

- (1) பக்கங்களின் எண்ணிக்கை 92  
 (2) புதுக்கித் திருப்பிய நாள் 12/89  
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/89

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. 40 துறை

|                                                   |                  |
|---------------------------------------------------|------------------|
| அரசாணை எண்.<br>மு. கோப்புத் தாள் எண். <u>2241</u> | அச்சகம்<br>பலவகை |
| நாள் : <u>18.8.1890</u>                           | 198 .            |

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

*[Signature]*

18TH AUGUST 1890, No. <sup>12</sup> 2241 W. PUBLIC WORKS.

2241  
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONORABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

We have the honor to forward herewith five copies of each of the following budget estimates of the Public Works Department for the year 1890-91:—

*Final Issue.*

- |                               |                                             |
|-------------------------------|---------------------------------------------|
| (1) Imperial Military Works.  | (5) Excluded Local Funds.                   |
| (2) Imperial Civil Works.     | (6) Irrigation, Major Works.                |
| (3) Provincial Civil Works.   | (7) Irrigation, Minor Works and Navigation. |
| (4) Incorporated Local Funds. |                                             |

2. With reference to your Lordship's despatch No. 7 Public Works, dated 18th August 1887, we attach a statement showing the approximate amount of establishment charges applicable to the construction of the Periyár and the Rushikulya Projects, the only works in progress in this Presidency, on which special establishments are exclusively employed.

3. The actual cost of establishment employed on the Periyár Project during 1889-90 exceeded \* the amount estimated

|               | Works.   | Establishment. | Percentage. |
|---------------|----------|----------------|-------------|
| * Actuals ... | 5,54,627 | 1,70,536       | 30.7        |
| Estimate ...  | 5,01,340 | 1,47,963       | 24.6        |

in the statement submitted with our letter No. <sup>12</sup> 1676 W., dated 26th June 1889,

and the excess is due to increases in the upper subordinate, lower subordinate, petty and office establishments which were considered necessary. It will be observed from the accompanying statement that the estimated cost for 1890-91 is 1.8 per cent. less than the actuals for 1889-90, and it is hoped that the proportionate charge for establishment will gradually decrease as the Project advances.

4. In the case of the Rushikulya Project, the estimated cost of establishment to be employed during 1890-91 is in excess of the actuals and the estimate for 1889-90 as shown in the margin. The excess is due to increases in the upper subordinate, lower subordinate, petty and office establishments and corresponding increases under travelling allowances and contingencies, which could not be avoided, considering the remote and unhealthy character of the locality.

|                         | Works.<br>Rs. | Establish-<br>ment.<br>Rs. | Percentage. |
|-------------------------|---------------|----------------------------|-------------|
| Estimate for 1890-91... | 2,38,211      | 72,801                     | 30.9        |
| Actuals for 1889-90...  | 2,50,394      | 70,060                     | 27.9        |
| Estimate for 1889-90... | 2,30,000      | 56,046                     | 24.4        |

We have the honor to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) CONNEMARA.

( " ) C. G. ARBUTHNOT.

( " ) J. H. GARSTIN.

( " ) J. GROSE.

OCTACAMUND,  
18th August 1890.

Ed. J. Moses.

STATEMENT showing the approximate estimated amount of Establishment charges applicable to works under construction in 1890-91.

