

Marine (1897) Department.

G.O., No. 507 *ma*

DATED 2 June 1897

*Removed from G.O. 507 ~~ma~~ 12-1-97*  
*19-6-97 24-5-97*  
*3734-01 592 ~~ma~~*  
*12-5-98 2-7-97*

[Despatch Abstract.]

*Incorporated and Local Board Budget Estimates*  
*D. W. Press: Circulating to Officers Concerned*  
*for guidance the final issue of the — for*  
*1897-98, Comd'g to the P. P. Officer.*

INDEXED

5/6/97

1897  
 1898  
 1899  
 1900  
 1901  
 1902  
 1903  
 1904  
 1905  
 1906  
 1907  
 1908  
 1909  
 1910  
 1911  
 1912  
 1913  
 1914  
 1915  
 1916  
 1917  
 1918  
 1919  
 1920  
 1921  
 1922  
 1923  
 1924  
 1925  
 1926  
 1927  
 1928  
 1929  
 1930  
 1931  
 1932  
 1933  
 1934  
 1935  
 1936  
 1937  
 1938  
 1939  
 1940  
 1941  
 1942  
 1943  
 1944  
 1945  
 1946  
 1947  
 1948  
 1949  
 1950  
 1951  
 1952  
 1953  
 1954  
 1955  
 1956  
 1957  
 1958  
 1959  
 1960  
 1961  
 1962  
 1963  
 1964  
 1965  
 1966  
 1967  
 1968  
 1969  
 1970  
 1971  
 1972  
 1973  
 1974  
 1975  
 1976  
 1977  
 1978  
 1979  
 1980  
 1981  
 1982  
 1983  
 1984  
 1985  
 1986  
 1987  
 1988  
 1989  
 1990  
 1991  
 1992  
 1993  
 1994  
 1995  
 1996  
 1997  
 1998  
 1999  
 2000  
 2001  
 2002  
 2003  
 2004  
 2005  
 2006  
 2007  
 2008  
 2009  
 2010  
 2011  
 2012  
 2013  
 2014  
 2015  
 2016  
 2017  
 2018  
 2019  
 2020  
 2021  
 2022  
 2023  
 2024  
 2025  
 2026  
 2027  
 2028  
 2029  
 2030  
 2031  
 2032  
 2033  
 2034  
 2035  
 2036  
 2037  
 2038  
 2039  
 2040  
 2041  
 2042  
 2043  
 2044  
 2045  
 2046  
 2047  
 2048  
 2049  
 2050  
 2051  
 2052  
 2053  
 2054  
 2055  
 2056  
 2057  
 2058  
 2059  
 2060  
 2061  
 2062  
 2063  
 2064  
 2065  
 2066  
 2067  
 2068  
 2069  
 2070  
 2071  
 2072  
 2073  
 2074  
 2075  
 2076  
 2077  
 2078  
 2079  
 2080  
 2081  
 2082  
 2083  
 2084  
 2085  
 2086  
 2087  
 2088  
 2089  
 2090  
 2091  
 2092  
 2093  
 2094  
 2095  
 2096  
 2097  
 2098  
 2099  
 2100  
 2101  
 2102  
 2103  
 2104  
 2105  
 2106  
 2107  
 2108  
 2109  
 2110  
 2111  
 2112  
 2113  
 2114  
 2115  
 2116  
 2117  
 2118  
 2119  
 2120  
 2121  
 2122  
 2123  
 2124  
 2125  
 2126  
 2127  
 2128  
 2129  
 2130  
 2131  
 2132  
 2133  
 2134  
 2135  
 2136  
 2137  
 2138  
 2139  
 2140  
 2141  
 2142  
 2143  
 2144  
 2145  
 2146  
 2147  
 2148  
 2149  
 2150  
 2151  
 2152  
 2153  
 2154  
 2155  
 2156  
 2157  
 2158  
 2159  
 2160  
 2161  
 2162  
 2163  
 2164  
 2165  
 2166  
 2167  
 2168  
 2169  
 2170  
 2171  
 2172  
 2173  
 2174  
 2175  
 2176  
 2177  
 2178  
 2179  
 2180  
 2181  
 2182  
 2183  
 2184  
 2185  
 2186  
 2187  
 2188  
 2189  
 2190  
 2191  
 2192  
 2193  
 2194  
 2195  
 2196  
 2197  
 2198  
 2199  
 2200  
 2201  
 2202  
 2203  
 2204  
 2205  
 2206  
 2207  
 2208  
 2209  
 2210  
 2211  
 2212  
 2213  
 2214  
 2215  
 2216  
 2217  
 2218  
 2219  
 2220  
 2221  
 2222  
 2223  
 2224  
 2225  
 2226  
 2227  
 2228  
 2229  
 2230  
 2231  
 2232  
 2233  
 2234  
 2235  
 2236  
 2237  
 2238  
 2239  
 2240  
 2241  
 2242  
 2243  
 2244  
 2245  
 2246  
 2247  
 2248  
 2249  
 2250  
 2251  
 2252  
 2253  
 2254  
 2255  
 2256  
 2257  
 2258  
 2259  
 2260  
 2261  
 2262  
 2263  
 2264  
 2265  
 2266  
 2267  
 2268  
 2269  
 2270  
 2271  
 2272  
 2273  
 2274  
 2275  
 2276  
 2277  
 2278  
 2279  
 2280  
 2281  
 2282  
 2283  
 2284  
 2285  
 2286  
 2287  
 2288  
 2289  
 2290  
 2291  
 2292  
 2293  
 2294  
 2295  
 2296  
 2297  
 2298  
 2299  
 2300  
 2301  
 2302  
 2303  
 2304  
 2305  
 2306  
 2307  
 2308  
 2309  
 2310  
 2311  
 2312  
 2313  
 2314  
 2315  
 2316  
 2317  
 2318  
 2319  
 2320  
 2321  
 2322  
 2323  
 2324  
 2325  
 2326  
 2327  
 2328  
 2329  
 2330  
 2331  
 2332  
 2333  
 2334  
 2335  
 2336  
 2337  
 2338  
 2339  
 2340  
 2341  
 2342  
 2343  
 2344  
 2345  
 2346  
 2347  
 2348  
 2349  
 2350  
 2351

The final issue of the — for 1897-98 circulated, with remarks, to officers concerned for guidance, and copies ordered to be forwarded to the Government of India.

