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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works

DEPARTMENT

G.O. No.	768 - W	Press.
B.P. No.	dt- 15-2-1878	Mis.
Dated		197 .

Not to be folded or roughly handled

25. 860 pnd
30/11

Remarks of His Grace the Governor.

The result of the enquiries shows that while the average tonnage of metal melted is about 80 tons per annum including private work, the expense of providing Cupolas with a melting power, if worked alternately as suggested by Mr. Granger, of 27 tons a week for 48 weeks 1296 tons - or 16 times the average wants and 14 times the maximum of any year. This appears to me to have been a very unnecessary outlay of

capital and I think no ex-
penditure whatever if any
remains unspent should
be incurred or allowed in
respect of the larger Cupola
or its blast ~~1882~~ - and that
no addition or alteration of
machinery buildings ~~1882~~
in the Public Workshops
should be made without the
reasons and cost being sub-
mitted to the Chief Engineer,
as the Superintendent may not
always in his natural desire
to perfect or make still more
complete the Workshops be
aware of the financial or
other reasons which may affect
the matter.

(32) B & C
P.S. I shall be glad to hear
that the stock taking is com-
pleted or nearly so, and its
result. (32) B & C

C/1/309

1882
The result of the
enquiries shows that
while the average
consumption of melted
metal is about 30
tons per annum including
private works -
the expense of providing
cupolas with a
melting power of
1000 lbs. ultimately
as suggested by Mr
Garrigues of 27
tons a week =

offer

capital and I think no ex-

Ch. 1/3

16
In 48 weeks
1296 tons - or
16 times the
average wants and
14 times the
maximum
of any year -

This appears to me
to have been
a very unnecessary
outlay of capital

the matter.

P.S. (32) B.H.

I shall be glad to hear
that the stock taking is com-
pleted or nearly so, and its
result. (32) B.H.

and I think no
expenditure whatever
if any remains
unspent should be
incurred or allowed
in respect of the
layer capital
or its stock - or
and that no
addition of machinery
buildings or in
the public workshops

offer

capital and I think no ex-

Chk

Should be made

entirely the same
& not being submitted
to the C. I. -

as the Superintendent
may not always

in his material
desire to perfect

or make still more
complete the work

to some of the
financial or other

reasons which may
affect the matter

P.S. I should be glad

to hear that the

stock taking is

completed or nearly

so and its result

Yr

7/68 W

Presidency

Yr

Vol 4/2

Vapier Foundry Company, Limited.

Madras, 9th August, 1877.

Lieut Colonel J. H. M. Shaw Stewart &c.

Consulting Engineer

to Government for Railways.

Madras.

Sir,

Referring to the correspondence
which passed between this Company
and your Department in June last
on the subject of castings of foot
plates - Railway Chairs &c, we regret
to inform you that the Directors
of this Company have, in the absence
of orders to a sufficient extent to
justify the unavoidable outlay entailed
by the maintenance of the Foundry
Establishment in an efficient condition
for work, been compelled to close the
Foundry and dismise their workmen.

The Company must therefore
for the present withdraw from its
offer

offer to cast the articles regarding supply of which you enquired.

We are instructed to endeavour to arrange for the Foundry premises being leased, or otherwise made available, for the demands, which though to a small extent, undoubtedly does exist for miscellaneous castings.

The Directors however instruct us, previous to commencing such enquiries, to apply to your department in order to ascertain whether arrangements could be made for the purchase, or lease, of the premises by the Madras Railway Company - or generally for the Railways of Southern India. The Foundry is in many respects most conveniently situated for such an object, and the Directors cannot but think that it would be to the advantage of the Railway Companies of Southern India if their works were taken up for the supply of such castings.

16/2
castings as must constantly be required in the permanent way, Locomotive, and other departments of the Railway Companies.

We have therefore the honour to request that you will bring the subject of this letter to the notice of Government, and should the above suggestion be favourably entertained we will be happy to make a definite proposal for either the lease or sale of the property.

We have the honour to be,
Sir,

Your most obedient servants,

Arthur Moller

Secretaries Napier Foundry Co. Limited.

1221
13
PUBLIC WORKS DEPARTMENT,
Railway Branch.

