

(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.	1679-80	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	3. 7.	1952	18/11

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
3rd July 1876. No 1,679.

Read the following papers :—

No 31. Endorsement of the District Engineer, Presidency, dated 29th May, 1876, No 986 —

From J N. GRAINGER, Esq, General Superintendent, Public Works Stores and Workshops, to Major P. MONTGOMERIE, R E, District Engineer, Presidency, dated Chepauk, 24th May 1876, No 251.

With reference to your endorsement, No 773, of 17th instant, on G O, No 1,108, of 4th idem, I have the honor to enclose a Statement of Iron imported into the Madras Presidency from England during official years 1873-74, 1874-75, and 1875-76, respectively.

Statement showing the Quantity of Iron imported into the Madras Presidency from England during the Official years 1873-74, 1874-75, and 1875-76

Department for which obtained	Fig Iron	Iron angle, Round, Square, Plate, and Hoop		Permanent-way materials, viz, Rails, Chairs, Fish plates, Cast or wrought iron sleepers, &c		Iron work for bridges, such as girders, plates, porticos, &c, imported for bridges		Iron work for buildings, such as girders, joists, columns, &c, imported for buildings		Wire		Iron work for telegraph lines, exclusive of wire		Steel of all kinds, viz, cast, blister and flat, round, square, &c	
		Ts Cwt	Ts Cwt	Ts Cwt	Tons Cwt	Ts Cwt	Tons Cwt	Ts Cwt	Tons Cwt	Ts Cwt	Ts Cwt	Ts Cwt	Ts Cwt	Cast	Wrought
1873 74 Public Works Store Department	.	110 0	..	..	..	59 1	..	..	..	0 10	..	..	..	..	..
1874 75 Public Works Store Department	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1875 76 Public Works Store Department	.	..	..	..	302 17	..	..	..	..	..	..	..	..	..	..

CHEPAUK,
24th May 1876

* For Madras Harbour Works

(Signed) J N GRAINGER,
Genl Supt, Public Works Stores and Workshops

Proceedings of the Madras Government, Public Works Department,
3rd July 1876. No. 1,679.

SUBMITTED to the Chief Engineer and Secretary to Government, Public Works Department, with reference to G.O., No. 1,108, dated 4th May 1876.

(Signed) P. MONTGOMERIE, Major, R.E.,
District Engineer, Presidency

No 31-A. From Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 9th June 1876, No 284.

REFERRING to the Proceedings of Government, No 1,108, dated 4th May 1876, I have the honor to state that the Government of India have this day been furnished with two Statements* in the form annexed with the Circular† from the Government of India embodied therein, showing the weights of the whole importation of Iron on account of the Madras and South Indian Railways for the last three official years†.

* Copies enclosed

† No 29, Public Works, dated 18th April 1876

‡ 1873-74
1874-75
1875-76

MADRAS RAILWAY

Statement showing the Quantity of Iron imported into Madras from England during the three Official Years ending March 1876

Department for which obtained	Fig Iron	Iron angle, T, F st , square, Round, Sheet, Plate and Hoop	PERMANENT WAY		IRON WORK FOR BRIDGES, SUCH AS GIRDERS, PLATES, PONTONS &c., IMPORTED FOR BRIDGES		IRON WORK FOR BUILDINGS, SUCH AS GIRDERS, ROOFING COLEMS, JOISTS, TRUSSES, &c., IMPORTED FOR BUILDINGS		Wire.	Iron work for Telegraph lines exclusive of Wire	STEEL OF ALL KINDS, viz., CAST, BISTER AND FLAT, ROUND, SQUARE, &c.	
			TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT
Madras Railway												
Official year ending March 1874	...	299 0	0 18	2,205 7	878 0	..	..	..	..	375 4	1 0	104 4
Do do. 1875	...	75 8	..	4 1	90 14	..	..	..	0 4	..	2 6	0 5
Do do. 1876	50 15	202 5	..	50 11	70 0	..	..	..	0 15	375 4	2 8	0 5
Total, Madras Railway	50 15	576 18	0 18	3,210 16	1,033 14	..	..	..	0 19	375 4	5 14	104 14

MADRAS,
6th June 1876

(Signed) J. CRAMP,
Chief Accountant.