| STATEMENT showing the approximate estimated amount of establishment charges of 11 |                               |                                             |                            |        |           |                    |                    |        |           |         |                       |                |          |              |                                                     |
|-----------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|----------------------------|--------|-----------|--------------------|--------------------|--------|-----------|---------|-----------------------|----------------|----------|--------------|-----------------------------------------------------|
| ESTABLISHMENT.                                                                    |                               |                                             |                            |        |           |                    |                    |        |           |         |                       |                |          |              |                                                     |
| System of works for which Capital and Revenue Accounts are kept.                  | Capital expenditure on works. | Direction and Accounts.                     |                            |        |           | Construction.      |                    |        |           |         |                       |                |          | Grand Total. | Percentage of establishment on Capital expenditure. |
|                                                                                   |                               | Chief Engineer and Superintending Engineer. | Accounts (Central Office). | Total. | Engineer. | Upper Subordinate. | Lower Subordinate. | Petty. | Accounts. | Office. | Travelling Allowance. | Contingencies. | Total.   |              |                                                     |
| 1                                                                                 | 2                             | 3                                           | 4                          | 5      | 6         | 7                  | 8                  | 9      | 10        | 11      | 12                    | 13             | 14       | 15           | 16                                                  |
| <i>Periyar Project.</i>                                                           | RS.                           | RS.                                         | RS.                        | RS.    | RS.       | RS.                | RS.                | RS.    | RS.       | RS.     | RS.                   | RS.            | RS.      | RS.          |                                                     |
| Rateable share of General Provincial Establishment                                | { (a) 6,74,345 }              | (b) 15,110                                  | 11,382                     | 27,492 | 48,400    | 38,568             | 5,100              | 8,316  | 3,056     | 15,224  | 13,512                | 4,500          | 1,57,576 | 27,492       | 28.9                                                |
| Charge for Establishment to be actually employed on the work                      |                               |                                             |                            |        |           |                    |                    |        |           |         |                       |                |          | 1,47,474     |                                                     |
|                                                                                   |                               |                                             |                            |        |           |                    |                    |        |           |         |                       |                |          | 1,74,966     |                                                     |
| <i>Rushikulya Project.</i>                                                        | RS.                           | RS.                                         | RS.                        | RS.    | RS.       | RS.                | RS.                | RS.    | RS.       | RS.     | RS.                   | RS.            | RS.      | RS.          |                                                     |
| Rateable share of General Provincial Establishment                                | { (d) 2,33,211 }              | (e) 5,927                                   | 4,468                      | 11,413 | 22,800    | 12,012             | 600                | 6,708  | 840       | 5,652   | 6,576                 | 1,254          | 56,472   | 11,413       | 30.9                                                |
| Charge for Establishment to be actually employed on the work                      |                               |                                             |                            |        |           |                    |                    |        |           |         |                       |                |          | 82,388       |                                                     |
|                                                                                   |                               |                                             |                            |        |           |                    |                    |        |           |         |                       |                |          | 77,801       |                                                     |

(a) Excludes Rs. 14,555 on account of land.  
(b) Establishment charge on account of Chief Engineer, Periyar Project, for six months as per budget for 1890-91.  
(c) Do. do. of Superintending Engineer for six months as per budget for 1890-91.  
(d) Excludes Rs. 51,000 on account of land.  
(e) Establishment charge on account of Chief Engineer for Irrigation.  
(f) Do. do. of Superintending Engineer.

MADRAS,  
2nd July 1890.

(Signed) C. H. P. CHRISTIE, Major, R.E.,  
Examiner, Public Works Accounts, Madras.

2241  
2

GOVT. OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

LETTER to the Right Honorable  
the Secretary of State for  
India.

No. <sup>12</sup><sub>2241 W.</sub> dated 18th Aug. 1890.

Forwarding, with remarks, Final Issues of the  
Budget Estimates of the Public Works Depart-  
ment for 1890-91.

4658  
5 JUL 1890

(C. No. <sup>1201</sup><sub>8</sub>)

GOVT.  
OF MADRAS.

1890.

P. W.  
DEPT.

EXAMINER, P. W. ACCOUNTS.

KEEP-WITH

CURRENT No.

Madras, 2<sup>d</sup> July 1890.

OFFICE NOTE No. 3881.

dated

189

To

W.

With reference to P.W.Code para  
1472 A, I beg to submit herewith the  
statement showing the approximate es-  
timated amount of establishment charges  
applicable to Periyar and Rushikulya  
Projects for 1890-91.