Consulting Engineer's Office,
Madras, 15th August 1877.

Letter from Secretaries, Rapier
Foundry Company, Limited, dated
23 August 1877.

No. 407

SUBMITTED

for the consideration of Government

2. Madras Railway Company
are now erecting a foundry at
Perambore, at an estimated cost of
Rs. 32,759; it is improbable therefore
that they would be willing to
purchase or lease the premises
now occupied by the Rapier Foundry
Company.

Menthornt

Stooler
Consr. Engr. for Ry.

12 August.
W.

From
The Consulting Engineer
for Railways.

No. 407
Dated 15 August 1877
Received

No. of Enclosures.

Subject.

Submitting a letter
from Lupton, Staples
& Co. Company, Limited,
dated 9th August 1877
on the subject of casting
of foot sleepers - Railway
Chairs &c.

P.W.D

No. 2396 of 23rd Aug 77

Memorandum.

The General Superintendent P.W.
Stones and Workshops will, as early as
practicable, submit a report of the
average weight of castings and foundry
work turned out annually from the
Workshops Foundry when in full work.
He will further report what portion if any
of the new Foundry has been built its
value and the cost of the additions
necessary to complete - or if nothing has
been done the total cost of the proposed
new Foundry

Sd/ W. Farewell Colonel
Sd/ Chief Engineer P.W.D

To
The General Supt. P.W. Stones

Madras, 19. Sept. 1877.

No. 2065

From

THE GENERAL SUPERINTENDENT,

PUBLIC WORKS WORKSHOPS AND STORES,

To

THE Deputy Chief Engineer
P. P. D.

Fort St George.

Sir,

With reference to your letter No 2396 dated 23rd August 1877, I have the honor to state that the weight of Castings turned out of the Workshops Foundry, during the past 3 years, is as follows:

Year	Cast turn	Value	Profit
	Rs.	R. A. P.	R. A. P.
1873-74	1980 11	14245 12 10	3328 14 11
1874-75	1576 88	12609 12 5	1810 5 1
1875-76	1723 98	13988 0 7	3523 11 11

8097 4738 The amount sanctioned for the Foundry at the new Workshops is Rupees 4200

Amount expended Rupees 12350

Leaving a balance of Rupees 815

To complete the fitting of Brass Foundry two iron Anvils and two drying rooms.

May mention that the Foundry is at work the iron being melted in a portable Anvil

Cupola and worked by a 4 Horse Power Engine
Until the two Iron Cupolas are completely
fitted up, the Foundry will not be in full
work

I have the honor to be
Sir,

Your most obedt Servt

W. B. Baddley Lintell R. C.
In charge P. W. Workshops & Stores

From

The General Superintendent,

To

The Dy. Chief Engineer

P. W. Workshops,

Dated 19

Despatched 19

Received

No. 2065

Enclosures

Weight of casting - 100 lbs

and of the iron, 100 lbs

During the last 30 days

There are well as the

to be put in each 30

No 30

P. W. D

Memorandum

Letter from the General Superintendent
P. W. Stores and Workshops No 2065 7/19
September 1877.

The General Superintendent
P. W. Workshops will report through the
District Engineer Presidency with
reference to the foregoing letter
how much of the melting of each of
the 3 years specified was for Municipal
and private persons, i.e. how
much of the work turned out was
other than Govt work. He will
also state the melting capacity of
the two new cupolas. It is understood
that the castings for trusses of bridges
over the junction Canal are not
being done at the P. W. Workshops.
The reason of this should be explained.

Fort St George }
3rd January 1878 }

(Signed) E. A. Hoard Coll M.
Chief Engineer & D

To The General Supt
P. W. Workshops through the
Dist Engr. Presidency

Letter from the General Superintendent
P.W. Dept. Works and Stores.

FOR ORDERS.

Circulated with
reference to remarks
by His Grace the Governor
on previous letters.

St. George
Sept 7/73

Edw. Dmd. Coll. R.
Secretary to Government
P.W. D.

apparently we are
getting a better
idea of our
needs -
as we know how
much of the military
equipment the system
of work is for
general use - i.e.
the whole thing

work - and what the melting
capacity of the 2 new
cups - also why
often the melting for
the same purpose

FOR ORDERS.

