2. Date of Despatch 25-7-38
3. Initials of Reference

M.R.O. 1—52,400—22-11-30.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cno. Ed. 274. 1858

G.O. No. 761 Press Mis.

Dated 23-4- 1858

36-37

Not to be folded or roughly handled

No. 36. Read the following Extract from the Minutes of Consultation in the Financial Department, dated the 18th March 1858, No. 192.

Read the following letter from R. E. MASTER, Esq., Acting Secretary Mint Committee; to T. PYCROFT, Esq., Chief Secretary to Government, dated 11th March 1858, No. 58.

SIR,

1. I have the honor, by desire of the Mint Committee, to forward for submission to Government, the accompanying copy of a letter from the Acting Mint Master, dated 5th Instant, No. 342, representing the great advantage of Steam power in Mint operations, and requesting to be allowed to procure from the Chief Engineer's Department, two more Engines, which he has learnt by a letter* from that Department, can be at once spared for the use of the Mint.

* Dated 26th February 1858, No. 7688, copy herewith forwarded.

2. The Committee beg strongly to recommend the Acting Mint Master's application for the early sanction of Government. The value of the Engines can be adjusted in due course by the necessary entries of credit and debit in the books of the two Departments.

From Lieutenant Colonel F. C. COTTON, Engineers, Acting Mint Master;

To G. L. PRENDERGAST, Esq.,
„ S. D. BIRCH, Esq.,
„ W. H. BAYLEY, Esq.,
} Mint Committee,
dated 5th March 1858, No. 342.

GENTLEMEN,

Para: 1st. Your Committee are fully aware that I advocate the use of the Steam power in the Mint wherever it can be employed, First, because it is more economical than either manual labour, or cattle power; Secondly, because it reduces to the utmost the number of men in the Mint; Thirdly, because it occupies little space, and Fourthly, that it causes no expence when circumstances occur which make it necessary that the work of the Mint should be reduced for a time.

2nd. The Silver Laminating Mills will shortly be worked by Steam. The Copper slips are now rolled by means of it. And the Blast for the Iron Foundry Cupola is also obtained by a Steam Engine. The operations to which the same power could now be advantageously applied are—The lamination of ingots, cast from the Scissel Copper. The movements of Laths and Machines for planing, turning, and drilling, and the supply of air to the Blacksmith's forges, and the several Furnaces now dependent upon Chimnies for a draught through their fires. The two former of these I am able and anxious to employ Steam upon at once. The third requires more preparation and might be deferred till the arrival of the Patent Blowing Machines indented for from home.

3rd. In my letter of the 21st January last, I said that I hoped the Government would allow the Mint to have the use of one of the Engines landed for the Engineer's Department, and when writing that, I hoped that some of those Engines might be equal to 15 Horse power. I am given to understand, however, that that is not the case and that the largest are only 8 Horse. These will however answer to the extent of their power, and will enable me to begin the Coinage from the Scissel Copper. I should like to bring two of them into use immediately. One for the lamination of ingots, and one to do the duty, for the present, of the Engine out of repair, in turning the laths, &c. The latter is more powerful than is required for the purpose to which it is to be applied, but can be worked to the power required; and it will be very advisable to have it in the Mint to be brought to the assistance of the Copper laminating Engine, if it should be out of order.

4th. Your Committee are aware that the Engine last mentioned has been at work almost incessantly for the last 16 months, and that upon it depends the whole Copper Coinage. It cannot be expected to work on constantly without some parts of it failing; and I am very anxious

to have at hand an Engine to do its' duty when that occurs and the Lathe Engine might be so employed.

5th. Under these circumstances I trust that your Committee will obtain sanction for the use of two Engines, to be paid for by the Mint as soon as their price is determined. The accompanying copy of a letter will shew that they can be spared by the Department for which they were sent from England, and I hope the fact of the cost of them not having been determined will not delay their issue. I imagine that they will not cost more than about 4,000 Rupees each

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From Captain CHARLES A. ORR, Superintending Engineer Northern Circle; to Lieutenant Colonel FREDERICK C. COTTON, Acting Mint Master, dated 26th February 1858, No. 7688.

