

(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.	2	Press
		Mis.
Dated	18	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th November 1864.*

No. 123. Read the following Proceedings of the Madras Government in the Military
Department:—

Authorizing the provision, in the Ordnance Regular Estimate
for the current year, of Rupees 4,500 for the construction of
the building required for the 30 Cwt. Steam Hammer at the
Gun Powder Manufactory, Presidency District. (Here enter 1st November 1864, No. 3,865.)

No. 124. ORDER THEREON, 5th November 1864, No. 3,191.

Communicated to the Superintending Engineer, 4th Division, with reference to the Proceed-
ings of Government, No. 2,054, dated 16th July 1864.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.
„ Accountant General.
„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

From the Inspector General of Ordnance and Magazines, Fort Saint George, 20th August 1864, No. 109; to the Secretary to Government, Military Department.

Adverting to the Order of Government, No. 2505, dated 21st July 1864, communicating Proceedings of Government, Public Works Department, No. 2054, dated 16th July 1864, relative to the provision of funds for the construction of the building required for the 30 Cwt. Steam Hammer at the Gun Carriage Manufactory, being included in the Budget Estimate of the Department Public Works for the ensuing official year, I have the honor to submit to Government that the interval which must necessarily elapse before the Steam Hammer can be brought into operation is detrimental to the interests of the Manufactory; and I, therefore, respectfully beg permission to urge the expediency of the early commencement of the work, the more especially as a considerable money saving will be effected in working up Iron Scraps by means of this (30 Cwt.) Steam Hammer.

Report from Major J. G. Touch, conducting the duties of the Controller of Military Accounts, Fort Saint George, 15th October 1864, C; to the Secretary to Government, Military Department.

I have the honor to forward a letter from the Inspector General of Ordnance, referred to that Officer for transmission through this Office with your Memorandum of the 24th August 1864.

Dated 20th August 1864, No. 109.

2. Also a letter from the same Officer with an Estimate of the saving from the working of the 30 Cwt. in lieu of the 15 Cwt. Hammers.

Dated 12th October 1864, No. 5426.

3. No funds can be made available from the Ordnance Estimate for the construction of the building required for the 30 Cwt. Hammer, nor are they available from the General Military Estimate; but, with the sanction of Government, the necessary provision can be made in the Ordnance Regular Estimate.

4. The annual direct saving from the use of the large Hammer, as estimated by the Superintendent of the Gun Carriage Manufactory, is Rupees 1,950; but only a small portion of such saving could accrue during the current year.

5. A saving in Coal is anticipated, but the Superintendent is unable now to estimate the amount.

From the Deputy Inspector General of Ordnance and Magazines, Fort Saint George, 12th October 1864, No. 5426; to the Controller of Military Accounts.

Adverting to your letter, No. 666, dated 30th August 1864, I have the honor to forward a Statement prepared by the Superintendent Gun Carriage Manufactory, exhibiting an Estimate of the annual saving that can be effected, in turning out 2 Tons of Iron, by working the 30 Cwt. Steam Hammer, as contrasted with the working of the 15 Cwt. Hammer.

2. The Superintendent anticipates also a considerable saving in the expenditure of Coal; the amount of such saving, however, cannot be estimated, without some experience in working the Hammer.

3. The Iron manufactured under the 30 Cwt. Hammer, it is also calculated, will be of better quality.

4. As already intimated to Government in my letter, No. 56, dated 24th June 1864, no funds can be made available from the Ordnance

Vile Proceedings of Government, No 2374, dated 11th July 1864. Budget Estimate for the building required for the reception of the 30 Cwt. Hammer.

Probable Estimate for working the 30 Cwt. Steam Hammer, calculated to turn out 2 Tons of Iron uses per day.

<i>Materials.</i>					
RS.	AS.	P.	RS.	AS.	P.
3,891 ⁷ / ₁₀₀	38	14	71 ¹ / ₂		
Scrap Iron					
4,102 ¹⁰ / ₁₀₀	49	0	5		
" Coal, Sea-borne, Europe					
399 ⁸ / ₁₀₀	1	12	11 ¹ / ₂		
" Wood, Fire					
17 ⁶ / ₁₀₀	0	1	3 ¹ / ₂		
" Shavings					
¹ / ₂ Oz. Thread, sewing, cotton, country ..	0	0	4		
¹ / ₂ Yard Cloth, white, coarse.....	0	1	3 ¹ / ₂		
¹ / ₂ Gallon Grease	1	1	1 ¹ / ₂		
3 Gills Oil, Coconut	0	3	0		
				91	2 11 ¹ / ₂
<i>Workmen.</i>					
13	1	91 ¹ / ₂			
European Artificer					
1	0	0			
Smiths					
0	11	21 ¹ / ₂			
Hammermen					
0	3	81 ¹ / ₂			
Cooly				15	0 81 ¹ / ₂
Total cost to turn out 2,620 lbs. Iron uses ..				106	3 8
or the cost for 2 Tons				181	10 4

GUN CARRIAGE MANUFACTORY, MADRAS, }
3rd October 1864.

(Signed) T. HAY CAMPBELL, Lieut. Colonel,
Offg. Supt Gun Carriage Manufactory.

I. T. Stubbs

ORDER, 3865, 1st November 1864.

It being desirable, for the reasons assigned in the foregoing papers, that the 0 Cwt. Steam Hammer should be brought into use at the Gun Carriage Manufactory as early as practicable, the Governor in Council resolves to sanction the neces-

* Rupees 4,500.

sary funds* being provided in the Ordnance Regular Estimate for the current year, as proposed by the Controller of Military Accounts.

2. It is observed that there will be a considerable saving effected eventually.

(True Extract.)

Manmohan Singh
Under Secretary to Government.

to the Inspector General of Ordnance.
 „ Controller of Military Accounts, with 2 enclosures.
 „ Military Accountant.
 „ Examiner of Ordnance Accounts.
 „ Public Works Department, *With 20 spaces*
 „ Quarter Master General.
 „ Barrack Master, for information.

With 20 spare Copies