*From the family
with the
N. J.*

P. W. DEPARTMENT.

Read the following:-

*From the Consulting Engineer
for Railways No 1072 15 Aug 77*

FOR ORDERS.

Manitowish

*It is a great pity
as well as the
the fact that the
must be replaced with
in such an unworkable
condition only because
it is the minor matter
I W. & P. W. & Co. suggest that
When their contingent of iron rails is
used your account with P. W. & Co. is
very likely to be
referred to the same*

*Recd 2.2.78
24.8.78
16.2.78*

FOR ORDERS.

His Grace the Bishop
of Madras

No. 2395

Transferred to the
Secretary to Govt.
Public Works Dept.
for disposal, with
reference to His Grace
the Governor's Remarks.

Mentmore

Print Secy to Govt.
Railway Branch

Madras
23rd Aug 1877.

Recd 2-2-78.

Cor 16-8-77

1873
Municipalities Private Persons

Regt	Weight	Amount	Regt	Weight	Amount
316	22960	1493.12	117	311	12.00
335	4875	376.29	526	148	19.70
108	206	16.16	307	15	13.20
376	1438	112.30	579	1059	1.66
			522	26	68.11
			799	50	2.70
			645	61.2	4.11
			1000	4	5.12
			578	120	6.00
			341	112.2	9.60
			1001	61	17.61
			917	48	3.13
			1318	144	3.00
			1330	181	11.76
			1203	28	14.23
			1642	8.2	2.30
			341	649	12.10
			1767	36	60.13
			1531	13	3.60
			1800	196	1.36
			1897	455	18.50
			1868	14	42.10
			1611	114	1.16
			2346	42	8.14
			2594	14	3.15
			2990	22	14.00
			3169	140.3	2.10
			3281	186.2	30.00
			3338	343	14.15
			3563	662	27.90
					41.60
					5284.4
					43241

294.17 229433

31 JAN 78

Municipalities

Private Persons

[illegible]

3074	23	5 13
577	3 1/2	5 3
733	2 1/2	5 39
1411	7 6 6	71 13
1499	553	51 53
1417	55	5 26
1294	342 1/2	32 19
1597	6672	541 12 10
1791	28 1/2	5 70
1872	14 6 5	136 6 6
2133	34	3 30
2214	120	11 40
2542	16	1 60
2700	232	20 11 5
2728	230	18 7 9
2781	232	19 2 6
3007	390	31 5 5
2803	128	10 20
2958	547	50 15 7
3088	2 3/4	2 5 8
2465	220	20 10 0
3128	2733	240 13 4
3361	40	3 30
3496	552	41 15 2
3859	969 1/2	77 14 5
3879	1555	124 15 3
3316	52	4 14 0

18074 $\frac{5}{4}$ 1527106

Presidency Protocol
Madras

30th January 10/85

Ed Webb

Co 16-8-77

1875

Hammer & Siles

Private Persons

[illegible]

434	226	21 3.
384	105-59	878 711
444	23	2 2 7
5-63	7 $\frac{3}{4}$	118
641	26 $\frac{1}{4}$	2 2 1
5-54	28 $\frac{1}{2}$	2 10 9
857	671	53 14 9
943	30	2 13.
1033	682	47 6 7
1035	170	15-15.
1050	485	45 4 1
1221	14	1 5.
1350	26	2 1 5
1439	10 $\frac{1}{2}$	4 15-9
1604	24	1 14 10
1625	34	2 11 9
1728	15-2	12 3 5
1833	13	1 3 6
1479	2 $\frac{1}{2}$	3 9
2308	17	1 9 6
2362	164 $\frac{1}{2}$	14 7 9
2716	24 $\frac{1}{2}$	2 4 9
2708	304	28 8.
2897	50	3 14 6
2950	428	40 2.
3475	82	3 . .
3504	49	3 15.
3623	98	9 3.
3834	198	15 14 4
3910	3350	269 3 1
4081	333	26 12 2
4183	120	11 4.
3945	70	6 9.

18.412 $\frac{1}{2}$ 15222

J. B. Granger
Genl. Sept. 19. Wash. D. C.

[illegible]

P.S.