GOVERNMENT OF MADRAS.  
PUBLIC WORKS DEPARTMENT.

General.  
Account.

READ—the following paper :—

Proceedings of the Government of India, Public Works Department (Account—Civil Works), dated Calcutta, 19th March 1897, No.  $\frac{17}{B.O.}$  A.—C.W.

Read—

Letter from the Chief Commissioner, Coorg, dated 2nd February 1897, No. 52.  
" " the Agent to the Governor-General, Rajputana, dated 22nd Feb. 1897, No. 641 S.  
" " the Chief Commissioner, Central Provinces, dated 24th Feb. 1897, No. 15/1308.  
" " the " " Burma, dated 8th Feb. 1897, No. 1510—24 A.  
" " the " " " 12th " " " 1798—23 A.  
" " the " " " 13th " " " 1850—26 A.  
" " the " " " 13th " " " 1852—25 A.  
" " the " " " 13th " " " 1852—25 A.  
Telegram from the Chief Commissioner, Burma, dated 19th Feb. 1897, No. 2200.  
" " the " " " 26th " " " 2415.  
Letter from the Chief Commissioner, Assam, dated 13th February 1897, No. 686.  
Telegram from the Chief Commissioner, Assam, dated 20th Feb. 1897, No. 58 A.  
Letter from the Chief Commissioner, Assam, dated 9th Feb. 1897, No. 580.  
Telegrams from the Chief Commissioner, Assam, dated 23rd Feb. 1897, Nos. 68 A. & 69 A.  
Letter from the Government of Bengal, dated 23rd Feb. 1897, No. 1138 A.  
" " the " " " 16th " " " 972 A.  
" " the Govt. of the N.-W. Provinces and Oudh, dated 18th Feb. 1897, No. 275 A.  
Telegram from the Govt. of the North-Western Provinces and Oudh, dated 25th Feb. 1897.  
Letter from the Government of the Punjab, dated 18th Feb. 1897, No. 1202.  
" " the " " " 18th " " " 1197.  
Telegram from the Government of the Punjab, dated 26th Feb. 1897, No. 165 T.  
" " the " " " 5th Mar. " " 171.  
Proceedings of the Government of Madras, " 16th Feb. " " 451 W.  
" " " " 22nd " " " 516 W.  
Telegram from the Government of Madras, " 26th Feb. 1897.  
Letter from the Government of Bombay, dated 17th February 1897, No. 83 A.—268.  
" " the " " " 13th " " " 2 A.—7.  
Telegram from the Government of Bombay, dated 8th March 1897, No. 79 T.

Resolution.—The revised and budget estimates of revenue and expenditure for 1896-97 and 1897-98, respectively, are passed by the Government of India for the amounts shown in the accompanying statement.

2. On a consideration of the progress of revenue and expenditure, the Government of India have increased the amounts proposed as the revised estimate of revenue from Provincial and Incorporated Local Civil Works in charge of Departmental officers in Madras by Rs. 14,000 and Rs. 3,000, respectively, and have reduced the amounts proposed as the revised estimates of expenditure on Provincial and Incorporated Local Civil Works in charge of Departmental officers as follows :—

|             |     |     |     |     |     | Provincial<br>Civil Works. | Incorporated<br>Local Civil<br>Works. |
|-------------|-----|-----|-----|-----|-----|----------------------------|---------------------------------------|
|             |     |     |     |     |     | RS.                        | RS.                                   |
| Lower Burma | ... | ... | ... | ... | ... | 30,000                     | 13,000                                |
| Assam       | ... | ... | ... | ... | ... | 21,000                     | 13,000                                |
| Bengal      | ... | ... | ... | ... | ... | 1,50,000                   | ...                                   |

4. The final issues of the Provincial and Incorporated Local Public Works Budget estimates should be prepared for the amounts passed and 50 \* copies despatched so as to reach the Government of India not later than the 1st May 1897.

*Order*—Ordered, that the foregoing be communicated to the Local Governments and Administrations noted in the margin, for information and guidance.]

(Signed) A. R. BECHER,  
Offg. Depy. Secy. to the Govt. of India.

## PROVINCIAL.

ORDER—No. 1241 W., dated 13th May 1897.

## INCORPORATED LOCAL FUNDS.

*Revenue.*

The revised and budget estimates of receipts under Incorporated Local Civil Works for 1896-97 and 1897-98 were set down at Rs. 3,700 each in the preliminary budget, but the Government of India having raised the amounts to Rs. 7,000 and Rs. 4,000, respectively, the latter figures have been adopted in the final issue of the budget.

*Expenditure.*

2. The revised estimate of charges for 1896-97, as shown in the preliminary issue of the budget, amounted to Rs. 40,872. The Government of India having fixed the amount at Rs. 41,000 in round figures, the estimate has been prepared for this sum, and the difference Rs. 128 added to the

\* G.O., No. 534 W., dated 24th Feb. 1897.

" " 761 W., " 15th Mar. "  
" " 825 W., " 22nd " "  
" " 906 W., " 30th " "

grant for establishment. The revised estimate omits to take into account a net additional grant of Rs. 3,374 sanctioned \* by the Local and Municipal Department after 25th February 1897, the time limit

fixed by the Government of India. The Examiner will explain the differences in the Finance Accounts for 1896-97.

3. The budget estimate of expenditure for 1897-98, as adopted in the preliminary budget, amounted to Rs. 66,667. As the Government of India has passed the estimate of Rs. 67,000 in round figures, the grant for establishment has been raised by Rs. 333.

4. The question of constructing a bridge across the Varahanadi having been dropped, the sum of Rs. 10,000, or Rs. 12,450 inclusive of percentage charges provided in the budget, will be separately withdrawn and replaced at the disposal of the Local and Municipal Department.

