M.R.O. 1—52 400—22-11-30

# MADRAS RECORD OFFICE.

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## Government of Madras.

Financial DEPARTMENT.

G.O. No. 486-7 Press Mis.

Dated 29th August 1857

BNo. 11-13 15/16

**Not to be folded or roughly handled**

*Proceedings of the Madras Government, Financial Department, from 27th August to 2nd September* 1859.

No. 11. From Major CHARLES A. ORR, Mint Master; to the Chief Secretary to Government, Fort Saint George, dated 15th July 1859, No. 95.

*Order of Government, dated 8th July* 1859, *No.* 370.

Para. 1st. I have the honor to forward two letters lately addressed by me to the late Mint Committee, and yesterday returned in consequence of its abolition.

2nd. The first relates to the alterations and augmentations of the pay of the Mint Establishments suggested by Lieut. Colonel F. C. Cotton and Lieut. Colonel Bell, in their letters of the 1st February and 31st March 1859, on which my opinion was requested by the late Committee with reference to the order of Government, under date the 14th June 1859, No. 335.

*Order of Government, dated 22nd June* 1859, *No.* 350.

3rd. The second is my report of having taken over charge of the Gold Coins ordered to be transferred from the General Treasury to the Mint, with my suggestion as to their disposal.

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From Major C. A. ORR, Engineers, Mint Master;
To G. L. PRENDERGAST, Esq.,
„ S. D. BIRCH, Esq.,
„ W. H. BAYLEY, Esq.,
} Mint Committee.

Dated 29th June 1859, No. 77.

Para. 1st. In acknowledging your letter, No. 112 of the 23rd Instant, requesting me to make your Committee acquainted with my views on the several points mooted by Lieutenant Colonel F. C. Cotton, in his letter of the 1st February, and supported by Lieutenant Colonel Bell in his letter of the 31st March 1859, No. 415, regarding certain alterations in the Mint Establishments, and increase of allowances to a few of its employés, and to let the Committee know, distinctly, whether or not I concur in the necessity or expediency of the measures advocated, I have the honor to state that I most fully and heartily agree with all those officers have said, and that, looking at the character and extent of the changes which have been made in the Mint since its Establishments were placed on their present low footing in 1850 by Lieutenant Colonel Smith, I have no hesitation in advising the essential augmentation of numbers and salaries recommended by my immediate predecessors, and in assuring your Committee that it will be my endeavour to carry out in the main, so far as they go, most of the alterations and improvements to the buildings and processes, suggested by Lieutenant Colonel Cotton.

2nd. Fully assenting to Colonel Cotton's remarks as to the absolute necessity of supplying the vast quantities of the circulating medium, which are wanted in the shape of small coins, both of silver and copper, to meet the growing requirements of the rising trade and improving agriculture of this country, I have no doubt that the power of this Mint will continue to be increased, as it has been of late from year to year, even if the introduction of a gold coinage be delayed for a season. I am therefore distinctly of opinion that not only should its Establishments be augmented but also that, in simple justice to the hard working and meritorious individuals on whom greatly increased duties and responsibilities have devolved, it is expedient to raise the salaries which are manifestly far too low.

3rd. Colonel Bell, who appears to have put Colonel Cotton's suggestions into definite shape in the form of certain specific proposed augmentations, has omitted two Superintendents who are, I think, paid far too little, and three subordinate members of the Establishment. These are the Superintendent of the Laminating, Cutting, and Adjusting rooms, the Treasurer and Bullion-keeper, and the Moochie, Chickledar and Polisher, and the Die Temperer.

4th. The first, Mr. Bowie, an officer of 17 years' standing in the Mint, is spoken of in the very highest possible terms by Lieutenant Colonel Cotton, and recommended by him for an increase of salary; and as I have already found him to be not only all that Colonel Cotton describes, but also as zealous and useful a man as I have any where met with, I think it only right,

notwithstanding my unwillingness to press for any increased outlay at this time, to give effect to that officer's intentions, by now proposing that the salary of the office Mr. Bowie holds be raised to Rupees 180 per mensem, from its present amount of Rupees 140.

5th. The office of Treasurer and Bullion keeper being one of the utmost trust and responsibility, the salary of Rupees 100 is not adequate, and the holder having to tender security to the extent of Rupees 8,000, it is clearly insufficient to secure, in these times, the services of a person of the class from whom so respectable an office should be filled. I would therefore propose that the salary of this office be raised to Rupees 140 from Rupees 100 its present amount.