(Signed) R. B. ELWIN,
Agent and Manager

SOUTH INDIAN RAILWAY

Statement showing the Quantity of Iron imported into the Madras Presidency from England

Official year	Pig Iron	Iron angle, T, Flat, Square, Round, Sheet, Plate, and Hoop.		Permanent Way Materials, viz., Rails, Chairs, Fish-plates Cast or Wrought Iron Sleepers, &c		Iron work for Bridges, such as Girders, Plates, Columns, Joists, Trussing, &c, imported for Bridges		Iron work for Buildings, such as Girders, Roofing, Columns, Joists, Trussing, &c, imported for Buildings		Wiro.	Iron work for telegraph lines, exclusive of wire	Steel of all kinds, viz. Cast, Blister and Flat Round, Square, &c	
		TONS CWT	TONS CWT	Cast	Wrought	TONS CWT	TONS CWT	Cast	Wrought			Cast	Wrought
1873 74	Nil	34 1	4,556 1	..	592 8	Nil	..	..	..	0 3	Nil	0 5	0 8
1874 75	8 19	31 10	18,160 18	..	1,653 7	53 17	..	..	..	0 2	do	0 2	0 13
1875 76	Nil	105 5	9,228 0	..	2,117 7	8,394 19	..	..	..	0 10	do	8 3	11 10

NEGAPATAM,
1st June 1876

(Signed) W. S. BELLIN,
Agent

No 31-B. From Lieutenant D McNEIL CAMPBELL, R E, Executive Engineer in charge Godavery District, to Major-General G W. WALKER, R E, Secretary to Government, Public Works Department, dated Dowlaishweram, 19th June 1876, No 783

With reference to G O. of the 4th May 1876, No 1,108, I have the honor to forward herewith, in the required form, a Statement (A) showing quantity of Iron imported to Government Workshop, Dowlaishweram from England
Statement showing the quantity of Iron received from England, and another, of the quantity of English Iron received through Firms in Calcutta from the official year 1873-74 to 1875-76.

2 The latter statement is submitted merely with a view to show what quantity of English Iron is procured in the country to meet urgent demands on the Workshop at Dowlaishweram; and this information, it is thought, may be of some use in the compilation of the statement called for by the Government of India.

Proceedings of the Madras Government, Public Works Department,
3rd July 1876. No 1,679

Proceedings of the Madras Government, Public Works Department,
3rd July 1876. No 1,679

No 32

ORDER THEREON, 3rd July 1876, No 1,679

ACCOUNT, No 1

ORDERED that the Returns furnished
from the Godavery and Presidency Engi-
neers be forwarded to the Government of

India, with reference to Circular, dated the 18th April 1876, No. 29 P W

2 It is observed that the Consulting Engineer has forwarded his report direct

(True Extract)

Colonel,

Offg Under Secy to Govt, P W D

To the District Engineer, Godavery
" " Presidency
" Consulting Engineer for Railways

Exd T O'Connor
Spare Copies

A
Statement showing the Quantity of Iron imported into Government Workshop, Dowlaishewram, from England during the Official Years 1873-74,
1874-75 and 1875-76

Department for which obtained	Pig Iron	Iron angle, T, Flat, Square, Round, Sheet, Plate, and Hoop	PERMANENT-WAY MATERIALS, viz., RAILS, CHAINS, FISH PLATES, CAST OR WROUGHT IRON SLEEVES, &c		IRON WORK FOR BRIDGES SUCH AS GIRDERS, PLATE JOISTS, &c, IMPORTED FOR BRIDGES		IRON WORK FOR BUILD- INGS, SUCH AS GIRDERS, ROOFING COLUMNS, JOISTS, TRUSSES, &c, IMPORTED FOR BUILDINGS		Wire	Iron work for Telegraph lines exclusive of Wire	STEEL OF ALL KINDS, viz., CAST, BLISTER AND FLAT ROUND, SQUARE, &c	
			Cast	Wrought	Cast	Wrought	Cast	Wrought			Cast	Wrought
Public Works Department, Government Workshop, Dowlahseram,	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT
	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14
	1873-74	1873-74	1873-74	1873-74	1873-74	1873-74	1873-74	1873-74	1873-74	1873-74	1873-74	1873-74
	1874-75	1874-75	1874-75	1874-75	1874-75	1874-75	1874-75	1874-75	1874-75	1874-75	1874-75	1874-75
Total ..	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14	105 14

B
Statement showing the Quantity of English Iron received into Government Workshop, Dowlaishewram, from different Firms, such as Messrs Unto Ram Dier
and Co, Calcutta, &c, during the Official Years 1873-74, 1874-75 and 1875-76