## EXCLUDED LOCAL.

5. The revised estimate of charges for 1896-97, as shown in the preliminary budget, amounted to Rs. 1,51,135. The modifications of grants subsequently sanctioned reduced the estimate to Rs. 1,22,778.

6. The budget estimate for 1897-98 under Port and University Fee Funds was prepared for Rs. 2,50,516. The provision made for the marginally-noted works

- Major Works.*
- (a) Constructing a residence for the Port officer at Gopalpur.
  - (b) Constructing a residence for the Port officer at Vizagapatam.
  - (c) Constructing a residence for the Port officer at Bimlipatam.
  - (d) Constructing a residence for the Port officer at Negapatam.
  - (e) Constructing a residence for the Port officer at Tuticorin.
  - (f) Erecting a floating stage at Mangalore.

- Minor Works.*
- (g) Constructing quarters for Light-keepers at Calicut.
  - (h) Replacing wire fencing round the light-house premises with laterite wall.

chargeable to Port Funds having since been ordered to be omitted, the grant for the Cocanada groynes for 1896-97 having been raised by an additional allotment of Rs. 8,000, and a sum of Rs. 62,250 having now been provided for the light-houses at False Point Divi and Manapad, the budget estimate for 1897-98 under Excluded Local Funds will stand at Rs. 2,08,799.

7. Orders will issue in the Financial Department for the sum of Rs. 2,05,064 shown under Port Funds, in lieu of Rs. 1,52,497 as applied for in memo., No. 2095 C., dated 10th April 1897, being placed at an early date at the disposal of the Public Works Department.

8. The sum of Rs. 3,735 shown in the budget under University Fee Fund, being a recurring charge, the provision has been allowed to stand. The Registrar, University of Madras, will be requested in the Educational Department to arrange for the early transfer of the amount to the Public Works Department.

9. As the Examiner reports that no grants from Municipal Funds for works can be treated as an addition to the Excluded Local budget estimate, the under-mentioned water-supply and drainage works which have been classified under Excluded Local have not been brought forward in the budget:—

- |                             |                                 |
|-----------------------------|---------------------------------|
| (1) Water-supply, Cocanada. | (3) Water-supply, Tirupati.     |
| (2) Do. Vizagapatam.        | (4) Drainage works, Ootacamund. |

10. The instructions contained in Government of India letter, No. 88 A.C.W., \* G.O., No. 917 W., dated 31st March 1897, dated 23rd March 1897, have been attended to.

11. With these remarks, the final issue of the Incorporated and Excluded Local Fund budget estimates for 1897-98 will be printed and circulated to the officers concerned for information and guidance, and 50 copies, as shown in the margin, will be forwarded to the Government of India, Public Works Department.

[Here enter No. 1242 W., dated 13th May 1897.]

(True Extract.)

*A. M. Whapp.*  
Under Secretary to Government.

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

INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

FINAL ISSUE.

---

Public Works Department.

---

BUDGET ESTIMATE

OF

REVENUE AND EXPENDITURE

UNDER

CIVIL WORKS

IN THE

MADRAS PRESIDENCY

FOR THE YEAR

1897-98.

---

MADRAS,  
18th May 1897.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,  
Secretary to Govt., P.W.D.

# INCORPORATED LOCAL FUNDS. CIVIL WORKS.

MADRAS.

## CONTENTS.

|                                                      | PAGE    |
|------------------------------------------------------|---------|
| ABSTRACT BUDGET ESTIMATE OF REVENUE ... ..           | 3       |
| DITTO OF EXPENDITURE ... ..                          | 4 & 5   |
| DETAILED BUDGET ESTIMATE OF EXPENDITURE—             |         |
| PART I.—Detail of Estimate for Original Works ... .. | 6 & 7   |
| PART II.—Ditto for Repairs ... ..                    | 8 to 11 |



INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

EXPENDITURE.

Abstract Budget Estimate of Expenditure on Civil Works in Madras for the year 1897-98.

|                                       | Actuals,<br>1895-96. | Budget<br>Estimate,<br>1896-97. | Revised<br>Estimate,<br>1896-97. | BUDGET ESTIMATE, 1897-98. |                              |        |
|---------------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------|------------------------------|--------|
|                                       |                      |                                 |                                  | Works in<br>progress.     | Works not<br>commen-<br>ced. | Total. |
| ORIGINAL WORKS.                       | Rs.                  | Rs.                             | Rs.                              | Rs.                       | Rs.                          | Rs.    |
| Civil buildings ... ..                | ...                  | ...                             | ...                              | ...                       | ...                          | ...    |
| Communications ... ..                 | 3,591                | 20,000                          | 1,635                            | ...                       | 19,016                       | 19,016 |
| Miscellaneous public improvements ... | ...                  | ...                             | 23                               | ...                       | ...                          | ...    |
| Total ...                             | 3,591                | 20,000                          | 1,658                            | ...                       | 19,016                       | 19,016 |
| REPAIRS.                              |                      |                                 |                                  |                           |                              |        |
| Civil buildings ... ..                | ...                  | ...                             | ...                              | ...                       | ...                          | ...    |
| Communications ... ..                 | 27,092               | 26,612                          | 25,932                           | ...                       | 26,833                       | 26,833 |
| Miscellaneous public improvements ..  | ...                  | ...                             | ...                              | ...                       | ...                          | ...    |
| Total ...                             | 27,092               | 26,612                          | 25,932                           | ...                       | 26,833                       | 26,833 |
| TOTAL, WORKS AND<br>REPAIRS.          |                      |                                 |                                  |                           |                              |        |
| Civil buildings ... ..                | ...                  | ...                             | ...                              | ...                       | ...                          | ...    |
| Communications ... ..                 | 30,683               | 46,612                          | 27,567                           | ...                       | 45,849                       | 45,849 |
| Miscellaneous public improvements ... | ...                  | ...                             | 23                               | ...                       | ...                          | ...    |
| Total ...                             | 30,683               | 46,612                          | 27,590                           | ...                       | 45,849                       | 45,849 |
| Establishment ... ..                  | 14,466               | 17,765                          | 12,953                           | ...                       | ...                          | 20,676 |
| Tools and plant ... ..                | 22,557               | 623                             | 457                              | ...                       | ...                          | 475    |
| Grand Total ...                       | 67,706               | 65,000                          | 41,000                           | ...                       | ...                          | 67,000 |

INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

Abstract of the Grants assigned by funds.

|                                       | FUNDS TO WHICH THE GRANTS FOR 1897-98 ARE CHARGEABLE. |                          |        |
|---------------------------------------|-------------------------------------------------------|--------------------------|--------|
|                                       | Local Funds under<br>Act V of 1884.                   | Canal and Ferry<br>Fund. | Total. |
| ORIGINAL WORKS.                       |                                                       |                          |        |
| Civil buildings ... ..                | ...                                                   | ...                      | ...    |
| Communications ... ..                 | 19,016                                                | ...                      | 19,016 |
| Miscellaneous public improvements ... | ...                                                   | ...                      | ...    |
| Total ...                             | 19,016                                                | ...                      | 19,016 |
| REPAIRS.                              |                                                       |                          |        |
| Civil buildings ... ..                | ...                                                   | ...                      | ...    |
| Communications ... ..                 | 26,833                                                | ...                      | 26,833 |
| Miscellaneous public improvements ... | ...                                                   | ...                      | ...    |
| Total ...                             | 26,833                                                | ...                      | 26,833 |
| Total, Works and Repairs ...          | 45,849                                                | ...                      | 45,849 |
| Establishment * ... ..                | 20,676                                                | ...                      | 20,676 |
| Tools and plant † ... ..              | 475                                                   | ...                      | 475    |
| Grand Total ...                       | 67,000                                                | ...                      | 67,000 |

\* Is made up of Rs. 4,224 being 23 per cent. on (Rs. 18,366), the total of the grants for item 2 under original works and items 2 and 41 under repairs, Rs. 15,934 for scrutiny of estimates and Rs. 185 being 5 per cent. on the estimated revenue of Rs. 3,700.  
† Is made up of Rs. 275 being 1½ per cent. on Rs. 18,366 mentioned above and Rs. 200 for special tools and plant.

INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

GOVERNMENT

Part

Detail of the Budget Estimate for Original

| Head of classification.                                           | Executive Division. | Locality.                                                           | Item No. | Projects and Works.                                                                          | Amount of Estimate. |
|-------------------------------------------------------------------|---------------------|---------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------|---------------------|
|                                                                   |                     |                                                                     |          |                                                                                              | Rs.                 |
| 1. Metalled Roads—                                                |                     |                                                                     |          | COMMUNICATIONS.                                                                              |                     |
| A. Bridged and drained through (Local Funds under Act V of 1884.) |                     |                                                                     |          | Major.                                                                                       |                     |
| Do.                                                               | Negapatam ...       | From Latch-mangudi to Thirunattai-thungudi.                         | 1        | Improving the village road from Latch-mangudi bridge on road No. 23 to Thirunattai-thungudi. | 9,650               |
| Do.                                                               | Madura ...          | Periyakulam...                                                      | 2        | Constructing a bridge across the Varahanadi.                                                 | ...                 |
| Do.                                                               | Negapatam ...       | From the village of Vi-dayapuram to Pandavayar head on road No. 58. | 3        | Minor.<br>Widening the Pandavayar left bank to the extent of 2 miles and 7 furlongs.         | ...                 |
| Total, Original Works ...                                         |                     |                                                                     |          |                                                                                              | ...                 |

MADRAS.

OF MADRAS.

L

works in Madras for the year 1897-98.

| OUTLAY.                    |                          | GRANT, 1897-98.    |                      |        | Item No. | Remarks and References.                                                                                                             |
|----------------------------|--------------------------|--------------------|----------------------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------|
| Actuals to end of 1895-96. | Probable during 1896-97. | Works in progress. | Works not commenced. | Total. |          |                                                                                                                                     |
| Rs.                        | Rs.                      | Rs.                | Rs.                  | Rs.    |          |                                                                                                                                     |
| ...                        | ...                      | ...                | 6,650                | ...    | 1        | G.O., No. 1412 W., dated 2nd May 1896.                                                                                              |
| ...                        | ...                      | ...                | 10,000               | 16,650 | 2        | This project has been abandoned and the grant will be withdrawn and replaced at the disposal of the Local and Municipal Department. |
| ...                        | ...                      | ...                | 2,366                | 2,366  | 3        | Sanction to estimate is awaited.                                                                                                    |
| ...                        | ...                      | ...                | ...                  | 19,016 | ...      |                                                                                                                                     |

INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

GOVERNMENT OF MADRAS.

Part II.

Detail of the Budget Estimate for Repairs to Civil Works in Madras for the year 1897-98.