6th. These additions, and the augmentations of three minor salaries, will make the proposed monthly increase of the Mint Establishment Rupees 521, as shewn in the accompanying statement, but as Rupees 97 will, as pointed out by Lieutenant Colonel Bell, be saved by them in the contingent list, the actual increase will be Rupees 424 only; and considering the great extension, past as well as prospective, of the operations of this Mint, the very sensible rise in wages and salaries that has generally taken place, and lastly, the very profitable character of the labour of the employés of the Mint, I trust your Committee will strongly recommend the changes now proposed for the immediate sanction of Government, not as a final measure, but as a beginning of those which will be found necessary for the progressive improvement and enlargement of the Mint, to enable it to keep pace with the requirements of the country.

No. 12. ORDER THEREON, 29th August 1859, No. 486.

The Honorable the Governor in Council resolves to submit for the consideration and orders of the Government of India the proposal for augmenting the number and salaries of the servants on the Mint Establishment, with his strong recommendation in support of it. It will be pointed out to the Supreme Government how greatly the work at the Mint, especially in the small coinage, has increased of late years from the introduction of steam and other causes, and with it the labors and responsibilities of the principal servants connected with its several Departments, and that the net increase of Rupees 424 per mensem which the proposed arrangements involve, will be nearly compensated by the dissolution of the Mint Committee and abolition of the Establishment; also that these arrangements are recommended by Colonel F. C. Cotton, who has for a considerable time been in charge of the Madras Mint; by Colonel Bell, who has extensive acquaintance with the Mints both at Madras and Calcutta; and by Major Orr, the present Mint Master.

*Lieut. Col. Cotton to Mint Committee, 1st February* 1859, *p.* 24-29.
*Letter, 29th June* 1859, *p.* 1.

2. The Government are not at present prepared to consider Lieutenant Colonel Cotton's views for the construction of a new Mint on a different site. Major Orr will, as he proposes, carry out as far as they go the alterations and improvements which have been suggested by Colonel Cotton in the existing building and processes.

(Signed) T. PYCROFT,
*Chief Secretary.*

No. 13. TO THE SECRETARY TO THE GOVERNMENT OF INDIA, Financial Department, dated 29th August 1859, No. 487.

I am directed by the Honorable the Governor in Council to submit, for the consideration and orders of the Government of India, copies of the papers noted in the margin on the subject of certain additions to the Establishment of the Madras Mint, and increase of pay to some of the principal servants recommended by the late and present Mint Masters, together with an application in the prescribed tabular form exhibiting the changes involved in the proposed arrangements.

*From the Mint Committee, dated 27th May* 1859, *No.* 94, *with its enclosures, viz., letter from Lieutenant Col. Bell, late Mint Master, dated 31st March last, No.* 415 *and letter and Memorandum from Lieutenant Col. F. C. Cotton, dated 1st February* 1859.
*From the Mint Master dated 15th July* 1859, *No.* 95, *with one of the enclosures, dated 29th June* 1859, *No.* 77.

*Proceedings of the Madras Government, Financial Department, from 27th August to 2nd September* 1859.

2. The proposed alterations originated in a very valuable Memorandum upon the present condition and requirements of the Madras Mint prepared by Lieutenant Colonel F. C. Cotton, who was for a considerable time in charge of the Mint. This Memorandum will be found amongst the papers now forwarded, and the Government would solicit for it a careful perusal, as showing the great attention paid by Colonel Cotton to the improvement of the Mint, and the results obtained by very inadequate means. Colonel Cotton's suggestions for placing the remuneration of some of the Mint servants on a better footing are supported, and others submitted, by Colonel Bell, who has extensive acquaintance with the working of the Mints both at Madras and Calcutta, and by Major Orr, the present Mint Master.

*From Col. Bell to Mint Committee, 31st March* 1859, *p.* 2.

3. It should be observed that the power and performances of the Madras Mint have greatly increased of late years, and with them the labors and responsibilities of the Chief Servants connected with its several Departments. Unlike the Calcutta Mint, which was sent out from England so perfect in all its parts as to be equal to an amount of work beyond what had been anticipated for it, the Mint at Madras has been enabled to increase its out-turn only by the considerable increase made from time to time to its power. The Lamination of Copper, for example, formerly performed only during the actual cessation of the Silver Coinage, is now effected by steam power; and the continuous Copper Coinage has rendered necessary more than double the number of Stamping Presses that were before sufficient. The new plan of using the Copper Scissile for coinage, as yet only partially introduced, will require a still further increase of power, since the Mint will now Laminate not only the Copper slips imported from Europe, but also the ingots cast from the melted and alloyed Scissile. When the Steam Engines for Laminating Silver are rendered effective, or replaced by others of European construction, there will be here also a considerable and permanent addition to the power of the Mint.