31 JAN 78

PRESIDENCY WORKSHOPS, D. P. W.,
Madras, 31 January 1878.

No. 3327

FROM

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS AND STORES,
MADRAS,

To

The District Engineer

Presidency

Fort St George

SIR,

Enclosure

With reference to Memo No. 73 Jan 78 from Chief Engineer D.P.W.,
received under your endorsement No. 553 of the 4th Instt, I have the honor
to append a Statement, showing the weight & value of castings supplied
to Municipalities & private persons during the past three years.

2. There are two cupolas erected in the Foundry for iron Castings,
the melting capacity of the large cupola is 5 Tons per day, & that
of the small one four Tons per day of 10 hours. The charge for each
is usually 224 lbs of Metal & 30 lbs of Coke. The number of charges
5 per hour or 50 per day. The 2 Cupolas can be worked alternately
every day in the week if necessary. The Castings for the Junction
Canal Bridge were done at the "Napier Foundry," as the Workshop
Foundry was not prepared to take in work, owing to the removal
from the heap.

I have the honor to be

Your most obedt Servt.

J. H. M. M. M.
Chief Engineer, Presidency Workshops & Stores

801-12-7720 1878 W.

Presidency P. W. Workshops.

From
The General Superintendent,
P. W. Workshops and Stores,
Madras,

To The District Engineer,
Presidency.

No. 3327.

Dated 30
Despd. 30
Reed. } January 1878.

No. of ENCLOSURES: 1 *Sett*

Subject

Forward a
Statement of the weight & value
of castings supplied to the
Municipality & private parties
by Workshops during the past
3 years.

No. 6121.

Submitted to the Chief
Engineer Madras with reference
to this Memo No. 30 of 3rd
January 1878 -

Encls. 1
one *Vol. 1*
1st Feb 78 *Dist. Engr. Presidency*

Ca 2.2.70
24.2.70

No 768 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 15 Feb 78

Read the following:-

From
The Cons. Engr. for Railways (N.C. No. 407 d/15th August 1877)
Chief Engineer's Memorandum (No. 2396-23rd Dec 77)
The Genl. Supt. P. W. Stores (No. 2065-19th Sept 1877)
Chief Engineer's Memorandum (No. 30-3rd Jan 1878)
District Engineer Presidency (No. 6121-1st Feb 78)

No. 1899 Wd/1st Dec 1877

Handwritten signature/initials

I think this scarcely *is*
sufficiently *is*
of importance

R.I.

The offer of Messrs
Bolton & Co. to make over
the foundry to Government has
already been declined; and
it does not seem to be required
by the Railway Company who
are erecting one of their own
at Perambore.

20th Dec 78. The result of the inquiries
made as to the castings turned
out at the Public Works
Workshops at the Presidency
shows that, while the average
tonnage of metal melted,

From East India
Nov 11. Mr. Martin

urgent R.R. 10/12

including private work, is about 80 tons per annum, the expense has been incurred of providing cupolas, with a melting power, if worked alternately as suggested by Mr. Grainger, of 27 tons a week, which for 48 weeks = 1296 tons. This is 16 times the average wants and 14 times the maximum of any year.

3. This result seems to indicate a very unnecessary outlay of Capital. No expenditure whatever, if any remains to be incurred, should be allowed in respect of the large Cupola or its blast, &c., And it will be a standing rule in future that no addition or alterations of Machinery, buildings, &c., in the Public Works Workshops shall be made without the reasons and cost being fully explained to, and approved of by the Chief Engineer.

Q 14.3.70

H.2. GUT

Presidency
Comptroller for Ryo. 31
Chief Eng. S.W. 51
DISP 223-2-78

2008
1906
1923
Ct. of 1878, ~~Madras~~
PUBLIC WORKS.

To *The D. A. Presidency*

Dated

Issued

Recd.

Encl.

G. O., 15th Feb 1878, No. 768W

Nos.

Ph. Workshops. Presidency
No expenditure whatever
to be allowed in respect of
the large Cupola or its
blast &c, and no addition
or alteration of machinery,
buildings &c in the —
to be made without the
approval of the Chgoys

Contd in Page