| Executive Division. | Locality.                      | Item No. | Name of Work.                                                                               | Grant, 1897-98. | Total. | Remarks. |
|---------------------|--------------------------------|----------|---------------------------------------------------------------------------------------------|-----------------|--------|----------|
|                     |                                |          | LOCAL FUNDS UNDER ACT V OF 1884.                                                            | Rs.             | Rs.    |          |
|                     |                                |          | COMMUNICATIONS.                                                                             |                 |        |          |
|                     |                                |          | Repairs.                                                                                    |                 |        |          |
| Ganjám ...          | Left bank of Rushikulya canal. | 1        | Maintenance of Aska-Surada road.                                                            | 400             | ...    |          |
| Górávari ...        | ...                            | 2        | Maintenance of the Kovur-Manjair junction canal.                                            | 2,800           | ...    |          |
| Do. ...             | ...                            | 3        | Maintenance of the road on the Górávari left embankment, first 4 miles below anicut.        | 300             | ...    |          |
| Kistna North-ern.   | Bezwada ...                    | 4        | Reconstruction of road over Kistna anicut.                                                  | 1,000           | ...    |          |
| Kistna Eastern.     | Polraz canal...                | 5        | Maintenance of Kykalur road along Polraz canal left bank.                                   | 300             | ...    |          |
| Kistna Western.     | Nizampatam canal.              | 6        | Maintenance of canal left bank between Duggirala lock and Peddapudi river.                  | 600             | ...    |          |
| Do.                 | Kistna right bank.             | 7        | Maintenance of Kistna right bank between Ipur and Mortota.                                  | 975             | ...    |          |
| Do.                 | Main canal right bank.         | 8        | Maintenance of road on the right bank of main canal from 7-4 to 12-0.                       | 225             | ...    |          |
| Nellore ...         | Nellore ...                    | 9        | Gravelling the Pennéru anicut roadway.                                                      | 600             | ...    |          |
| South Arcot ...     | Chidambaram taluk.             | 10       | Repairing the road on the Coleroon bank, 20 miles, at Rs. 50 per mile.                      | 1,000           | ...    |          |
| Do. ...             | Do.                            | 11       | Repairing the road on the Vadar bank.                                                       | 500             | ...    |          |
| Do. ...             | Do.                            | 12       | Repairing the road on the right bank of Khan Sahib's canal.                                 | 300             | ...    |          |
| Do. ...             | Do.                            | 13       | Repairing the road on the Coleroon flood embankment from Puliangudi to Valliamman chattram. | 1,050           | ...    |          |
| Do. ...             | Do.                            | 14       | Maintenance of the Goverapet road.                                                          | 90              | ...    |          |
| Do. ...             | Do.                            | 15       | Maintenance of the road from Shatiatope to Omumpuliyur via Veeranam tank bund.              | 980             | ...    |          |
| Do. ...             | Do.                            | 16       | Maintenance of the Karupur road.                                                            | 75              | ...    |          |
|                     |                                |          | Carried over ...                                                                            | 11,195          | ...    |          |

INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

GOVERNMENT OF MADRAS.

PART II—cont.

Detail of the Budget Estimate for Repairs to Civil Works in Madras for the year 1897-98—cont.

| Executive Division. | Locality.         | Item No. | Name of Work.                                                                                                        | Grant, 1897-98. | Total.  | Remarks. |
|---------------------|-------------------|----------|----------------------------------------------------------------------------------------------------------------------|-----------------|---------|----------|
|                     |                   |          | Brought forward ...                                                                                                  | Rs. 11,195      | Rs. ... |          |
|                     |                   |          | LOCAL FUNDS UNDER ACT V OF 1884—cont.                                                                                |                 |         |          |
|                     |                   |          | COMMUNICATIONS—cont.                                                                                                 |                 |         |          |
|                     |                   |          | Repairs—cont.                                                                                                        |                 |         |          |
| Tanjore ...         | Tanjore taluk.    | 17       | Road from the Cauvery-Vennár regulators to Pillai Voikal on the Cauvery right bank, 1½ miles, at Rs. 35 per mile.    | 50              | ...     |          |
| Do. ...             | Do.               | 18       | Road from Thirukattupalli to Palmanér along the Cauvery right bank.                                                  | 40              | ...     |          |
| Do. ...             | Do.               | 19       | Road No. 90 along the north bank of Vennár, east of road No. 40 to Oodaramangalam, 3½ miles, at Rs. 60 per mile.     | 210             | ...     |          |
| Do. ...             | Do.               | 20       | Road along the Vennár left bank from road No. 39 to Hari-dwaramangalam, 6 miles, at Rs. 50 per mile.                 | 300             | ...     |          |
| Do. ...             | Do.               | 21       | Road along the Vennár right bank from road No. 39 eastwards, 3 miles, at Rs. 50 per mile.                            | 150             | ...     |          |
| Do. ...             | Do.               | 22       | Road No. 6 from railway to road No. 39 along the right bank of Vettár, 2½ miles, at Rs. 90 per mile.                 | 225             | ...     |          |
| Do. ...             | Do.               | 23       | Road on the Vettár left bank from Aiyampatti to road No. 39.                                                         | 75              | ...     |          |
| Do. ...             | Kumbakonam taluk. | 24       | Road No. 70 along the Coleroon south bank from Lower anicut to Anaikaran chattram, 1 to 7 miles, at Rs. 50 per mile. | 350             | ...     |          |
| Do. ...             | Do.               | 25       | Road No. 12 along the Veerasholam right bank from Audu-thorai to Tranquebar, 3½ miles, at Rs. 50 per mile.           | 175             | ...     |          |
| Do. ...             | Do.               | 26       | Road No. 79 along the right bank of the Arasilar, 3½ miles, at Rs. 40 per mile.                                      | 130             | ...     |          |
| Do. ...             | Do.               | 27       | Road No. 47 along the right bank of Thirumalarajanar from road No. 14, eastwards.                                    | 120             | ...     |          |
|                     |                   |          | Carried over ...                                                                                                     | 13,020          | ...     |          |

INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

GOVERNMENT OF MADRAS.

PART II—cont.

Detail of the Budget Estimate for Repairs to Civil Works in Madras for the year 1897-98—cont.