4. Colonel Bell in reporting on Colonel Cotton's suggestions, remarks, "it is obvious that additional power must require additional superintendence and skill to maintain it in effective use, without taking into consideration what it may have cost to establish. On this account the Mint, as it respects its Establishment, must be viewed in a different light from that in which it formerly stood. The Superintendence and the skilled labor will under such circumstances doubtless require to be provided for on a more liberal scale than before." And he then proceeds (in letter dated 31st March 1859, No. 415, paras. 3 to 11,) to show in detail the new arrangements that are considered to be of real necessity.

5. These arrangements, and the further measures recommended by Major Orr, comprise increase to the number, and augmentation of the salaries, of the servants in the following Departments of the Mint, and involve an extra charge of Rupees 521 per mensem; but as a saving of Rupees 97 will, as pointed out by Colonel Bell, occur in the Contingent List, the actual increase will be Rupees 424 only.

| | | *Increase.* |
|---|---|---|
| | *Mint Office.* | |
| 1 | Moochee from 8 to 14 Rupees ... ... ... ... ... ... ... ... ... Rupees | 6-0-0 |
| | *Mint Treasury and Bullion Room.* | |
| 1 | Superintendent of Machinery and Foreman of work from 200 to 250 Rs. „ | 50-0-0 |
| 1 | Treasurer and Bullion-keeper from 100 to 140 Rupees... ... ... ... ... „ | 40-0-0 |
| 1 | Deputy do. from 30 to 40 Rupees ... ... ... ..... „ | 10-0-0 |
| | *Laminating, Cutting and Adjusting Rooms.* | |
| 1 | Superintendent from 140 to 180 Rupees... ... ... ... ... ... ..... „ | 40-0-0 |
| | *Milling, Cleaning and Stamping Rooms.* | |
| 1 | Superintendent from 100 to 140 Rupees ... ... ... ... ... ... ... „ | 40-0-0 |
| 1 | Deputy do. 30 to 40 Rupees... ... ... ... ... ... ... ... „ | 10-0-0 |

*Die Cutting Room.*

| | | | |
|---|---|---|---|
| 1 | Superintendent from 80 to 100 Rupees ... ... ... ... ... ... ..... | „ | 20-0-0 |
| 1 | Engraver 40 to 60 Rupees... ... ... ... ... ... ... ... | „ | 20-0-0 |
| 1 | do.....30 to 40 Rupees ... ... ... ... ... ... ..... | „ | 10-0-0 |
| 1 | Chickledar and Polisher 10 to 12 Rupees... ... ... ... ... ... ... | „ | 2-0-0 |
| 1 | Die Temperer 8 to 11 Rupees ... ... ... ... ... ... ... ..... | „ | 3-0-0 |

*Artificers Room.*

| | | | |
|---|---|---|---|
| 1 | Superintendent and Founder from 80 to 100 Rupees... ... ... ... ... | „ | 20-0-0 |
| 1 | Deputy do. in Artificer's room from 40 to 60 Rs. ... ... ... ..... | „ | 20-0-0 |
| 1 | do. do. in Iron Foundry (additional)... ... ... ... ... | „ | 40-0-0 |
| 1 | Carpenter from 30 to 40 Rupees ... ... ... ... ... ... ... ..... | „ | 10-0-0 |
| 3 | Blacksmiths (additional) at 40, 30 and 20 Rupees ... ... ... ... ... ... | „ | 90-0-0 |
| 3 | Filers (additional) at 40, 30 and 20 Rupees ... ... ... ... ... ..... | „ | 90-0-0 |
| | Total Rupees | | 521-0-0 |

6. The foregoing Abstract exhibits at one view the particulars of the alterations and additions proposed in the Mint Establishment; and the reasons for them are so fully detailed in Colonel Cotton's Memorandum, Colonel Bell's letter of the 31st March 1859, paras. 3 to 9, and also in Major Orr's letter of the 29th June last, paras. 3 to 6, that the Honorable the Governor in Council does not consider it necessary to do more than to express his full concurrence in the expediency of the measures advocated by all three Officers of the Mint. Adverting to Colonel Cotton's remarks as to the absolute necessity of supplying the vast quantities of the circulating medium, which are wanted in the shape of small Coins, both of Silver and Copper, to meet the growing requirements of the rising trade and improving agriculture of this country, there can be no doubt that the power of the Madras Mint will continue to be augmented as it has been of late years, and that greatly increased duties and responsibilities will consequently devolve upon the Establishment. Considering therefore the great extension, past as well as prospective, of the operations of the Madras Mint, the very sensible rise in wages and salaries that has generally taken place, the impossibility of procuring or retaining skilled labor unless on adequate rates of remuneration, and lastly the very profitable character of the labor of the employés of the Mint, this Government strongly recommends for the sanction of the Government of India, the several augmentations proposed in the Establishment as specified in para. 5 of this letter, at an additional cost of Rupees 521 per mensem, or Rupees 424 per mensem, after deducting the saving in the Contingent List.

