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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

P-w-D.

G.O. No.	914 - w. 915.	Press.
B.P. No:		Mis.
Dated	21 - 3 - 1883.	~~198~~ .

K.m.k.

Not to be folded or roughly handled

21st MARCH 1883, No. 914 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 159.

READ—the following papers :—

From N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 3rd March 1883, No. 55 W.

In continuation of this office letter, dated the 20th September 1882, No. 40 W., I have the honor to submit, herewith, five statements for 1881-82 relating to European stores imported through the Secretary of State and purchased in the local market with a list of country stores always purchased.

2. Besides the notes entered in the column of remarks in detail Statement A there is no matter requiring special report. The stores chiefly imported in 1881-82 were the Harbour moorings, plant and screwing machinery for ditto, and these would have formed the final importations in anticipation of completion of the works except for the reconstruction of portions of the piers required in consequence of the damage caused by the storm of November 1881.

No. 159-A.

From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Stores, &c., to the Deputy Chief Engineer, Public Works Department, dated Madras, 20th March 1883, No. 2044 S.

With reference to paragraph 2, G.O., No. 2472, dated 23rd September 1882, I have the honor to forward statement showing the financial results of the purchase in India of articles of European manufacture for the year 1881-82, together with the appendices required by the Government of India in Public Works Department Resolution, No. 7-30—A.G., dated 8th January 1881.

No. 160.

ORDER—dated 21st March 1883, No. 914 W., Public Works.

Ordered to be forwarded to the Government of India.

(Here enter No. 915 W., dated 21st March 1883.)

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the General Superintendent, Public Works Stores.
„ Superintendent, Madras Harbour Works.

Exd. C. Howarth.

Spare Copies

GENERAL
ACCOUNT.

Gobt. of (1883) Madras
PUBLIC WORKS.

Dated March, 21st.

Recd.

Encl.

G.O., 21st March 1883, No. 914 W.

MARCH
Nos. 159-160.

European Stores
Financial results of the purchase in India
of — for 1881-82.

21st MARCH 1883, No. 915 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 159.

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(Here enter No. 915 W., dated 21st March 1883.)

(True Extract.)

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

To the General Superintendent, Public Works Stores.
" Superintendent, Madras Harbour Works.

No. 161.

ENDORSEMENT—dated 21st March 1883, No. 915 W., Public Works.

Forwarded.

Major, R.E.,
Under Secy. to Govt., P.W.D.

Exd. C. Howarth.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1883) Madras
PUBLIC WORKS.

Dated March, 21st.

Recd.

Encl.

G.O., 21st March 1883, No. 915 W.

MARCH.
Nos. 159-161.

European Stores

FINANCIAL results of the purchase in
India of — for 1881-82.

23RD SEPTEMBER 1882, No. 2473 W., PUBLIC WORKS.

3
914

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 185.

READ—the following papers :—

From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Stores, &c., to the Chief Engineer, Public Works Department, dated Madras, 31st July 1882, No. 797 S.

With reference to G.O., No. 438 W. of 18th February 1882, I have the honor to forward the following review of the expenditure of stores for the year 1880-81, together with the appendices required by the Government of India, viz. :—

- a. Statement of Receipts and Issues in Form B for 1880-81.
- b. Statement abbreviated from Form B for five years in Form C.
- c. Statement of balances at the end of each of the above five years.
- d. Statement prescribed in paragraph 6 of Financial Department Resolution No. 3574 of 3rd November 1880, with estimates of the financial results of the local purchase of European stores.

2. When considering the expenditure of stores by the Public Works Store Department it must be remembered that it is not only the depôt for supplying the Public Works Department, but it is also largely resorted to by all departments of Government, Local Funds, Municipalities, Railways, and Native States; also a very large amount of work is done for the Mysore, Southern Mahratta and Eastern Deccan Railways which does not appear in the accounts of the Public Works Store Department.

3. The value of stores issued during the year 1880-81 was as follows :—

	RS.
Public Works Divisions	17,579
Public Works Workshops	13,031
Dowlaiswaram Workshops	414
Civil Departments	1,445
Military	1,571
Native States	1,867
Railways	621
Local Fund Boards	9,894
Private persons	2,088
	48,314

4. Civil Departments, Native States, Railways, Local Funds, and Municipalities send no estimates of their probable yearly requirements, but their demands are met from the stock in hand or by purchase when urgently required; the Public Works Store Department merely acting as agents.

5. The receipt of stores during the year 1880-81 was as follows:—

	RS.
From London, Secretary of State	11,175
„ Civil Departments	6,340
„ Military	786
„ Public Works Divisions	7,599
„ Presidency Public Works Workshops	8,956
„ Railways	621
„ Indian market	5,108

6. From the above figures it will be seen that about one-eighth of the total expenditure on stores was incurred in the Indian market, and only when Government depôts and railways had failed to meet the demands.

7. These purchases were not forced by delays in the supply of English indents, but were necessary to meet urgent demands for articles not in stock.