M. 2918C 4/4 July 1890  
1890 (Enclosure)

The statement sub-  
mitted by you cannot  
be forwarded to the  
Secretary of State without  
sufficient explanation  
as to the cause which  
tended to increase the  
establishment charges for  
1890-91 over those for  
1889-90. Please therefore

resubmit the statement  
with the necessary  
explanation

5013

4-7-90

Sh

6905  
PW Cd: 6282

Rd 5-7-90  
22-7-90  
Encls:

40 4374 of 21-7-90

To W.

Enc 3

The percentages for 1889-90 were based on estimate and a comparison of the estimate with actuals for the same year gives the following results:-

In the case of the Periyar Project, the estimate compared with actuals stands as follows:-

| Works             | Establishment | Percentage |
|-------------------|---------------|------------|
| Estimate 8,01,340 | 1,47,983      | 24.6       |
| Actuals 5,54,827  | 1,70,536      | 30.7       |

and shows that the outlay on works was over-estimated while that on establishment was under-estimated.

2. The estimated cost of establishment for 1889-90 was based on the audits for March 1889 while the actual audits for the year was Rs.22,573 in excess of the estimate due to increases in the Upper Subordinate Lower Subordinate, Petty & Office establishments &

2241/5  
corresponding increase under the heads travelling allowance and contingencies. Comparing the actual percentage for 1889-90 with the estimated percentage for 1890-91, the latter shows a decrease of 1.8 per cent due to the larger estimated outlay for works in 1890-91, by Rs.49,718 in excess of the actuals for the previous year.

3. In the case of the Rushikulya Project, the estimate for 1889-90 compared with actuals stands as follows:-

| Works             | Establishment | Percentage |
|-------------------|---------------|------------|
| Estimate 2,30,000 | 58,048        | 24.4       |
| Actuals 2,50,394  | 70,060        | 27.9       |

In this case, it will be seen that the actual outlay on works exceeds estimate by Rs.20,394 only while the actual cost of establishment exceeded the estimate by Rs.14,014.

4. Comparing the actuals for 1889-90 with estimates for 1890-91, it is found that whereas the estimated cost of works is Rs.12,173 less than actuals for the previous year, the estimated cost of establishment is Rs.3,741 more. This is due to the estimated cost of establishment for 1890-91 having been based on the audits for March 1890, the best data available at the time.

5. Two statements exhibiting the above results separately for each project are forwarded for information.

2241/7

(Enc 3)

for C.

Memo no 29180 of 4.7.90  
 to A. no 13  
 Despatch no 2  
 1070 W of 20.6.89  
 176 W of 22.1.89  
 Fr. Ans. 2468 W of 13.5.89  
 Despatch no 12  
 1632 W of 8.6.87  
 Fr. Ans. 1532 W of 8.6.87

PM Cd no 6905

Rd. 22-7-90  
 Enc. 3

Despatch

Structure and 1890-91

| System of works<br>for which Capital and Revenue<br>Accounts are kept                                                                       | Capital expenditure |              | Revenue and<br>Accounts |              | Establishment |              |              |              |              |              |              | Grand Total | Remarks                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|-------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                             | for<br>works        | for<br>works | for<br>works            | for<br>works | for<br>works  | for<br>works | for<br>works | for<br>works | for<br>works | for<br>works | for<br>works |             |                                                                                                                               |
| Pervay Project<br>Detailed sheet of General Provincial<br>Establishment<br>Charge for Establishment to be actual<br>by employed on the work | 60,205              | 16,110       | 4,382                   | 27,992       |               |              |              |              |              |              |              | 16          | (1) Detailed sheet of General Provincial<br>Establishment<br>Charge for Establishment to be actual<br>by employed on the work |
|                                                                                                                                             |                     | 9,498        |                         | 9,498        | 4,500         | 13,672       | 3,996        | 15,324       | 13,672       | 4,500        | 13,672       | 147,476     | (2) Detailed sheet of General Provincial<br>Establishment<br>Charge for Establishment to be actual<br>by employed on the work |
| Pervay Project<br>Detailed sheet of General Provincial<br>Establishment<br>Charge for Establishment to be actual<br>by employed on the work | 2,38,200            | 6,927        | 4,486                   | 11,463       |               |              |              |              |              |              |              | 17          | (1) Detailed sheet of General Provincial<br>Establishment<br>Charge for Establishment to be actual<br>by employed on the work |
|                                                                                                                                             |                     | 5,916        |                         | 5,916        | 22,800        | 12,012       | 6,000        | 6,708        | 12,012       | 22,800       | 12,012       | 174,966     | (2) Detailed sheet of General Provincial<br>Establishment<br>Charge for Establishment to be actual<br>by employed on the work |