*Proceedings of Government, Financial Department, 29th July 1859, No. 420.*

7. I am desired to state that this extra charge will nearly be covered by the saving caused by the recent abolition of the Mint Committee's Office Establishment amounting to Rupees 304 per mensem.

(Signed) T. PYCROFT,
*Chief Secretary.*

NOTE.—The net gain to Government on the Copper Coinage alone from May 1857, to April 1858, was Rupees 1,69,501-13-4, as per Statement B, forwarded with Mint Committee's letter, dated 7th December 1858, No. 194.

## FINANCIAL DEPARTMENT.

| Year. | Revenue. Ordinary. | Revenue. Extraordinary. | Charges. Ordinary. | Charges. Extraordinary. | Total. Revenue. | Total. Charges. | Net. Surplus. | Net. Deficit. |
|---|---|---|---|---|---|---|---|---|
| | C. Rs. | C. Rs. | C. Rs. | C. Rs. | C. Rs. | C. Rs. | C. Rs. | C. Rs. |

Extract from Home Department. Govt. of India. No. Date.

| Office to which the proposition refers. | Nature of Charge. | Present Scale. | Rs. | A. | P. | Proposed Scale. | Rs. | A. | P. | Proposition. Permanent. Increase per Month. R. | A. | P. | Permanent. Decrease per Month. R. | A. | P. | Temporary. Increase per Month. Period. R. | A. | P. | Temporary. Decrease per Month. Period. R. | A. | P. | Grounds of Proposition. | Local Government's recommendation. | Orders of the Government of India. Home Department. Remarks. | Financial Department. Remarks. | Financial Department. Orders. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Madras Mint. | 1 Head Accountant | | 250 | 0 | 0 | 1 Head Accountant | 250 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Deputy do. | | 140 | 0 | 0 | 1 Deputy do. | 140 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Mint Office. | 1 Book keeper | | 70 | 0 | 0 | 1 Book keeper | 70 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Fair Writer | | 35 | 0 | 0 | 1 Fair Writer | 35 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Accountant | | 40 | 0 | 0 | 1 Accountant | 40 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. | | 30 | 0 | 0 | 1 Do. | 30 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. | | 25 | 0 | 0 | 1 Do. | 25 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Draftsman | | 30 | 0 | 0 | 1 Draftsman | 30 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Head Conicopoly | | 14 | 0 | 0 | 1 Head Conicopoly | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Die do. | | 14 | 0 | 0 | 1 Die do. | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Moochie | | 8 | 0 | 0 | 1 Moochie | 14 | 0 | 0 | 6 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Head Peon | | 10 | 0 | 0 | 1 Head Peon | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 4 Peons at 7 Rupees each | | 28 | 0 | 0 | 4 Peons at 7 Rupees each | 28 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Mint Treasury and Bullion Room. | 1 Superintendent of Machinery and Foreman of work | | 200 | 0 | 0 | 1 Superintendent of Machinery and Foreman of work | 250 | 0 | 0 | 50 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Treasurer and Bullion keeper | | 100 | 0 | 0 | 1 Treasurer and Bullion keeper | 140 | 0 | 0 | 40 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Deputy do. | | 30 | 0 | 0 | 1 Deputy do. | 40 | 0 | 0 | 10 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Shroff | | 14 | 0 | 0 | 1 Shroff | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Conicopoly | | 14 | 0 | 0 | 1 Conicopoly | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Weighingman | | 14 | 0 | 0 | 1 Weighingman | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Head Assorter and Examiner | | 14 | 0 | 0 | 1 Head Assorter and Examiner | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Melter | | 14 | 0 | 0 | 1 Melter | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. | | 10 | 8 | 0 | 1 Do. | 10 | 8 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Gollah | | 8 | 0 | 0 | 1 Gollah | 8 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Melting and Refining Rooms. | 1 Superintendent | | 140 | 0 | 0 | 1 Superintendent | 140 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Deputy do. | | 40 | 0 | 0 | 1 Deputy do. | 40 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Conicopoly | | 14 | 0 | 0 | 1 Conicopoly | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Melting Maistry | | 20 | 0 | 0 | 1 Melting Maistry | 20 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Deputy do. | | 12 | 0 | 0 | 1 Deputy do. | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Refining and Punar do. | | 12 | 0 | 0 | 1 Refining and Punar do. | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Acid Maistry | | 12 | 0 | 0 | 1 Acid Maistry | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Cooly | | 6 | 0 | 0 | 1 Cooly | 6 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Gollah | | 8 | 0 | 0 | 1 Gollah | 8 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Laminating, Cutting and Adjusting Rooms. | 1 Superintendent | | 140 | 0 | 0 | 1 Superintendent | 180 | 0 | 0 | 40 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Deputy do. | | 40 | 0 | 0 | 1 Deputy do. | 40 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 2 Conicopolies at 14 Rupees each | | 28 | 0 | 0 | 2 Conicopolies at 14 Rupees each | 28 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Weighingman | | 12 | 0 | 0 | 1 Weighingman | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Head Laminator | | 12 | 0 | 0 | 1 Head Laminator | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. | | 10 | 0 | 0 | 1 Do. | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Pit Maistry | | 10 | 8 | 0 | 1 Pit Maistry | 10 | 8 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Head Adjuster | | 12 | 0 | 0 | 1 Head Adjuster | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. Assorter | | 11 | 0 | 0 | 1 Do. Assorter | 11 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. Assorter | | 9 | 