8. In the purchase locally of articles of European manufacture there is a decided loss in price; but, on the other hand, the loss entailed by keeping large stocks is avoided, as purchases are never made locally except for actual present requirements.

9. From the statement of balances it will be found that there has been a gradual decrease from 1876—1879, but that in the latter year there was an increase of Rs. 2,24,145 owing to the transfer of all Imperial stores to Provincial.

10. Under existing orders of Government the balance of stock is to be kept as low as possible, and consequently no indents are made on England, and no stores are purchased locally except to meet actual requirements.

From N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 20th September 1882, No. 40 W.

G.O., No. 990 W., dated 22nd April 1882.

„ „ 438 W., „ 18th Feb.

„ „ 2087 W., „ 22nd Aug. 1881

Enclosures.

1. Statement required in paragraph 6 of Government of India's No. 3574, dated 3rd November 1880.

2. Statement A.

3. „ B.

4 & 5. „ C & C (2).

6. „ D.

In compliance with directions conveyed in the Government Orders quoted in the margin I have the honor to submit the following review of the expenditure on stores during 1880-81. A summary will be found annexed in the form prescribed in paragraph 6 of Government of India's Resolution No. 3574 of 3rd November 1880; the details of that summary being embodied in a separate statement, A. Four additional statements are at the same time forwarded, viz.:—

Statement B showing Receipts and Issues for 1880-81.

Do. C do. do. for each year of the five ending 1880-81.

Do. C (2) showing Balances for each year of the five ending 1880-81.

Do. D showing classification of Stores.

2. Wherever practicable the exact English prices of imported articles have been entered in Statement A. In many cases only approximate figures have been supplied, as some invoices include more than one article of a different kind, whilst the freight is put down in a lump sum for the whole of the stores brought out, with nothing to indicate the proper proportion to be assigned to the different items. Results had therefore to be worked out as nearly as the existing records supplied the information. It is this, especially in the case of the statements of five years' "Receipts" and "Issues" and "Balances," that has occupied so great a length of time in preparing the report.

3. The largest item of imported articles in 1880-81 is 6,550 tons of Portland cement, which is the principal imported article used in the construction of these works. The value of that quantity was Rs. 2,59,732, at the average rate of Rs. 39-10-0 per ton taken on the whole of twenty invoices; the highest average rate at commencement of these works was Rs. 46 per ton. In the commencement of 1880-81, 603 tons of

cement of local manufacture were purchased at Rs. 39 per ton; this cement had been purchased previously at Rs. 43 per ton, but the quality at that time was not satisfactory and as it did not come up to the required test the contract was terminated.

4. Iron chains, canvas and deal planks, come next on the list of stores imported. The first article is not always procurable of size or quality required, and when one is pressed to purchase in the local market the cost is often as high as Rs. 32 per cwt.; the rate, when imported, ranges from 15 to 18 rupees per cwt. Canvas occasionally when out of stock in previous years was purchased from the leading local tradesman, and although at a cost of 10 to 12 annas per yard the quality was not equal to the price, whilst the imported article cost on an average about one-third less. Deal planks are, as a rule, always imported, being difficult to obtain locally, and when procurable the price, demanded is sometimes as high as 50 per cent. over the imported rate. Diver's gear is never procurable in the local market. On two or three occasions when the stock of underclothing, such as drawers and jersies was exhausted, flannel was purchased in the market at Rs. 1-8-0 and Rs. 1-10-0 per yard, the material being then made up by the divers themselves into jersies.

5. Nails and screws have always been purchased in the local market whenever required. Screws might probably be imported at a cost of 25 per cent. less than local prices.

6. Iron and steel of various sizes were imported when the works were commenced. Many of the sizes still remain in stock. In works of this class the requirements are so various and sometimes so sudden, and there is so much difficulty to obtain things in the local market, that it has been found advisable to keep different articles in stock.

7. Coal and coke were always purchased locally, the former from some one of the agency firms at Rs. 23 to Rs. 25 per ton. In 1877, 700 tons of coal were bought at the Public Works Stores for Rs. 27½ per ton. Coke has been bought from the Madras Railway Company at Rs. 43 per ton. Casuarina firewood grown in the country is largely used to supplement coal, and costs from Rs. 9½ to 11½ per ton.

8. Paints, varnish, and paint oils being always obtainable in the market are purchased only when needed. No stock has been kept or imported since the consignment received when these works were commenced, but which was supplemented in 1878 by a supply from the Public Works Stores.

9. Cordage—Manilla rope and spun yarn—are always in request, and for some works Manilla cordage is indispensable. When not procurable in the Government Arsenal or Madras Railway Company's stores the local market has to be resorted to and as high a rate as Rs. 38 to Rs. 42 per cwt. is demanded. Coir rope of local manufacture is however largely used, and wherever practicable substituted for Manilla; the highest price paid for coir rope has been Rs. 14 per cwt. Spun yarn was on one occasion obtained from Bombay at 8 annas per lb. or 2 annas above the price of the imported article, but the quality of the former did not equal that of the latter. The article was for a second time in 1880-81 obtained in the local market when as high a price as Rs. 1-2-0 per lb. was paid.

