M.R.O. 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2833, 2834, 47, 48, 49 Press / Mis.

Dated 3 - 12 - 1872.

Not to be folded or roughly handled

No. 47. Read the following Endorsement of the Revenue Department, dated 28th October 1872:—

Proceedings of the Board of Revenue, dated 6th September 1872, No. 1,779.

From the Consulting Engineer for Railways, to the Secretary to the Board of Revenue, dated Madras, 8th August 1872, No. 706.

In accordance with the wish expressed in the Proceedings of the Board of Revenue dated 18th May 1872, No. 796, I have the honour to forward statements of the quantities of merchandize received at each station on the Great Southern of India Railway during the quarter ended 30th June 1872. Similar statements shall be forwarded quarterly in future.

2. The Board will observe that the statements now forwarded differ considerably in form and in amount of information afforded from the statement submitted (for the Madras Railway) with my letter of the 10th April 1872, No. 372, and I trust that the alterations which have been made will be held to enhance the value of the returns.

3. I am not at present in a position to furnish similar returns for the Madras Railway. Owing to the large number of stations upon that line, and to the relatively heavier traffic, it is found that such returns could not be prepared without employing clerks specially for the purpose at some twenty of the principal stations; and, as they are not absolutely necessary for the use of the Railway Company and this department, I am not prepared to call upon the Agent to incur the necessary expense. Mr. Elwin will, however, be happy to furnish these returns if the Board will be at the expense of the establishment, which their preparation will require. In the meantime statements similar to that furnished with my letter No. 372, above referred to, will be forwarded quarterly.

4. I shall feel obliged by your returning to me these statements when you no longer require them.

Enclosure No. 1.—Statement.

Amongst the statistical forms which the Board were directed to prepare in Government Order, 6th January 1869, No. 28, Public Works Department, were the following:—

Table II.—Distribution of chief crops in acres, showing the number of acres under rice, cotton, etc., in each district.

Table III.—Weight of produce in maunds of 82 pounds, showing the weight of rice, cotton, etc., grown in each district.

Table IV.—Distribution of produce in maunds of 82 pounds, showing the weight of rice, cotton, etc., exported from, and kept for consumption in, each district.

2. It is impossible to compile these tables from any information which is obtainable at present, and the Board resolve to submit to Government an estimate of the expenditure which will be necessary to assure satisfactory results.

3. For Table II. it will be necessary to ascertain the area cultivated in Inams and Zemindaries. Otherwise the form which purports to show the quantity of produce raised in each district will only mislead. The Board assert this with confidence, though a comparison between the Table II. with the Table I., communicated to the Board with Government Order, 6th January 1869, No. 28, shows that, while it pretends to give the distribution of the chief crops in each district, it shows only the distribution of the chief crops in *land paying revenue.*

4. It will, therefore, be necessary to employ Clerks or Inspectors to ascertain the area cultivated in Zemindaries. There are 20,000 Zemindary villages, and supposing that one Inspector could manage 100 villages, and that the pay of each would be Rupees 25, the cost of the staff entertained on this account would be Rupees 60,000 per annum.

5. Next with regard Table III. In thir Order of the 30th July 1869, No. 2,516, Government suggest that this may be prepared with sufficient accuracy by multiplying the number of acres cultivated by the average produce of an acre as ascertained by experiment. The Board doubt this for the reasons given in their Proceedings of the 15th September 1871, No. 3,973, but the expense of obtaining accurate accounts would be so enormous that they cannot attempt to estimate it.

6. Lastly, with regard to Table IV., supposing it to be known how much produce is raised in each district, statistics of traffic must be taken at each Railway Station and at each point where a road leaves the district before it can be known how much of the produce is exported from, and how much consumed in, the district. The Board have ascertained from the Consulting Engineer that statistics of this kind are now taken on the Great Southern, but nowhere else, and that they will cease to be taken there when the Railway is extended into Tinnevelly. Even the Great Southern traffic returns will not suit the purpose, for they lump all grains together, though they give details with reference to curry-stuffs, hides, etc., which are not wanted. It appears, then, that it will be necessary for Government to keep a clerk at each station to register the traffic. There are now 103 stations, and, supposing the salary of each clerk to be Rupees 20, the cost of the staff will be Rupees 24,720.

Letter from the Consulting Engineer for Railways, dated 8th August 1872, No. 706.

7. It will also be necessary to keep clerks at the places where the main roads leave districts. Supposing eighty are entertained at Rupees 15, the cost will be Rupees 14,400.

8. Thus, at a rough estimate, the cost of compiling Tables II. and IV. will be Rupees 99,120.

9. It is for Government to decide whether this expenditure should be incurred. If not, the Board hope that they may be freed from the task of submitting statistics which do not give the information which they pretend to give.

TRANSFERRED to the Department of Public Works.