0 | 0 | 1 Do. Assorter | 9 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Superintendent of the Bullock mills | | 20 | 0 | 0 | 1 Superintendent of the Bullock mills | 20 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 10 Bullock Drivers at 5¼ Rs. each | | 52 | 8 | 0 | 10 Bullock Drivers at 5¼ Rs. each | 52 | 8 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Gollah | | 10 | 0 | 0 | 1 Gollah | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Milling Cleaning and Stamping Rooms. | 1 Superintendent | | 100 | 0 | 0 | 1 Superintendent | 140 | 0 | 0 | 40 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Deputy do. | | 30 | 0 | 0 | 1 Deputy do. | 40 | 0 | 0 | 10 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Milling Die Filer and Setter | | 12 | 0 | 0 | 1 Milling Die Filer and Setter | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Filer | | 14 | 0 | 0 | 1 Filer | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Chickledar | | 10 | 0 | 0 | 1 Chickledar | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Furnace Maistry | | 12 | 0 | 0 | 1 Furnace Maistry | 12 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Dross do. | | 10 | 0 | 0 | 1 Dross do. | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Head Stamping Die Setter | | 14 | 0 | 0 | 1 Head Stamping Die Setter | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Stamping do. | | 10 | 0 | 0 | 1 Stamping do. | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | *1 Stamping do.* | | *14* | *0* | *0* | *1 Conicopoly* | *14* | *0* | *0* | ... | ... | | | | | | | | | | | | | | | |
| | *1 Conicopoly* | | *12* | *0* | *0* | *1 Head Shroff* | *12* | *0* | *0* | ... | ... | | | | | | | | | | | | | | | |
| | *1 Head Shroff* | | *8* | *0* | *0* | *1 Gollah* | *8* | *0* | *0* | ... | ... | | | | | | | | | | | | | | | |
| | *1 Gollah* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Die Cutting Room. | 1 Superintendent | | 80 | 0 | 0 | 1 Superintendent | 100 | 0 | 0 | 20 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Engraver | | 40 | 0 | 0 | 1 Engraver | 60 | 0 | 0 | 20 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Do. | | 30 | 0 | 0 | 1 Do. | 40 | 0 | 0 | 10 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Punch Maker | | 25 | 0 | 0 | 1 Punch Maker | 25 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. | | 21 | 0 | 0 | 1 Do. | 21 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Die Puncher | | 21 | 0 | 0 | 1 Die Puncher | 21 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Chickledar and Polisher | | 10 | 0 | 0 | 1 Chickledar and Polisher | 12 | 0 | 0 | 2 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Die Temperer | | 8 | 0 | 0 | 1 Die Temperer | 11 | 0 | 0 | 3 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Apprentice | | 10 | 0 | 0 | 1 Apprentice | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Do. | | 8 | 0 | 0 | 1 do. | 8 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Artificer's Room. | 1 Superintendent and Founder | | 80 | 0 | 0 | 1 Superintendent and Founder | 100 | 0 | 0 | 20 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Head Turner | | 40 | 0 | 0 | 1 Deputy Superintendent in the Artificer's room | 60 | 0 | 0 | 20 | 0 | 0 | | | | | | | | | | | | | | |
| | | | | | | 1 Do. in Iron Foundry | 40 | 0 | 0 | 40 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Spring plate maker | | 30 | 0 | 0 | 1 Spring plate maker | 30 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Head Brazier | | 30 | 0 | 0 | 1 Head Brazier | 30 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Carpenter | | 30 | 0 | 0 | 1 Carpenter | 40 | 0 | 0 | 10 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Blacksmith | | 30 | 0 | 0 | 1 Blacksmith | 30 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | | | | | | 1 Do. | 40 | 0 | 0 | 40 | 0 | 0 | | | | | | | | | | | | | | |
| | | | | | | 1 Do. | 30 | 0 | 0 | 30 | 0 | 0 | | | | | | | | | | | | | | |
| | | | | | | 1 Do. | 20 | 0 | 0 | 20 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Filer | | 30 | 0 | 0 | 1 Filer | 30 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | | | | | | 1 Do. | 40 | 0 | 0 | 40 | 0 | 0 | | | | | | | | | | | | | | |
| | | | | | | 1 Do. | 20 | 0 | 0 | 20 | 0 | 0 | | | | | | | | | | | | | | |
| | | | | | | 1 Do. | 30 | 0 | 0 | 30 | 0 | 0 | | | | | | | | | | | | | | |
| | 1 Moulder | | 20 | 0 | 0 | 1 Moulder | 20 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Apprentice | | 10 | 0 | 0 | 1 Apprentice | 10 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Store Room. | 1 Head Storekeeper | | 100 | 0 | 0 | 1 Head Storekeeper | 100 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Conicopoly | | 14 | 0 | 0 | 1 Conicopoly | 14 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Apprentices. | 3 Apprentices at 30 Rupees each | | 90 | 0 | 0 | 3 Apprentices at 30 Rupees each | 90 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 4 Do. at 20 „ „ | | 80 | 0 | 0 | 4 Do. at 20 „ „ | 80 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| Mint Gate. | 1 Superintendent | | 70 | 0 | 0 | 1 Superintendent | 70 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Head Gollah | | 15 | 0 | 0 | 1 Head Gollah | 15 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 5 Gollahs at 10 Rupees each | | 50 | 0 | 0 | 5 Gollahs at 10 Rupees each | 50 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 3 Do. at 8 „ „ | | 24 | 0 | 0 | 3 Do. at 8 „ „ | 24 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Sweeper | | 5 | 0 | 0 | 1 Sweeper | 5 | 0 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | 1 Toty | | 3 | 8 | 0 | 1 Toty | 3 | 8 | 0 | ... | ... | | | | | | | | | | | | | | | |
| | | Total | 2,991 | 0 | 0 | | Total | 3,515 | 0 | 0 | 521 | 0 | 0 | | | | | | | | | | Vide letter to the Secretary to the Government of India, in the Financial Department, dated 29th Agust 1859, No. 487. | Favorable. | | | |