Department for which obtained.	Fig Iron	IRON ANGLE, T, FLAT, SQUARE, ROUND, SHEET, PLATE, and HOOP.	PERMANENT WAY MATERIALS, viz., RAILS, (CHAINS, FISH-PLATES, CAST OR WROUGHT IRON BLINDERS, &c		IRON WORK FOR BRIDGES, SUCH AS GIRDERS, PLATES POSTING, &c, IMPORTED FOR BRIDGES.		IRON WORK FOR BUILD- INGS, SUCH AS GIRDERS, ROOFING, COLUMNS, JOISTS, TRUSSES, &c, IMPORTED FOR BUILDINGS		Wire	Iron work for Telegraph lines exclusive of Wire	STEEL OF ALL KINDS, viz., CAST, BLISTER AND FLAT ROUND, SQUARE, &c
			Cast	Wrought.	Cast.	Wrought	Cast	Wrought.			
Public Works Department, Government Workshop, Dowlatabad.	TONS CWT	TONS CWT	TONS CWT.	TONS CWT.	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT	TONS CWT
	10 0	78 7	..	..	..	..	..	0 12	..	..	..
	4 2	41 14	..	..	..	..	..	0 6	..	..	..
	25 2	119 9	..	..	..	..	..	..	..	..	0 10
Total ..	40 4	239 10	..	..	..	..	..	0 19	..	..	0 10

DOWLAISHWARAM,
7th June 1876
(Signed) D McNEIL CAMPBELL, Lieut, R.E.,
Executive Engineer in charge Govt Workshop, Dowlaishewram.

Statement showing
the quantity of iron wire
imported in the Customs
Treasury for 1873-74

March 1876

1/4/49884.0

Indemnity in 1875

Statement showing the quantity of iron imported into the Customs Treasury from England during the period year 1874-75

From work for the
Government of India
Steel plate
Rods & wire
Cast, sheet
of plate, round
square
Rods, & wire

Iron work for
Government of India
Rods & wire
Cast, sheet
of plate, round
square
Rods, & wire
for bridges
for building

Department for which

obtained

Public Works, Store Department

1875

1876

1877

Public Works, Store Department
Chester 22nd May 1876

J. H. Manager
General Agent for the Store & Warehouse

Statement showing the
quantity of iron supplied in
the Niagara District
for 1844-5

1844-5 & July 1846

P. H. 8844/76
2

Inclosure in 1845

Statement showing the quantity of Iron imported into Canada. Presidency of Iron England during the Official year 1845-76

Department for which
obtained

By Iron
rough, black, white, and
other

Permanent way Iron work for Iron work for
Materials, viz rails, bridges, such as buildings such as
chain, fish plate, girders, plates, girders, roofing
such as wrought iron, plates, & iron, such as
sheepens &c, and for bridges for buildings

Cast wrought Cast wrought Cast wrought

Tons Cast Iron and Tons Cast Iron and Tons Cast Iron and Tons Cast Iron and Tons Cast Iron and

Public Works Store Department

1842-17

x For Canada as
London & Montreal

M. W. Store Department
1842-17 & July 1846

General Superintendent
M. W. Store of Montreal

PUBLIC WORKS STORE DEPARTMENT,
Chennai, Madras, 24th May 1876.

No. 251

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS STORES AND WORKSHOPS,

To

THE

District Engineer.

Presidency, Fort St. George.

SIR,

Enclosures.

With reference to your endorsement
No. 773 of 27th Instant on G.O. No. 208 of 2nd Idem,
I have the honor to enclose Statements
of Iron imported into the Madras Presidency
from England during Official years 1873-74,
1874-75, and 1875-76 respectively.

I have the honor to be
Sir

Your most Obedt Servant

J. H. Manger
General Supt. P. W. Stores

P. W. 3857/76
3

Reference in G.O. 257

dated 28th May 1876

Statement showing

the quantity of iron im-

ported in the Madras

Presidency for 1873-74,

12-31
 1876
 1876
 1876

Attached for
 enclosed in the
 Indian Presidency
 Enclosure

No 257
 Enclosure
 Received
 21st May 1876
 The General Superintendent,
 P. W. Stores,

To
 From
 The General Superintendent,
 P. W. Stores,
 21st May 1876
 1876
 1876
 1876

1876
 1876
 1876
 1876

Dated 29th May 1876
 Received 29th May 1876
 1876

1876
 1876

Statement showing the quantity of Iron imported into the Madras Presidency from England
 South Indian Railway