(Signed) W. HUDLESTON,
Secretary to Government.

Proceedings of the Madras Government, Public Works Department, 3rd December 1872.

No. 48. ORDER THEREON, 3rd December 1872, No. 2,833.

IRRIGATION, No. 4.

ORDERED that the Government of India be addressed on the subject.

(Here enter No. 2,834, dated 3rd December 1872.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Revenue Department.
,, Chief Engineer for Irrigation.

Exd. E. C. Shanker.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *3rd December* 1872.

No. 49.

No. 2,834.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

IRRIGATION, No. 5.

SIR,—I am directed to transmit a copy of Proceedings of the Board of Revenue, No. 1,779, dated 6th September 1872, relative to Statistical Tables II., III., and IV. called for by the Government of India in Circular No. 93, dated 2nd November 1868, Public Works Department (Irrigation).

2. The Board point out that the information required to compile Tables II. and IV. can only be obtained by the appointment of a special establishment, the cost of which they estimate roughly at Rupees 99,120.

3. With regard to Table No. III., showing the weight of produce, the Board state that the expense of obtaining accurate accounts would be enormous, as the amount of produce depends on the season, and must be estimated at the time of harvest. The results obtained from settlement averages, even in the districts in which the settlement has been completed, would prove to be altogether fallacious, and in many districts the settlement department has not commenced its operations.

4. Under these circumstances I am directed to inquire whether Tables II. and IV. are to be prepared in future as for 1869-70; the former showing the distribution of crops, exclusive of those grown on Zemindary lands, and the latter showing the exports by sea only, or whether Tables II., III., and IV. may be altogether omitted from future returns, or whether establishments may be entertained for the purpose of obtaining the information required to admit of the statistical tables being prepared with some degree of accuracy.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.

Memo 72

The undersigned requests that the Registrar Genl. Office P.O. Dept. will be good enough to return the Waffic statement transferred to the P.O. Dept by enclosure Secretary of the Railway Dept by 28 October 1872, the same being urgently required by the Consulting Engineer for Railways.

C. Houghton
Registrar

To
The Registrar,
Genl Office P.O. Dept

Rec'd Genl. P.O. 31 Oct 72
Ans. 2833 P.O.D.

Rec'd Office
15 Feb 1873

No. 1,779.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 6th September 1872.

Read the following letter from Lieutenant Colonel J. H. M. SHAW STEWART, R. E., Consulting Engineer for Railways, to the Secretary to the Board of Revenue, dated Madras, 8th August 1872, No. 706:—

IN accordance with the wish expressed in the Proceedings of the Board of Revenue, dated 18th May 1872, No. 796, I have the honour to forward statements of the quantities of merchandise received at each station on the Great Southern of India Railway during the quarter ended 30th June 1872. Similar statements shall be forwarded quarterly in future.

2. The Board will observe that the statements now forwarded, differ considerably in form and in amount of information afforded, from the statement submitted (for the Madras Railway) with my letter of the 10th April 1872, No. 372, and I trust that the alterations which have been made will be held to enhance the value of the returns.

3. I am not at present in a position to furnish similar returns for the Madras Railway. Owing to the large number of Stations upon that line, and to the relatively heavier traffic, it is found that such returns could not be prepared without employing clerks specially for the purpose at some twenty of the principal stations; and as they are not absolutely necessary for the use of the Railway Company, and this department, I am not prepared to call upon the Agent to incur the necessary expense. Mr. Elwin will, however, be happy to furnish these returns if the Board will be at the expense of the establishment which their preparation will require. In the meantime, statements similar to that furnished with my letter No. 372, above referred to, will be forwarded quarterly.

4. I shall feel obliged by your returning to me these statements when you no longer require them.

ENCLOSURE No. 1.—Statement.

AMONGST the statistical Forms which the Board were directed to prepare in Government Order, 6th January 1869, No. 28, Public Works Department, were the following:—

Table II.—Distribution of chief crops in acres. Showing the number of acres under rice, cotton, etc., in each district.

Table III.—Weight of produce in maunds of 82 pounds. Showing the weight of rice, cotton, etc., grown in each district.

Table IV.—Distribution of produce in maunds of 82 pounds. Showing the weight of rice, cotton, etc., exported from and kept for consumption in each district.

2. It is impossible to compile these tables from any information which is obtainable at present, and the Board resolve to submit to Government an estimate of the expenditure which will be necessary to assure satisfactory results.

