous Public Improvements | ...                             | ...                             | ...                  |
| Total ...                         | 23,508                          | 23,768                          | 20,867               |
| TOTAL, WORKS AND REPAIRS.         |                                 |                                 |                      |
| Civil Buildings                   | ...                             | ...                             | ...                  |
| Communications                    | ...                             | ...                             | ...                  |
| Miscellaneous Public Improvements | ...                             | ...                             | ...                  |
| Total ...                         | 93,508                          | 1,54,528                        | 66,847               |
| Establishment                     | ...                             | ...                             | ...                  |
| Tools and Plant                   | ...                             | ...                             | ...                  |
| Grand Total ...                   | 1,79,770                        | 2,68,000                        | 1,03,643             |

INCORPORATED LOCAL FUNDS.  
PUBLIC WORKS BUDGET ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

ABSTRACT OF GRANTS ASSIGNED BY FUNDS.

|                                   | FUNDS TO WHICH GRANTS FOR 1888-89 ARE<br>CHARGEABLE. |                            |                             |                             |                 | REVISED<br>ESTIMATE,<br>1887-88. |
|-----------------------------------|------------------------------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------|----------------------------------|
|                                   | Local Funds under<br>Act V of 1884.                  | Lodging<br>Police<br>Fund. | Canal and<br>Ferry<br>Fund. | Jungle Conservancy<br>Fund. | Total, 1888-89. |                                  |
|                                   | Rs.                                                  | Rs.                        | Rs.                         | Rs.                         | Rs.             | Rs.                              |
| ORIGINAL WORKS.                   |                                                      |                            |                             |                             |                 |                                  |
| Civil Buildings                   | ...                                                  | ...                        | ...                         | ...                         | ...             | ...                              |
| Communications                    | 70,000                                               | ...                        | ...                         | ...                         | 70,000          | 1,35,556                         |
| Miscellaneous Public Improvements | ...                                                  | ...                        | ...                         | ...                         | ...             | ...                              |
| Total ...                         | 70,000                                               | ...                        | ...                         | ...                         | 70,000          | 1,35,556                         |
| REPAIRS.                          |                                                      |                            |                             |                             |                 |                                  |
| Civil Buildings                   | ...                                                  | ...                        | ...                         | ...                         | ...             | ...                              |
| Communications                    | 18,468                                               | ...                        | 5,040                       | ...                         | 23,508          | 24,676                           |
| Miscellaneous Public Improvements | ...                                                  | ...                        | ...                         | ...                         | ...             | ...                              |
| Total ...                         | 18,468                                               | ...                        | 5,040                       | ...                         | 23,508          | 24,676                           |
| Total, Works and Repairs          | 88,468                                               | ...                        | 5,040                       | ...                         | 93,508          | 1,60,232                         |
| Establishment                     | 33,380                                               | ...                        | 1,160                       | ...                         | 34,540          | 47,879                           |
| Tools and Plant                   | 1,147                                                | ...                        | 50,575                      | ...                         | 51,722          | 65,075                           |
| Grand Total ...                   | 1,22,995                                             | ...                        | 56,775                      | ...                         | 1,79,770        | 2,73,186                         |

INCORPORATED LOCAL FUNDS.  
PUBLIC WORKS BUDGET ESTIMATE.

GOVERNMENT

LIST OF ORIGINAL WORKS PROPOSED TO BE CARRIED OUT

| FUNDS.                                 | EXECUTIVE<br>DIVISION. | LOCALITY.  | ITEM<br>No. | NAME OF WORK.                                      | AMOUNT<br>OF ESTI-<br>MATE. |
|----------------------------------------|------------------------|------------|-------------|----------------------------------------------------|-----------------------------|
|                                        |                        |            |             | COMMUNICATIONS.                                    | Rs.                         |
|                                        |                        |            |             | <i>Original Works.</i>                             |                             |
| Local Funds<br>under Act V<br>of 1884. | Madura ...             | Madura ... | 1           | Construction of a bridge over the<br>Vaigai river. | 3,21,460                    |
|                                        |                        |            |             | Total, Communications ...                          | ...                         |
|                                        |                        |            |             | Total, Original Works ...                          | ...                         |

OF MADRAS.

BY THE PUBLIC WORKS DEPARTMENT DURING 1888-89.

| OUTLAY.                   |                          | GRANT, 1888-89.   |                | ITEM<br>No. | REMARKS AND REFERENCES.                     |
|---------------------------|--------------------------|-------------------|----------------|-------------|---------------------------------------------|
| Actual to end of 1886-87. | Probable during 1887-88. | Amount.           | Total.         |             |                                             |
| Rs.<br><br>27,171         | Rs.<br><br>1,20,000      | Rs.<br><br>70,000 | Rs.<br><br>... | 1           | G.O., No. 2763 W., dated 17th October 1887. |
| ...                       | ...                      | 70,000            | 70,000         |             |                                             |
|                           |                          |                   |                |             |                                             |
| ...                       | ...                      | ...               | 70,000         |             |                                             |