10. A quantity of castings of gear for machinery is executed at the Government Public Works Department Workshops, but there are certain wheels, spare parts of machinery and plant which it is found necessary to import from England, these are indicated * in detail Statement A.

* See invoices by S.S. *Duke of Argyll*, *Manora*, and *Hankow*.

11. I much regret the delay, explained in paragraph 2, that there has been in presenting this report.

No. 186.

ORDER—dated 23rd September 1882, No. 2472 W., Public Works.

Ordered to be forwarded to the Government of India, with reference to their letter No. 79-A. G., dated 2nd February 1882.

23RD SEPTEMBER 1882, No. 2473 W., PUBLIC WORKS.

2. Similar reviews and statements for the year 1881-82 should be submitted in due course by the General Superintendent, Public Works Stores, and the Superintendent, Madras Harbour Works.

(Here enter No. 2473 W., dated 23rd September 1882.)

(True Extract.)

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

To the General Superintendent, Public Works Stores.
" Superintendent, Madras Harbour Works.

No. 137.

ENDORSEMENT—dated 23rd September 1882, No. 2473 W., Public Works.

Forwarded.

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

Exd. S. T. Austin.
Spare Copies

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914

GENERAL
ACCOUNT.

Gobt. of (1882) Madras.
PUBLIC WORKS.

Dated September, 23rd.

Recd.

Encl.

G.O., 23rd Sept. 1882, No. 2473 W

SEPTEMBER.
Nos. 185-187.

Annual review of the expendi-
ture of Stores.

FORWARDING the — for 1880-81 and
certain other statements furnished by
the General Superintendent, Public Works
Stores, and Superintendent, Madras Har-
bour Works.

No. 55-W

FROM

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,

TO

The Secretary to Government
Public Works Department

MADRAS, 3rd March 1883.

Sir,

In continuation of this Office Letter
dated the 20th September 1882 N. 40W
I have the honour to submit herewith
five Statements for 1881-82 relating
to European Stores imported through
the Secretary of State and purchased
in the local market, with a list
of Country stores always purchased
2 Besides the notes entered in the
column of remarks in detail Statement
A there is no matter requiring
special report. The stores chiefly
imported in 1881-82 were the
Harbour Mooring, Plant and Docking
Machinery ^{for ditto,} and these would have
formed the final importations in

7
914 P2
in anticipation of completion of the
Works except for the reconstruction
of portions of the Piers required in
consequence of the damage caused
by the storm of November 1851.

Have the honour to be,

Sir,

Your most obedient servant

Wm. B. Beadmore C.E.

Asy Superintendent
M.H. Works

Statements of Stores -
Forwards fine - imported
from England & purchased
locally during 1881-82

PUBLIC WORKS STORE DEPARTMENT,
Madras, 20th March 1883.

No. 204-H S.

From

THE GENERAL SUPERINTENDENT.

PUBLIC WORKS STORES, &c.,

THE Deputy Chief Engineer
N. D. H.
Chepauk

With reference to para 2 of D.
No. 2172, dated 23rd September 1882, I have the
honor to forward Statement showing the
financial results of the purchase in India
of Articles of European Manufacture for
the year 1881-82 together with the Appendices
required by the Government of India in
L. N. W. Resolution No. 7-30. A. G. dated
8th January 1881.

I have the honor to be,
Sir,

Yours most Obedient Serv^t

Wm. B. Biddle, Secy. N. B.

General Sup^{ts} J. H. Jones

Hand
sect 4
1928
2501

PWC No 2501

Public Works Store Department.

From

THE GENERAL SUPERINTENDENT,

P. W. STORES, &c.,

MADRAS,

To

The Deputy Chief Engineer
P. W. S.
Chepank

No. 2044-S.

Dated

20^m

Despd.

20^m

March 1883.

Recd.

21^m

No. of ENCLOSURE Five -

Statements

PWC No 1328

Forward Statement

showing the financial results
of the purchase in India of
Articles of European Manufacture
for the year 1881-82, together
with Appendices required by
the Government of India.

A No 914 Wd 21/2/83

Orders to be for-
warded to the Govt
of India -

HS. No 915 Wd 21/2/83

Forwarded

By

S

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10 Dec 82

Ex 253 N 31.1.81
Ex 2087 N 22.8.81
" 438 N 18.2.82
" 990 N 22.4.82
" 2473 N 23.9.82

Des as

29/3

Genl Supt P. W. Stores ✓
Supt M. H. Woddy ✓

With order

2501

Govt. of [1883] Madrid.

PUBLIC WORKS.

Dated

27/3

Recd.

Book

G. O. 21 Mar. 1883. No. 914. W

915. W

Nos. 159 - 160

161

European Stores

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Financial results of
the purchases in India

of — for 1881/82

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Entered in the Receipt Reg.