FINANCIAL DEPARTMENT.

Forwarded for sanction to the Financial Department of the Government of India.

FORT SAINT GEORGE,
*The 29th August* 1859.

(Signed) T. PYCROFT,
*Chief Secy. to the Govt. of Fort Saint George.*

Exd. A. P. W. Begbie.

I have drafted this letter & asked
following the recommendations of
Col. Cotton & Bell and they & Dr.
as it seems to me that what they
have advised is really necessary &
that it is no true economy to cut
down & responsibility & retrenching
adequate measures - not to pay
men whose services cannot be replaced
at such rates as will at present keep
them from seeking employment elsewhere.

At the same time it must be
conceded that the present time of
severe financial difficulty are most

no propitious to any additional ex-
-penditure which can by any possi-
-bility be avoided - It might
perhaps be most prudent
merely to submit the proposal
additions to salaries for such
consideration as it for of such a
case may receive when
circumstances admit to press
only for the extra amount - Each item
must follow - as soon as the urgency
requisite to such be ascertained
work at the Mint.
9/8/59

8

I am of opinion that we ought
to ask for the whole of the
proposed increase -
In every point of
view it is bad to underpay
the Officers of such an Establishment
One of the Objects of the abolition
of fees is to increase the salaries of the
Mint Establishment
WW 13th 59

Mr A Freist

Look at the inclosed
heart pencil sketch
and let Walter say
things can be made
to look as pretty as P6
& P8 letter N Fork /
I have made an
addition in pencil
for a Pyth Regt.
How did you feel
your gait from K

Appendix R

169501 - 12-54

Col Cotton Letter

Encl 2) Statements

R 161,781

From Statement B. Forwarded with Asst Commissary letter dated 9th December 1868 - Ks 194. This Statement was Examined by Colonel Cotton.

A.B.G.

Financial Deptt.

Proceedings of the Madras Government.

Read the following
letter from the Mint Master.

(Dated 15th July 1859, No. 95.)

Order thereon 27th August 1859 No. 486.