| Executive Division. | Locality.              | Item No. | Name of Work.                                                                                                                                | Grant, 1897-98. | Total.  | Remarks. |
|---------------------|------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|----------|
|                     |                        |          | Brought forward ...                                                                                                                          | Rs. 13,020      | Rs. ... |          |
|                     |                        |          | LOCAL FUNDS UNDER ACT V OF 1884—cont.                                                                                                        |                 |         |          |
|                     |                        |          | COMMUNICATIONS—cont.                                                                                                                         |                 |         |          |
|                     |                        |          | Repairs—cont.                                                                                                                                |                 |         |          |
| Tanjore—cont.       | Kumbakonam taluk—cont. | 28       | Maintaining 2 miles of road along the left bank of the Kodamurti river.                                                                      | 50              | ...     |          |
| Do.                 | Máyavaram taluk.       | 29       | Road No. 12 along the Veerasholam right bank from Auduthorai to Tranquebar, 23 miles, at Rs. 75 per mile.                                    | 1,725           | ...     |          |
| Do.                 | Do.                    | 30       | Road No. 70 along the Coleroon right bank from Lower anicut to Anaikaran chattram, 8 to 17 miles, at Rs. 50 per mile.                        | 500             | ...     |          |
| Do.                 | Shiyáli taluk...       | 31       | Road No. 70 along the Coleroon right bank from Lower anicut to Anaikaran chattram, 18 to 31 miles, at Rs. 50 per mile.                       | 700             | ...     |          |
| Do.                 | Nannilam taluk         | 32       | Road No. 79 along the Arasilar right bank, 12½ miles, at Rs. 50 per mile.                                                                    | 625             | ...     |          |
| Do.                 | Do.                    | 33       | Road No. 46 along the Vettár south bank to connect road No. 16 with road No. 35, 4½ miles, at Rs. 60 per mile.                               | 270             | ...     |          |
| Do.                 | Tanjore taluk.         | 34       | Road from Cauvery-Vennár regulators to Arasangudi.                                                                                           | 40              | ...     |          |
| Negapatam           | Negapatam taluk.       | 35       | Road No. 46 along the Vettár left bank, 2 miles.                                                                                             | 210             | ...     |          |
| Do.                 | Tirutturaipundi taluk. | 36       | Road No. 51 from Muniyar along the Harichandranadi left bank, 13½ miles.                                                                     | 945             | ...     |          |
| Do.                 | Do.                    | 37       | Road No. 63 from road No. 26 near Tirutturaipundi or from Ponnáni to Kullimodu on the left bank of the Adappar, 11½ miles.                   | 987             | ...     |          |
| Do.                 | Mannárgudi taluk.      | 38       | Road No. 51 from road No. 15 at Mulliyar head and joining road No. 35 and thence to the Thalanayar on the right bank of the Harichandranadi. | 540             | ...     |          |
| Do.                 | Do.                    | 39       | Road No. 90 along the left bank of Vennár from road No. 15 adjoining road No. 38, 5½ miles, at Rs. 60 per mile.                              | 315             | ...     |          |
|                     |                        |          | Carried over ...                                                                                                                             | 19,927          | ...     |          |

INCORPORATED LOCAL FUNDS.  
CIVIL WORKS.

GOVERNMENT OF MADRAS.

PART II—cont.

Detail of the Budget Estimate for Repairs to Civil Works in Madras for the year 1897-98—cont.

| Executive Division. | Locality.                       | Item No. | Name of Work.                                                                                         | Grant, 1897-98. | Total.  | Remarks. |
|---------------------|---------------------------------|----------|-------------------------------------------------------------------------------------------------------|-----------------|---------|----------|
|                     |                                 |          | Brought forward ...                                                                                   | Rs. 19,927      | Rs. ... |          |
|                     |                                 |          | LOCAL FUNDS UNDER ACT V OF 1884—cont.                                                                 |                 |         |          |
|                     |                                 |          | COMMUNICATIONS—cont.                                                                                  |                 |         |          |
|                     |                                 |          | Repairs—cont.                                                                                         |                 |         |          |
| Negapatam—cont.     | Mannárgudi taluk—cont.          | 40       | Road along the left bank of the Koraiyar on road No. 23 to Mulliyar head, 4 miles.                    | 270             | ...     |          |
| Do.                 | Do.                             | 41       | Moiety of difference between the traffic receipts and the cost of maintenance of Védá-ranniyam canal. | 5,566           | ...     |          |
| Trichinopoly ...    | Trichinopoly & Udaiyárpálaiyam. | 42       | Road No. 20 from Sirudayur via Sankarayur to Lower anicut, 20 miles, at Rs. 50 per mile.              | 1,000           | ...     |          |
| Do.                 | Musiri                          | 43       | Maintaining Aiyar Konakarai flood bank as a road, 4,600 feet.                                         | 70              | ...     |          |
|                     |                                 |          | Total ...                                                                                             | ...             | 26,833  |          |
|                     |                                 |          | TOOLS AND PLANT.                                                                                      |                 |         |          |
| Gó dávari Eastern.  | ...                             | 44       | Repairs of ferry boats on Kovur-Munjair junction canal.                                               | 200             | 200     |          |

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

FINAL ISSUE.

---

Public Works Department.

---

BUDGET ESTIMATE

OF

REVENUE AND EXPENDITURE

UNDER

CIVIL WORKS

IN THE

MADRAS PRESIDENCY

FOR THE YEAR

1897-98.

MADRAS,  
13th May 1897.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,  
Secretary to Govt., P.W.D.

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

CONTENTS.

|                                                                | PAGE  |
|----------------------------------------------------------------|-------|
| ABSTRACT BUDGET ESTIMATE OF REVENUE ... ..                     | 2     |
| DITTO                      OF EXPENDITURE ... ..               | 3 & 4 |
| DETAILED BUDGET ESTIMATE OF EXPENDITURE—                       |       |
| PART I.—Detail of Estimate for Original Works ... ..           | 5 & 6 |
| PART II.—    Do.            for Minor Works and Repairs ... .. | 7 & 8 |

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

REVENUE.

*Abstract Budget Estimate of Revenue from Civil Works in Madras for the year 1897-98.*

|                                                | Actuals,<br>1895-96. | Budget<br>Estimate,<br>1896-97. | Revised<br>Estimate,<br>1896-97. | Budget<br>Estimate,<br>1897-98. |
|------------------------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
|                                                | Rs.                  | Rs.                             | Rs.                              | Rs.                             |
| Realised in the Public Works Department ...    | ...                  | ...                             | ...                              | ...                             |
| Realised in Civil and Military Departments ... | ...                  | ...                             | ...                              | ...                             |
| Total ...                                      | ...                  | ...                             | ...                              | ...                             |

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

EXPENDITURE.