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 1888-89.

| EXECUTIVE<br>DIVISION. | LOCALITY.                        | ITEM<br>No. | NAME OF WORK.                                                                                                                                    | GRANT,<br>1888-89. | TOTAL. | REMARKS. |
|------------------------|----------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|----------|
|                        |                                  |             | CANAL AND FERRY FUND.                                                                                                                            | Rs.                | Rs.    |          |
|                        |                                  |             | Communications.                                                                                                                                  |                    |        |          |
|                        |                                  |             | Repairs.                                                                                                                                         |                    |        |          |
| Godavari,<br>Eastern.  | .....                            | 1           | Repairs to Kovur-Manjer junction canal.                                                                                                          | 5,000              |        |          |
| Kistna, Eastern.       | Bezvada ...                      | 2           | Maintenance of ferry road ...                                                                                                                    | 40                 |        |          |
|                        |                                  |             | LOCAL FUNDS UNDER ACT V<br>OF 1884.                                                                                                              |                    | 5,040  |          |
|                        |                                  |             | Communications.                                                                                                                                  |                    |        |          |
|                        |                                  |             | Repairs.                                                                                                                                         |                    |        |          |
| Ganjam ...             | .....                            | 3           | Maintenance of 4 miles of Aska-Surada road.                                                                                                      | 400                |        |          |
| Kistna, Western.       | Nizampatam canal.                | 4           | Maintenance of canal left bank between Nandivelugu and Kuchipudi.                                                                                | 350                |        |          |
| Do. ...                | Kistna right bank.               | 5           | Maintenance of Kistna right bank between Pennumudi and Kollur.                                                                                   | 650                |        |          |
| Nellore ...            | Nellore ...                      | 6           | Gravelling the Pennér anicut roadway.                                                                                                            | 600                |        |          |
| South Arcot ...        | Chidambaram taluk.               | 7           | Repairing a portion of road from Shatiatope to Omampulayoor passing over the Veeranam tank-bund, 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 right bank of Khan Sahib's canal, 6 miles, at Rs. 75 per mile.                                                                 | 450                |        |          |
| Do. ...                | Cuddalore taluk.                 | 10          | Repairing road from Vriddhachalam road, 11 miles, to Kandiamallore by Perumal tank bank, 10 miles (3 miles at Rs. 50 each and 7 at Rs. 20 each). | 290                |        |          |
| Trichinopoly ...       | Trichinopoly and Udayarpalaiyam. | 11          | Road No. 20 from Sirudiyur viâ Sankarayan to lower anicut, 20 miles, at Rs. 50 per mile.                                                         | 1,000              |        |          |
| Tanjore ...            | Tanjore ...                      | 12          | Road along the right bank of the Vennâr from road No. 39 eastwards, 3 miles, at Rs. 50 per mile.                                                 | 150                |        |          |
| Do. ...                | Do. ...                          | 13          | Road No. 90 along the south bank of the Vennâr, east of road No. 4 to Udaramangalam village, 3½ miles, at Rs. 60 per mile.                       | 210                |        |          |
| Do. ...                | Do. ...                          | 14          | Road from road No. 39 to Haridwaramangalam, 6 miles, at Rs. 50 per mile.                                                                         | 300                |        |          |
| Do. ...                | Do. ...                          | 15          | Road No. 6 from Tanjore to Govindagudi, 4 miles, from 51st to 54th mile, at Rs. 90 per mile                                                      | 360                |        |          |
|                        |                                  |             | Carried over ...                                                                                                                                 | 7,660              | 5,040  |          |

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 1888-89—cont.