SIR,

Referring to your letter of the 10th February 1858, I am directed to inform you, that the Chief Engineer, fully concurring in your opinion, that the Mint has more work at present for the Steam Engines received for this Department than can be found elsewhere, will, if so authorized by the Government, be very happy to place at your disposal, those two of the number now in the Arsenal, which are best suited to your purpose, on their cost price being credited to the Department of Public Works.

Resolved, for the reasons stated by the Acting Mint Master, that the foregoing application to be allowed to obtain from the Chief Engineer two more Steam Engines for the use of the Mint, be forwarded to the Public Works Department with a request that it may be complied with, the value of the Engines being charged to the Mint.

(True Extract and Copies.)

(Signed) T. PYCROFT,
Chief Secretary.

No. 37. ORDER THEREON, No. 761; dated 23rd April 1858.

The Government observe that, in Extract Minutes of Consultation 21st January 1857, No. 145, it was laid down that any Officer or the head of a Department requiring Machinery &c. should make an application to Government specifying the article, its exact value, and to what use it is to be applied. The Acting Mint Master should have specified the value of the Machines and obtained the sanction of Government in the Public Department for the amount, so that he might obtain them from the Arsenal on payment according to the rules. Colonel Cotton will now be good enough to state the amount he may require for the purchase of the Machines, so that the necessary sanction may be granted.

(Signed) H. FORBES,
Acting Secretary to Government.

FINANCIAL DEPARTMENT.

No. 192.

Extract from the Minutes of Consultation under date the 18th March 1858.

Read the following letter from R. E. MASTER, Esq., Acting Secretary Mint Committee; to T. PYCROFT, Esq., Chief Secretary to Government, dated 11th March 1858, No. 58.

SIR,

1. I have the honor, by desire of the Mint Committee, to forward for submission to Government, the accompanying copy of a letter from the Acting Mint Master, dated 5th Instant, No. 342, representing the great advantage of Steam power in Mint operations, and requesting to be allowed to procure from the Chief Engineer's Department, two more Engines, which he has learnt by a letter* from that Department, can be at once spared for the use of the Mint.

* *Dated 26th February* 1858, *No.* 7,688, *copy herewith forwarded.*

2. The Committee beg strongly to recommend the Acting Mint Master's application for the early sanction of Government. The value of the Engines can be adjusted in due course by the necessary entries of credit and debit in the books of the two Departments.

From Lieutenant Colonel F. C. COTTON, Engineers, Acting Mint Master;

To G. L. PRENDERGAST, Esq.,
" S. D. BIRCH, Esq.,
" W. H. BAYLEY, Esq.,
} Mint Committee,

dated 5th March 1858, No. 342.

GENTLEMEN,

Para: 1st. Your Committee are fully aware that I advocate the use of the Steam power in the Mint whereever it can be employed, First, because it is more economical than either manual labour, or cattle power; Secondly, because it reduces to the utmost the number of men in the Mint; Thirdly, because it occupies little space, and Fourthly, that it causes no expence when circumstances occur which make it necessary that the work of the Mint should be reduced for a time.

2nd. The Silver Laminating Mills will shortly be worked by Steam. The Copper slips are now rolled by means of it. And the Blast for the Iron Foundry Cupola is also obtained by a Steam Engine. The operations to which the same power could now be advantageously applied are—The lamination of ingots, cast from the Scissel Copper. The movements of the Lathes and Machines for planing, turning, and drilling, and the supply of air to the Blacksmiths' forges, and the several Furnaces now dependent upon Chimnies for a draught through their fires. The two former of these I am able and anxious to employ Steam upon at once. The third requires more preparation and might be deferred till the arrival of the Patent Blowing Machines indented for from home.