Abstract Budget Estimate of Expenditure on Civil Works in Madras for the year 1897-98.

|                                    | Actuals,<br>1895-96. | Budget<br>Estimate,<br>1896-97. | Revised<br>Estimate,<br>1896-97. | Budget Estimate, 1897-98. |                         |          |
|------------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------|-------------------------|----------|
|                                    |                      |                                 |                                  | Works in<br>progress.     | Works not<br>commenced. | Total.   |
| ORIGINAL WORKS.                    |                      |                                 |                                  |                           |                         |          |
|                                    | Rs.                  | Rs.                             | Rs.                              | Rs.                       | Rs.                     | Rs.      |
| Civil buildings ... ..             | 9,230                | 20,350                          | 19,627                           | ...                       | 33,040                  | 33,040   |
| Communications ... ..              | ...                  | ...                             | ...                              | ...                       | ...                     | ...      |
| Miscellaneous public improvements. | 60,322               | ...                             | 72,802                           | 36,400                    | 90,260                  | 1,26,660 |
| Total ...                          | 69,552               | 20,350                          | 92,429                           | 36,400                    | 1,23,300                | 1,59,700 |
| REPAIRS.                           |                      |                                 |                                  |                           |                         |          |
| Civil buildings ... ..             | 5,482                | 6,000                           | 6,702                            | ...                       | 3,600                   | 3,600    |
| Communications ... ..              | ...                  | ...                             | ...                              | ...                       | ...                     | ...      |
| Miscellaneous public improvements. | 5,131                | 4,520                           | 5,587                            | ...                       | 4,410                   | 4,410    |
| Total ...                          | 10,613               | 10,520                          | 12,289                           | ...                       | 8,010                   | 8,010    |
| TOTAL, WORKS AND REPAIRS.          |                      |                                 |                                  |                           |                         |          |
| Civil buildings ... ..             | 14,712               | 26,350                          | 26,329                           | ...                       | 36,640                  | 36,640   |
| Communications ... ..              | ...                  | ...                             | ...                              | ...                       | ...                     | ...      |
| Miscellaneous public improvements. | 65,453               | 4,520                           | 78,389                           | 36,400                    | 94,670                  | 1,31,070 |
| Total ...                          | 80,165               | 30,870                          | 1,04,718                         | 36,400                    | 1,31,310                | 1,67,710 |
| Establishment ... ..               | 13,726               | 7,100                           | 16,998                           | ...                       | ...                     | 38,573   |
| Tools and plant ... ..             | 830                  | 463                             | 1,062                            | ...                       | ...                     | 2,516    |
| Grand Total ...                    | 94,721               | 38,433                          | 1,22,778                         | ...                       | ..                      | 2,08,799 |

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

|                                          |     |     |     |     |     |     |     | FUNDS TO WHICH THE GRANTS FOR 1897-98 ARE CHARGEABLE. |            |          |
|------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------------------------------------------|------------|----------|
|                                          |     |     |     |     |     |     |     | University Fee Fund.                                  | Port Fund. | Total.   |
| ORIGINAL WORKS.                          |     |     |     |     |     |     |     | Rs.                                                   | Rs.        | Rs.      |
| Civil buildings ... ..                   | ... | ... | ... | ... | ... | ... | ... | ...                                                   | 33,040     | 33,040   |
| Communications ... ..                    | ... | ... | ... | ... | ... | ... | ... | ...                                                   | ...        | ...      |
| Miscellaneous public improvements ... .. | ... | ... | ... | ... | ... | ... | ... | ...                                                   | 1,26,660   | 1,26,660 |
| Total ...                                | ... | ... | ... | ... | ... | ... | ... | ...                                                   | 1,59,700   | 1,59,700 |
| REPAIRS.                                 |     |     |     |     |     |     |     |                                                       |            |          |
| Civil buildings ... ..                   | ... | ... | ... | ... | ... | ... | ... | 3,000                                                 | 600        | 3,600    |
| Communications ... ..                    | ... | ... | ... | ... | ... | ... | ... | ...                                                   | ...        | ...      |
| Miscellaneous public improvements ... .. | ... | ... | ... | ... | ... | ... | ... | ...                                                   | 4,410      | 4,410    |
| Total ...                                | ... | ... | ... | ... | ... | ... | ... | 3,000                                                 | 5,010      | 8,010    |
| Total, Works and Repairs ...             |     |     |     |     |     |     |     | 3,000                                                 | 1,64,710   | 1,67,710 |
| Establishment ... ..                     | ... | ... | ... | ... | ... | ... | ... | 690                                                   | 37,883     | 38,573   |
| Tools and plant ... ..                   | ... | ... | ... | ... | ... | ... | ... | 45                                                    | 2,471      | 2,516    |
| Grand Total ...                          | ... | ... | ... | ... | ... | ... | ... | 3,735                                                 | 2,05,064   | 2,08,799 |

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

GOVERNMENT

Part

Detail of the Budget Estimate for Original

| Detail of the Budget Estimate for Original |                     |            |          |                                                |                     |
|--------------------------------------------|---------------------|------------|----------|------------------------------------------------|---------------------|
| Funds.                                     | Executive Division. | Locality.  | Item No. | Projects and Works.                            | Amount of Estimate. |
| Excluded Local Port Funds.                 | West Coast ...      | Cochin ... | 1        | CIVIL BUILDINGS.                               | Rs.                 |
|                                            |                     |            |          | Major Works.                                   |                     |
|                                            |                     |            |          | Constructing a residence for the Port officer. | ...                 |
|                                            |                     |            |          | Do. do.                                        | ...                 |
|                                            |                     |            |          | Minor works                                    | ...                 |
|                                            |                     |            |          | Reserve with the Government                    | ...                 |
|                                            |                     |            |          | Total, Civil Buildings                         | ...                 |
|                                            |                     |            |          | MISCELLANEOUS PUBLIC IMPROVEMENTS.             |                     |
|                                            |                     |            |          | Major Works.                                   |                     |
|                                            |                     |            |          | Extending the river jetties                    | 74,400              |
|                                            |                     |            |          | Lighthouse at False Point                      | ...                 |
|                                            |                     |            |          | Pier                                           | ...                 |
|                                            |                     |            |          | Lighthouse                                     | ...                 |
|                                            |                     |            |          | Minor Works                                    | ...                 |
|                                            |                     |            |          | Total, Miscellaneous Public Improvements.      | ...                 |
|                                            |                     |            |          | Total, Original Works                          | ...                 |

[ 5 ]

OF MADRAS.

I.