The Hon'ble the
Governor in Council resolves
to submit for the considera-
tion and orders of the Govt.
of India the proposal for
augmenting the number &
salaries of the servants on
the Mint Establishment,
with his strong recommenda-
tion in support of it. It
will be pointed out to the
Supreme Govt. how greatly
the work at the Mint, es-
pecially

especially in the small coinage, has increased of late years from the introduction of Steam and other causes, and with it the labors and responsibilities of the principal servants connected with its several Departments - and that the net increase of Rs: 424 per mensem which the proposed arrangements involve, will be nearly compensated by the dissolution of the Mint Committee, and abolition of the Establishment; also that these arrangements are recommended by Colonel F. C. Cotton, who has for a considerable time been in charge of the Madras Mint - by Colonel Bell, who has extensive acquaintance with the Mints both at Madras and Calcutta - and by Major Orr

tion to Mint Committee 1st Feby 1859 p: 24-29.

, 3d June 1859. p: 1.

Orr, the present Mint Master.

2 The Govt. are not at present prepared to consider Lt. Colo. Cotton's views for the construction of a new Mint on a different site - Major Orr will, as he proposes, carry out as far as they go the alterations and improvements which have been suggested by Colo. Cotton in the existing buildings and processes.

J.

J. the Mint Master - Dis. 2d 30th

Dup.d 31st
Enclos: 2.

13

Financial Departt

No 487.

To

The Secy. to the Govt. of India

Sir,

I am directed by the Honble the Governor in Council to submit for the consideration & orders of the Govt. of India copies of the papers noted in the margin on the subject of certain additions to the Establishment of the Madras Mint & increase of pay to some of the principal servants recommended by the late and present Mint Masters, together with an application in the prescribed tabular form exhibiting the changes involved in the proposed arrangements.

2 The proposed alterations originated in a very valuable Memorandum upon the present condition and requirements of the Madras Mint

From the Mint Committee dated 27th May 1859. No 94. with its enclosures, viz letter from Lieut.t Col.l Bell late Mint Master, dated 21st March last. No 415. & letter & Memo.d from Lt. Col.l F.C. Cotton, dated 1st Feby. 1859.

From the Mint Master, dated 15th July 1859. No 95. with one of the enclosures, dated 29th June 1859. No 77.

Rect.d 2 Sept.r
Financial 1859 Departmt

No 1186.

Read Sept.r 9th

9/9/59. Signed T.S.

Resolving to submit for the consideration of the Govt. of India the proposal for augmenting the number and Salaries of the Servants on the Mint Establishment with the changes recommended in Col.l Cotton's letter of the 1st Feby. 1859 & the application of the Superintendent in the prescribed tabular form exhibiting the changes involved in the proposed arrangements - are not at present prepared to consider Dr. Bell's views for the establishment of a new Mint at Calcutta

12

C.g. Dept.
R 16.

Mint prepared by Lieut.t Colonel J. C. Cotton who was for a considerable time in charge of the Mint. This Memorandum will be found amongst the papers now forwarded - and the Govt. would solicit for it a careful perusal, as showing the great attention paid by Col.l Cotton to the improvement of the Mint and the results obtained by very inadequate means - Col.l Cotton's suggestions for placing the remuneration of some of the Mint servants on a better footing, are supported, and others submitted by Col.l Bell, who has extensive acquaintance with the working of the Mints both at Madras & Calcutta, and by Major Orr the present Mint Master.

From Coll. Bell to Mint Committee 31st March, 1869. p. 2.

3 It should be observed that the power & performances of the Madras Mint have greatly increased of late years and with them the labors & responsibilities of the Chief servants connected with its several Departments - Unlike the Calcutta Mint, which was sent out from England so perfect in all its parts as to be equal to an amount of work beyond what had been anticipated for it, the Mint at Madras has been enabled to increase its out-turn only by the considerable increase made from time to time to its power. The Lamination of Copper, for example, formerly performed only during the actual cessation of the Silver Coinage, is now effected by Steam power; & the continuous Copper Coinage has rendered necessary more than double the number of Stamping Presses that were before sufficient.

The

The new plan of using the Copper Scissile for Coinage, as yet only partially introduced, will require a still further increase of power, since the Mint will now laminate not only the copper slips imported from Europe, but also the ingots cast from the melted & alloyed Scissile - When the Steam Engines for laminating Silver are rendered effective, or replaced by others of European construction, there will be here also a considerable & permanent addition to the power of the Mint -

4 Colr Bell in reporting on Colr Colton's suggestions, remarks, "it is obvious that additional power must require additional superintendence & skill to maintain it in effective use, without taking into consideration what it may have cost to establish - On this account the Mint, as it respects its establishment, must be viewed in a different light from that in which it formerly stood - The superintendence and the skilled labor will under such circumstances doubtless require to be provided for on a more liberal scale than before." And he then proceeds (in letter dated 31st March 1859, No 415 paras 3 to 11) to show in detail the new arrangements that are considered to be of real necessity -