3. For Table II it will be necessary to ascertain the area cultivated in Inams and Zemindaries. Otherwise the form which purports to show the quantity of produce raised in each district will only mislead. The Board assert this with confidence though a comparison between the Table II with the Table I communicated to the Board with Government Order, 6th January 1869, No. 28, shows that while it pretends to give the distribution of the chief crops in each district, it shows only the distribution of the chief crops in *land paying revenue.*

4. It will therefore be necessary to employ Clerks or Inspectors to ascertain the area cultivated in Zemindaries. There are 20,000 Zemindari villages, and supposing that one Inspector could manage 100 villages, and that the pay of each would be Rupees 25, the cost of the staff entertained on this account would be Rupees 60,000 per annum.

5. Next with regard Table III. In their Order of the 30th July 1869, No. 2,516, Government suggest that this may be prepared with sufficient accuracy by multiplying the number of acres cultivated by the average produce of an acre as ascertained by experiment. The Board doubt this for the reasons given in their Proceedings of the 15th September 1871, No. 3,973, but the expense of obtaining accurate accounts would be so enormous that they cannot attempt to estimate it.

6. Lastly with regard to Table IV. Supposing it to be known how much produce is raised in each district statistics of traffic must be taken at each Railway Station and at each point where a road leaves the district before it can be known how much of the produce is exported from and how much consumed in the district.

Letter from the Consulting Engineer for Railways, dated 8th August 1872, No. 706.

The Board have ascertained from the Consulting Engineer that statistics of this kind are now taken on the Great Southern but nowhere else, and that they will cease to be taken there when the Railway is extended into Tinnevelly. Even the Great Southern Traffic Returns will not suit the purpose for they lump all grains together, though they give details with reference to curry stuffs, hides, etc., which are not wanted. It appears, then, that it will be necessary for Government to keep a clerk at each station to register the traffic. There are now 103 stations and supposing the salary of each clerk to be Rupees 20 the cost of the staff will be Rupees 24,720.

7. It will also be necessary to keep clerks at the places where the main roads leave districts. Supposing eighty are entertained at Rupees 15 the cost will be Rupees 14,400.

8. Thus at a rough estimate the cost of compiling Tables II., and IV., will be Rupees 99,120.

9. It is for Government to decide whether this expenditure should be incurred. If not the Board hope that they may be freed from the task of submitting statistics which do not give the information which they pretend to give.

(A true Copy and Extract.)

H. Stokes

~~For~~ Secretary.

To the Chief Secretary to Government, R. D., with one enclosure, to be returned.

Copy to the Consulting Engineer for Railways.

Exd. G. A. Turton.

No. 1,779.

Rev. 1872.

Board of Revenue,

MADRAS.

PROCEEDINGS, 6TH SEPTEMBER 1872, No. 1,779.

Encl. 1

Received 16th Sept. 1872.

Recd 1st Novr 1872.

SEPTEMBER.

No. 1,779.

Statistical tables—of area, cultivation, population and produce of Madras Presidency, directed to be prepared in Government Order, dated 28th January 1869.—Difficulties attending correct preparation of—and expenditure to be incurred for the purpose, represented to Government.

The Board found
out that the information
required to compile
Tables II & IV can only
be obtained by the ap-
-pointment of a Special
Establishment the cost
of which they estimate
roughly at Rs 99,120.

With regard to
Table No III, showing
the weight of produce,
the Board state that
the expense of obtaining
accurate accounts would
be enormous as the
amount of produce de-
-pends on the Season
and must be estimated
at
the time of Harvest;
the results obtained
from Settlement aver-
-ages even in the
Districts in which
the Settlement has
been completed would
prove to be altogether
fallacious and in
many Districts the
Settlement Depart-
-ment has not
commenced its opera-
-tions.

Under these
circumstances Govt.
directed to enquire
whether Tables III & IV
are to be prepared
in future as for
1869/70

1869/70. the former
showing the distribu-
-tion of Crops exclusive
of those grown on Zemin-
-dary lands and the
latter showing the
Exports by Sea only;
or whether Tables
II III IV may be alto-
-gether omitted from
future returns or
whether Establishments
may be entertained
for the purpose of
obtaining the informa-
-tion required to
admit of the Statis-
-tical Tables being
prepared with same
degree

degree of accuracy.

H.D.
C.W.W.

25

Desp: 5/12/72 with Copy
of Letter 2833 of 1872.

Commanding Officer
Remarks, Copy of Rec
to Adjt Gen's Office. Tab
B Two personal
Statistical Rol
to area, Cultiv
R. Mr Ba
Residence

615 Norfolk C.H. 18th

P/No-5317

Govt. of Madras.

PUBLIC WORKS.

To The Revenue Department
and
To The Secretary to the Govt.
of India

Dated

Read. Encl.

G. O. 3rd Decr. No. 2833-2835

Nos. 47-48 & 49

Statistical Tables. Forwarding
Orders on Prs. of the Bd's
Rep. relative to the dif-
culties attending the
Location of Statis-
cal Tables of area, &
of the Madras Presidy
& the Expenditure to
be incurred for the
Purpose.