| EXECUTIVE<br>DIVISION. | LOCALITY.     | ITEM<br>No. | NAME OF WORK.                                                                                                                        | GRANT,<br>1888-89. | TOTAL. | REMARKS. |
|------------------------|---------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|----------|
|                        |               |             |                                                                                                                                      | Rs.                | Rs.    |          |
|                        |               |             | Brought forward ...                                                                                                                  | 7,660              | 5,040  |          |
|                        |               |             | LOCAL FUNDS UNDER ACT V<br>OF 1884—cont.                                                                                             |                    |        |          |
|                        |               |             | Communications—cont.                                                                                                                 |                    |        |          |
|                        |               |             | Repairs—cont.                                                                                                                        |                    |        |          |
| Tanjore ...            | Tanjore ...   | 16          | Road from Cauvery-Vennâr Regulator to Pudur, 1½ miles, at Rs. 35 per mile.                                                           | 50                 |        |          |
| Do. ...                | Do. ...       | 17          | Road along Cauvery right bank from Vennâr head to Thohoor, 2 miles, at Rs. 50 per mile.                                              | 100                |        |          |
| Do. ...                | Kumbakonam.   | 18          | Road No. 12 from Auduthorai to Tranquebar, 3½ miles, at Rs. 50 per mile.                                                             | 175                |        |          |
| Do. ...                | Do. ...       | 19          | Road No. 47 along the right bank of Thirumalarajenar 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 Anaikâra chattram, 1 to 7 miles inclusive, at Rs. 50 per mile.        | 350                |        |          |
| Do. ...                | Do. ...       | 21          | Road No. 79 along the south bank of Arasillâr, 3½ miles, at Rs. 40 per mile.                                                         | 130                |        |          |
| Do. ...                | Do. ...       | 22          | Road along the south bank of Thirumalarajenar to connect road No. 14 with No. 15, 3½ miles, at Rs. 60 per mile.                      | 190                |        |          |
| Do. ...                | Mâyavaram ... | 23          | Road No. 70 along the Coleroon south bank from lower anicut to Anaikâra chattram, 8th to 17th mile, at Rs. 50 per mile.              | 520                |        |          |
| Do. ...                | Do. ...       | 24          | Road No. 12 from Auduthorai to Tranquebar, 23 miles, at Rs. 75 per mile.                                                             | 1,725              |        |          |
| Do. ...                | Shiyâli ...   | 25          | Road No. 70 along the Coleroon south bank from lower anicut to Anaikâra chattram, 18th to 28th mile, at Rs. 50 per mile.             | 530                |        |          |
| Do. ...                | Do. ...       | 26          | Road No. 70 along the Coleroon south bank from lower anicut to Anaikâra chattram, 28th to 31st mile.                                 | 250                |        |          |
| Do. ...                | Nannilam ...  | 27          | Road No. 79 along Arasillâr south bank, 12½ miles, at Rs. 50 per mile.                                                               | 625                |        |          |
| Do. ...                | Do. ...       | 28          | Road No. 46 from Nagore to Kagalangery along the Vetâr south bank to connect road No. 16 with No. 35, 16½ miles, at Rs. 60 per mile. | 990                |        |          |
|                        |               |             | Carried over ...                                                                                                                     | 13,570             | 5,040  |          |

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 1888-89—*cont.*

| EXECUTIVE<br>DIVISION. | LOCALITY.      | ITEM<br>No. | NAME OF WORK.                                                                                                                          | GRANT,<br>1888-89. | TOTAL.       | REMARKS. |
|------------------------|----------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|----------|
|                        |                |             | Brought forward ...                                                                                                                    | Rs.<br>13,570      | Rs.<br>5,040 |          |
|                        |                |             | LOCAL FUNDS UNDER ACT V<br>OF 1884— <i>cont.</i>                                                                                       |                    |              |          |
|                        |                |             | <i>Communications—cont.</i>                                                                                                            |                    |              |          |
|                        |                |             | <i>Repairs—cont.</i>                                                                                                                   |                    |              |          |
| Tanjore ...            | Tanjore ...    | 29          | Road No. 6 from Tanjore to<br>Govindagudi, 10 miles, at<br>Rs. 90 per mile.                                                            | 900                |              |          |
| Negapatam ...          | Tiruturaipúndi | 30          | Road No. 51 from Maniyar along<br>the south bank of the Hari-<br>chandranadi, 13½ miles, at Rs.<br>100 per mile.                       | 1,340              |              |          |
| Do. ...                | Do. ...        | 31          | Road No. 63 from No. 26 near<br>Tiruturaipúndi or from Ponáni<br>to Kullimodoo, 11½ miles.                                             | 1,270              |              |          |
| Do. ...                | Mannárgudi...  | 32          | Road No. 51 from road No. 18<br>to Mudyar head and joining<br>road No. 35 and thence to<br>Thalamayer, 9 miles, at Rs. 75<br>per mile. | 673                |              |          |
| Do. ...                | Do. ...        | 33          | Road No. 90 along the north<br>bank of the Vennár from road<br>No. 15 and joining No. 38,<br>5½ miles, at Rs. 60 per mile.             | 315                |              |          |
| Do. ...                | Do. ...        | 34          | Road along the left bank of the<br>Korayar on road No. 23 to<br>Mudyar head, 4 miles, at Rs.<br>40 per mile.                           | 190                |              |          |
| Do. ...                | Negapatam ...  | 35          | Road No. 46 from Nagore to<br>Kangalangery along the Vet-<br>tár south bank.                                                           | 210                |              |          |
|                        |                |             | Total, Local Funds under Act V<br>of 1884.                                                                                             | ...                | 18,468       |          |
|                        |                |             | Total, Repairs ...                                                                                                                     | ...                | 23,508       |          |
|                        |                |             | CANAL AND FERRY FUND.                                                                                                                  |                    |              |          |
|                        |                |             | <i>Tools and Plant (Special).</i>                                                                                                      |                    |              |          |
| Godávári,<br>Eastern.  | .....          | 36          | Construction and repair of ferry<br>boats on the Kovur-Manjer<br>junction canal.                                                       | 500                |              |          |
| Do. ...                | .....          | 37          | Purchase of a steamer for the<br>Rajahmundry ferry.                                                                                    | 50,000             |              |          |
|                        |                |             | Total ...                                                                                                                              | ...                | 50,500       |          |