5 These arrangements, and the further measures recommended by Major Orr, comprise increase to the number & augmentation of

of the salaries of the servants in the following Departments of the Mint, and involve an extra charge of Rs: 521 per mensem; but as a saving of Rs: 97 will, as pointed out by Colonel Bell, occur in the Contingent List the actual increase will be Rs: 424 only:

| Mint Office | Increase |
|---|---|
| 1 Moochee from 8 to 14 Rupees | Rs: 6 |
| **Mint Treasury & Bullion Room** | |
| 1 Superintendent of Machinery & Foreman of work from 200 to 250 Rs | 50 |
| 1 Treasurer & Bullion-keeper from 100 to 140 Rupees | 40 |
| 1 Deputy — do — from 30 to 40 Rupees | 10 |
| **Laminating, Cutting & Adjusting Rooms.** | |
| 1 Superintendent from 140 to 180 Rs: | 40 |
| **Milling, Cleaning & Stamping Rooms** | |
| 1 Superintendent from 100 to 140 Rs: | 40 |
| 1 Deputy — Do — 30 to 40 Rs | 10 |
| **Die Cutting Room** | |
| 1 Superintendent from 80 to 100 Rs: | 20 |
| 1 Engraver 40 to 60 Rs: | 20 |
| 1 — do — 30 to 40 Rs: | 10 |
| 1 Chickledar & Polisher 10 to 12 Rs: | 2 |
| 1 Die Temperer 8 to 11 Rs: | 3 |

| Artificers Room | Increase |
|---|---|
| 1 Superintendent & Founder from 80 to 100 Rs: | Rs: 20 |
| 1 Deputy — do — in Artificers room from 40 to 60 Rs: | 20 |
| 1 Do — do — in Iron Foundry (additional) | 40 |
| 1 Do — do — in Iron Foundry (additional) | 10 |
| 1 Carpenter from 30 to 40 Rs | 90 |
| 3 Blacksmiths (additional) at 40, 30 & 20 Rs: | 90 |
| 3 Filers (additional) at 40, 30 & 20 Rs: | 90 |
| | Total Rs: 521 |

6 The foregoing Abstract exhibits at one view the particulars of the alterations and additions proposed in the Mint Establishment, and the reasons for them are so fully detailed in Col Cotton's Memoranda & Colonel Bell's letter of the 31st March 1859 paras 3 to 9 — and also in Major Orr's letter of the 29th June last paras 5 to 6, that the Honble the Governor in Council does not consider it necessary to do more than to express his full concurrence in the expediency of the measures advocated by all

all three Officers of the Mint
Adverting to Colonel Cotton
remarks as to the absolute
necessity of supplying the
vast quantities of the circul-
-ting medium, which are
wanted in the shape of
small Coins, both of Silver
and Copper, to meet the
growing requirements of
the rising trade and improvi
agriculture of this Country
there can be no doubt that
the power of the Madras
Mint will continue to be
augmented as it has been
of late years, and that
greatly increased duties and
responsibilities will con-
-sequently devolve upon the
Establishment - Considering
therefore the great extension
past as well as prospective
of

...rosibility of procu-
...retaining skilled
...nuker on adequate
...remuneration,

Note. The net gain to Govt on the Copper Coinage from May 1857 to April 1858 was Rs: 1,04,501-13-4 as per Statement B forwarded with Mint Committee's letter dated 7th Jan. 1858 - No 194.

of the operations of the Mad-
-ras Mint - the very sensible
rise in wages & salaries that
has generally taken place -
and lastly the very profitable
character of the labor of the
employés of the Mint, this
Govt strongly recommends
for the sanction of the Govt
of India the several aug-
-mentations proposed in the
Establishment as specified
in para 5 of this letter at
an additional cost of
Rupees 521 per mensem, or
Rs: 424 per mensem after
deducting the saving in
the Contingent List -

7 I am desired to state
that this extra charge will
nearly be covered by the
saving caused by the recent
abolition of the Mint Com-
-mittees Office Establish-
-ment

Proceedings of Govt Fin.l
Dep.t - 29th July 1859 - No. 430.

Establishment amounting
to Rupees 304 per mensem.

Fort St. George,
29th August 1859.

Pros of Govt 2 Sept

Financial 1859 Dec 16 & 6

№ 487

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To Sec. to the Govt. of India

2/29 August 1859.

Sec. of St. 38 of 63

Submitting for the consideration and orders of the Govt. of India copies of the papers on the subject of certain additions to the Establishment of the Madras Sheriff and messenger of Court to some of the principal Servants —

11 @ 13

C9 Aug 1859