Works in Madras for the year 1897-98.

| OUTLAY.                   |                          | GRANT, 1897-98. |          | Item No. | Remarks and References.                      |
|---------------------------|--------------------------|-----------------|----------|----------|----------------------------------------------|
| Actual to end of 1896-96. | Probable during 1896-97. | Amount.         | Total.   |          |                                              |
| Rs.                       | Rs.                      | Rs.             | Rs.      |          |                                              |
| ...                       | ...                      | 15,000          |          | 1        | Estimate is awaited.                         |
| ...                       | ...                      | 15,040          | 30,040   | 2        | Do.                                          |
| ...                       | ...                      | ...             | ...      |          |                                              |
| ...                       | ...                      | ...             | 3,000    |          |                                              |
| ...                       | ...                      | ...             | 33,040   |          |                                              |
| ...                       | ...                      | ...             | ...      |          |                                              |
| ...                       | 38,000                   | 36,400          |          | 3        | G.O., No. 3357 W., dated 23rd November 1896. |
| ...                       | ...                      | 40,000          |          | 4        | G.O., No. 670 W., dated 8th March 1897.      |
| ...                       | ...                      | 31,000          |          | 5        | Estimate is awaited.                         |
| ...                       | ...                      | 10,000          | 1,17,400 | 6        | Do.                                          |
| ...                       | ...                      | ...             | 9,260    |          |                                              |
| ...                       | ...                      | ...             | 1,26,660 |          |                                              |
| ...                       | ...                      | ...             | 1,59,700 |          |                                              |

[ 6 ]

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

PART II.

Detail of the Budget Estimate of Minor Original Works under Civil Works in Madras for the year 1897-98.

| Executive Division. | Locality.     | Item No. | Name of Work.                                                                             | Grant, 1897-98. | Total. | Remarks. |
|---------------------|---------------|----------|-------------------------------------------------------------------------------------------|-----------------|--------|----------|
|                     |               |          | EXCLUDED LOCAL PORT FUND.                                                                 | Rs.             | Rs.    |          |
|                     |               |          | MINOR WORKS.                                                                              |                 |        |          |
|                     |               |          | Miscellaneous Public Improvements.                                                        |                 |        |          |
| West Coast ...      | Calicut ...   | 1        | Providing davits to hoist the port boat on north side of the pier with fittings complete. | 350             |        |          |
| Do. ...             | Do. ...       | 2        | Constructing beacons to mark the Coote reef.                                              | 500             |        |          |
| Do. ...             | Cochin ...    | 3        | Constructing two rough stone groynes of a length of 50' each for the Ponani Port.         | 1,800           |        |          |
| Do. ...             | Do. ...       | 4        | Constructing a sea wall.                                                                  | 2,200           |        |          |
| Do. ...             | Malpe ...     | 5        | Constructing a landing stage.                                                             | 2,000           |        |          |
| Negapatam ...       | Negapatam ... | 6        | Jetty ...                                                                                 | 2,410           |        |          |
|                     |               |          | Total, Miscellaneous Public Improvements ...                                              | ...             | 9,260  |          |
|                     |               |          | Total, Minor Original Works.                                                              | ...             | 9,260  |          |

EXCLUDED LOCAL FUNDS.  
CIVIL WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

PART II—continued.

Detail of the Budget Estimate for Repairs to Civil Works in Madras during 1897-98.

| Executive Division. | Locality.       | Item No. | Name of work.                                                                                 | Grant, 1897-98. | Total. | Remarks. |
|---------------------|-----------------|----------|-----------------------------------------------------------------------------------------------|-----------------|--------|----------|
|                     |                 |          | EXCLUDED LOCAL PORT FUND.                                                                     | Rs.             | Rs.    |          |
|                     |                 |          | REPAIRS.                                                                                      |                 |        |          |
|                     |                 |          | Civil Buildings.                                                                              |                 |        |          |
| Ganjám ...          | Gopalpur ...    | 1        | Repairs to the light-keeper's shed.                                                           | 100             |        |          |
| Tanjore ...         | Negapatam ...   | 2        | Repairs to the Port office ...                                                                | 500             |        |          |
|                     |                 |          | Total, Civil Buildings ...                                                                    | ...             | 600    |          |
|                     |                 |          | Miscellaneous Public Improvements.                                                            |                 |        |          |
| Ganjám ...          | Gopalpore ...   | 3        | Repairs to the boundary pillars.                                                              | 120             |        |          |
| Do. ...             | Do. ...         | 4        | Do. to Sonapur port marks.                                                                    | 150             |        |          |
| Do. ...             | Barwa ...       | 5        | Do. to port marks ...                                                                         | 150             |        |          |
| Kistna Eastern.     | Devi Island ... | 6        | Do. to the lighthouse ...                                                                     | 700             |        |          |
| Tanjore ...         | Negapatam ...   | 7        | Do. to the lighthouse and its bottom rooms and to Point Calimere lighthouse and its quarters. | 500             |        |          |
| South Arcot ...     | Porto Novo ...  | 8        | Repairs to wharf ...                                                                          | 600             |        |          |
| Do. ...             | Do. ...         | 9        | Removing the silt around the wharf.                                                           | 690             |        |          |
| Tinnevelly ...      | Hare Island ... | 10       | Repairs to lighthouse ...                                                                     | 200             |        |          |
| Do. ...             | Manapad ...     | 11       | Do. do. ...                                                                                   | 400             |        |          |
| Do. ...             | Muttum ...      | 12       | Do. do. ...                                                                                   | 900             |        |          |
|                     |                 |          | Total, Miscellaneous Public Improvements ...                                                  | ...             | 4,410  |          |
|                     |                 |          | Total, Excluded Local Port Fund, Repairs ...                                                  | ...             | 5,010  |          |
|                     |                 |          | UNIVERSITY FEE FUND.                                                                          |                 |        |          |
|                     |                 |          | REPAIRS.                                                                                      |                 |        |          |
|                     |                 |          | Civil Buildings.                                                                              |                 |        |          |
| Architect ...       | Madras ...      |          | Repairs to the Senate House...                                                                | 3,000           | 3,000  |          |
|                     |                 | 13       | Grand Total, Repairs ...                                                                      | ...             | 8,010  |          |