1876
 1876
 1876
 1876

1876
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1876
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1876
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1876
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 1876
 1876

RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE,

Madras, *17th June 1876*No. *284*

From

Lieut. Colonel J. H. M. SHAW-STEWART, R.E.,
Consulting Engineer for Railways,

To

Major General G. W. WALKER, R.E.,
Secretary to Government,
Public Works Department,
Fort Saint George

SIR,

Referring to the Proceedings of Government No. 108 dated 4th May 1876, I have the honour to state that the Government of India have this day been furnished with ^{*}two statements in the form annexed with the Circular from the Government of India embodied therein, shewing the weights of the whole importation of iron on account of the Madras and South Indian Railways for the last three official years.

I have the honour to be

Sir
Your most obedient servant

W. H. Smith Major, R.E.,

for Genl. Engineer for Railways

* Copies enclosed.

* N. 29 P. W. dated 18th April 1876

① 1873-74
1874-75
1875-76.

1876 Sept.
No. 4230

DISTRICT ENGINEER'S OFFICE, GODAVERY
DOWLAISHWARUM, 19 June 1876.

No 783

From Lieutenant M^{rs} Neil Campbell R.E.
Executive Engineer in charge
Godavery District

To. Major General G. W. Walker R.E.
Secretary to Government D. P. W.
MADRAS

SIR,
With reference to G.O. of the 4th May 1876
No 1108, I have the honor to forward herewith, in
the required form, a statement showing the quan-
tity of Iron received from England, and another
of the quantity of English Iron received through
Firms in Calcutta from the official year 1873/74
to 1875/76.

The latter statement is submitted merely
with a view to shew what quantity of English
Iron is procured in the Country to meet urgent
demands on the Workshop at Dowlaishwarum,
and this information, it is thought may
be of some use in the compilation of the
statement called for by the Government
of India.

I have the honor to be,
Sir,

Your most obedient Servant
M^{rs} Neil Campbell R.E.
Executive Engineer in charge God. D.

Camp

Recd 3rd July/76 L. 1000

113100-
C. 20.6.76 P. 20.3.776

Imp. Secy. and
the Secy of India
have been furnished
with information
in regard to the
quantities of iron
as the R. Department

Dated 9th June 1876
Received 11th June 1876
E 25 No. 284

From
The Consulting Engineer
for Railways,
RAILWAY DEPARTMENT
To
The Secretary to Government,
P. W. Department,
Fort Saint George.

P. K. 1876 Department
 82-4560

Recd Suppl L 1313

1876
 From Executive
 The District Engineer,
 in charge Colony District.
 To The Secretary to Government
 Department Public Works
 MADRAS
 Dated 19th June 1876
 Received 21st June 1876
 NO. 782
 Public Works

Subject.

From Engineer. Forms
 two statements of. One show-
 ing the quantity received
 from England and the other
 of that received from the
 mines at Palakkad with
 certain explanation.

No 3113-

Encl. 6. 76 - 276
 Subs to No 28-62

17
 No 1679 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT

Under date the 3rd July 1876
 Read the following.

From
 The District Engineer } (H.E. No 986 of 29th June 1876)
 Presidency }
 Conference for Dy. } (H.E. No 284 of 9th June)
 District Engr. } (H.E. No 488 of 17th do.)
 Kodaverry }

Ordered that the
 returns furnished
 from the Kodaverry and
 Presidency Engineers
 be forwarded to the Govt.
 of India, with reference to
 circulars dated the 18th April 1876 & 27th May 1876.
 2. It is observed that
 the Conference has
 forwarded his report
 direct to the Government.

H. S. Godeaux.
 Presidency
 Secy to Govt.
 Secy to Govt.
 Secy to Govt.

~~of India.~~

(H.E. No 1680 of 3rd July 1876)

Copy of the enclosed
forwarded to the Govt.

of India.

(and) 28.6.76

(and) 28.6.76

Mr. [unclear]

[unclear]

[unclear]

[unclear]

[unclear]

[unclear]

[unclear]

[unclear]

[unclear]

[unclear]

[unclear]

3054
30560 CH
501870 2100
PUBLIC WORKS.

The H. & Godavery

Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
1876

No 31-32
+ 33

Iron imported into India.
The returns furnished
from the Godavery
& P. & S. Ry. to be
forwarded to the Govt
of India.

21-7-76