3rd. In my letter of the 21st January last, I said that I hoped the Government would allow the Mint to have the use of one of the Engines landed for the Engineer's Department, and when writing that, I hoped that some of those Engines might be equal to 15 Horse power. I am given to understand, however, that that is not the case and that the largest are only 8 Horse. These will however answer to the extent of their power, and will enable me to begin the Coinage from the Scissel Copper. I should like to bring two of them into use immediately. One for the lamination of ingots, and one to do the duty, for the present, of the Engine out of repair, in turning the lathes, &c. The latter is more powerful than is required for the purpose to which it is to be applied, but can be worked to the power required; and it will be very advisable to have it in the Mint to be brought to the assistance of the Copper laminating Engine, if it should be out of order.

4th. Your Committee are aware that the Engine last mentioned has been at work almost incessantly for the last 16 months, and that upon it depends the whole Copper Coinage. It cannot be expected to work on constantly without some parts of it failing; and I am very anxious to have at hand an Engine to do its' duty when that occurs and the Lathe Engine might be so employed.

5th. Under these circumstances I trust that your Committee will obtain sanction for the use of two Engines, to be paid for by the Mint as soon as their price is determined. The accompany-

From Captain CHARLES A. ORR, Superintending Engineer Northern Circle; to Lieutenant Colonel FREDERICK C. COTTON, Acting Mint Master, dated 26th February 1858, No. 7688.

Sir,

Referring to your letter of the 10th February 1858, I am directed to inform you, that the Chief Engineer, fully concurring in your opinion, that the Mint has more work at present for the Steam Engines received for this Department than can be found elsewhere, will, if so authorized by the Government, be very happy to place at your disposal, those two of the number now in the Arsenal, which are best suited to your purpose, on their cost price being credited to the Department of Public Works.

Resolved, for the reasons stated by the Acting Mint Master, that the foregoing application to be allowed to obtain from the Chief Engineer two more Steam Engines for the use of the Mint, be forwarded to the Public Works Department with a request that it may be complied with, the value of the Engines being charged to the Mint

(True Extract and Copies.)

Chief Seeretary

To the Mint Committee.
„ Public Works Department.
„ Accountant General.

Exd. J. A. Wilson.

Public Works Department

No 761.

Extract from the Minutes of Council Station
Under date the 23rd April 1858.

Read the following Extract
from the Minutes of Committa
tion in the Financial Depart-
ment.

"Referred to the 15th August 1858 No 1922"

The Government
Advertisement in Otago Witness
of the 31st January 1857.
stating, it was laid down as that
any Officer at the Head of a
Department, requiring Mate-
rials, &c should make
an Application to Govern-
ment specifying the Article
&c

Read the following Extract from the Minutes of Council Station under date the 15th August 1858.

Read the following Extract from the Minutes of Committation in the Financial Department.

Referred to the Public Works Department

Read the following Extract from the Minutes of Council Station under date the 23rd April 1858.

Read the following Extract from the Minutes of Committation in the Financial Department.

Referred to the Public Works Department

its exact value, and 50 what use it is to be applied. The Acting Mint Master should have specified the value of the Machines and obtained the sanction of Government in the Public Department for the Amount, so that he might obtain Rem from the Arsenal on payment according to the Tender bottom with pique dagger enough to state the Amount he may require for the purchase of the Machinery, & so that the necessary sanction may be granted.

To

Acting Mint Master
Public Department
Chief Engineer
Inspector General of Ordnance
and Magazines

To Inspector of the Fort Dep
Fort St Geo

Public Works 6503 Dep.t
Dep.t to Couns: 27th April

No. 761

Contracts Engrs: & Couns:
Dep.t 23rd April 58

Observing that in the Order
of the 21st January 1857 No. 105,
it was laid down that any
Officer at the head of a Depart-
ment requiring Machinery
for Steam Engines &c &c shall make an applic-
ation to Government specif-
ying the Article, its exact va-
lue, and to what use it is
to be applied; and requesting
Colonel Colleton to state the
amount he may require for
the purchase of the Machine-