2241

2<sup>nd</sup> Madras  
 2 July 1890

[Signature]  
 Secretary of the Government of Madras

[Signature]  
 Secretary of the Government of Madras





Do not print

Per  
69

A.

No. 2241 <sup>2241</sup>/<sub>9</sub>  
of 18 April 1891

Goverment of Madras.  
Public Works Department.

To

The Right Honorable the Secy of State  
for India.

My Lord,

3577/90  
We have the honor to  
forward herewith five copies of  
each of the following budget  
estimates of the Public Works  
Department for the year 1890-91.

Final Issue.

1. Imperial Military Works
2. Imperial Civil Works.
3. Provincial Civil Works.
4. Incorporated Local Funds.
5. Recluded Local Funds.
6. Irrigation, Major Works.
7. Irrigation, Minor Works and  
Navigation.

2. With reference to your Lordship's despatch No. 7 Public Works dated 18<sup>th</sup> August 1887, we attach a statement showing the approximate amount of establishment charges applicable to the construction of the Periyar and the Puzhikulya Projects, the only works in progress in this Presidency, on which special establishments are exclusively employed.

3. The actual cost of establishment employed on the Periyar Project during 1889-90 exceeded the amount estimated in the statement submitted with our letter No. 13/1676 W of 26<sup>th</sup> June 1889 and the excess is due to increases in the upper subordinate, lower subordinate, petty, and office establishments which were considered necessary. It will be observed from the accompanying

|           | Works.   | Establt. | Percentage |
|-----------|----------|----------|------------|
| x Actuals | 5,54,627 | 1,70,536 | 30.7       |
| Estimate. | 6,01,340 | 1,47,963 | 24.6       |

|                      | Works.   | Establt. | Percentage |
|----------------------|----------|----------|------------|
| Estimate for 1890-91 | 2,38,211 | 73,861   | 30.9       |
| Actuals for 1889-90  | 2,50,394 | 70,060   | 27.9       |
| Estimate for 1889-90 | 2,30,000 | 56,046   | 24.4       |

224/10  
statement that the estimated cost for 1890-91 is 1.8 per cent less than the actuals for 1889-90 and it is hoped that the proportionate charges for establishment will gradually decrease as the Project advances.

4. In the case of the Puzhikulya Project, the estimated cost of establishment to be employed during 1890-91 is in excess of the actuals and the estimate for 1889-90 as shown in the margin. The excess is due to increases in the upper subordinate, lower subordinate, petty and office establishments and corresponding increases under travelling allowances and contingencies, which could not be avoided, considering the remote and unhealthy character of the locality.

10/10/90  
224/10  
Desd W. 1  
to printed statement  
and copies of the  
Budgets forwarded  
20/10/90

2241

11

~~plan~~

B

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in Obs 118. VII  
28. VII  
28. VII

6905

Govt. of Madras.

PUBLIC WORKS.

Dated

Recd.

Encl.

12

20.18. Aug 90. No 2241W

Forw with remails  
Final Memo of the  
Briest & Co. Ltd.  
of the Public Works  
Department for  
1890-91.

Dispatched to the  
Madras on 16/8/90.