

(1) Number of pages 8(2) Date of repair 16/11/52

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Mulder Works* **DEPARTMENT.**

G.O. No.	Press Mis.
Dated	18 .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th April 1865.*

No. 95. Read the following Proceedings of the Madras Government in the Military Department :—

Communicating certain correspondence from the Home Government regarding the Corn Mills required for this Presidency. (Here enter 14th September 1864, No. 3,239.)

No. 96. ORDER THEREON, 6th April 1865, No. 936.

MILITARY WORKS, No. 8.

Communicated to the Superintending Engineers, 4th and 5th Divisions, with reference to the Orders marginally noted.

No. 524, 24th February 1865.

(True Extract.)

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

To the Superintending Engineers, 4th and 5th Divisions.

Ed. S. T. Augustin.

3c

MILITARY DEPARTMENT.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

Military Despatch from the Right Honorable the Secretary of State for India, India Office, London,
8th August 1864, No. 75.

1. On the receipt of your Military letter, No. 159, dated 25th June 1863, the construction of the Mills for grinding Wheat, required at your Presidency, was stopped, pending a Report as to the modifications in the Machinery which might be required to adapt it for the preparation of Soojee.

2. The necessary experiments and inquiries having been made, a revised tender for Mills of a different construction was submitted by Messrs. Emmerson and Murgatroyd. While this was under consideration, the Report of the Commissariat Commission, which sat at Calcutta, was received.

3. In this Report the Commission recommended Bovill's Patent Blast Mills as the simplest and best suited for grinding the Wheats of India. They also strongly recommended the adoption of Flour in lieu of Soojee for making Bread, and they referred to Soojee as an expensive article entailing much loss of good Wheat and requiring considerable labour and cost to prepare.

4. Concurring in the opinion expressed by the Commission as to the advantage of substituting Flour for Soojee, I have directed that only one of the Mills, for which you have indented, should be adapted for the preparation of the latter material, and that the other two should be Flour Mills.

5. A revised Specification for the Mills is herewith sent. It is intended to adapt the Bullock driving Gear for the two Flour Mills for the employment of four more Buloeks in each case, than in the driving Gear for the Soojee Mill, greater power being required for the former than the latter.

6. The Mills will be tested before they are shipped to Madras.

7. As stated in my letter of 16th May 1863, No. 70, paragraph 9, I am desirous of having your opinion as to the necessity of engaging a Millwright to erect the Mills.

From MESSRS. EMMERSON AND MURGATROYD, Heaton, Foundry, Stockport, 24th June 1864.

Corn Mills.—Madras. Revised Specification.

The one Mill for the preparation of Soojee to consist of two pairs of French Burr Millstones, three feet in diameter with line shaft; two pairs of Bevil Wheels; wrought-iron Mill Spindles; strong cast-iron framing with Hurst boxes, pillars bridge-trees, stone-cases, polished brass feed Hoppers; three horned rhind centre brushes; silent feeds, regulating and wheel-raising apparatus.

Wheat-screen (or smut Machine) with casing and fan.

Dressing Machine with case.

Elevators to take the produces of the Stoves up to the Dressing Machine.

Wheat elevators to take the cleaned Wheat when moistened, up to the wheat bin over the Millstones.

Hoist with chain.

Sifting Machine with blast-fan guides and case.

All the light shafting pulleys and hangers requisite to drive the Machinery.

Also two spare Millstones prepared so that they would re-place either pair in this Mill.

The whole of the best material and workmanship packed and delivered free on Board in Liverpool for the sum of six hundred and ninety-five Pounds (£ 695) for the one Mill.

REVISED SPECIFICATION OF THE TWO CORN MILLS TO PRODUCE FLOUR.

Each of the two Mills to consist of two pairs of French Burr Millstones, three feet ten inches diameter, with line shaft; two pairs of Bevil Wheels; wrought-iron Mill Spindles; strong cast-iron framing with Hurst boxes, pillars, bridge-trees, stone-cases, polished brass feed Hoppers; balanced rhind centre brushes; silent feeds, regulating and wheel-raising apparatus.

Wheat screen (or smut Machine) with casing and fan.

Dressing Machine with case.

Elevators to take the produce of the Stoves up to the dressing Machine.

Wheat elevators to take the cleaned Wheat up to the wheat bin over the Millstones.

Hoist with chain.

All the light shafting pulleys and hangers requisite to drive the Machinery.

Also two spare Millstones prepared so that they would re-place any pair in either of these two Mills.

The whole of the best material and workmanship, packed and delivered free on Board in Liverpool for the sum of six hundred and forty-seven Pounds (£647) for each of the two Mills.

For the connecting Gear of each Mill and the Iron work requisite for the Bullock Gear, as specified in ours of 23rd March 1864, for the sum of one hundred and twenty-seven Pounds (£127) for each of the Mills.

For the extra Wheels, Wire-work, &c., as specified in ours of the above date, for the sum of ninety-eight Pounds (£98.)

ORDER, No. 3239, 14th September 1864.

Communicated to the Commissary General and Controller of Military Accounts, with reference to the correspondence noted in the margin.

2. The Commissary General is requested to furnish Government with his opinion on the subject of the concluding paragraph of the foregoing Despatch.

(True Extract.)

Hamilton
Deputy Secretary to Government.

To the Commissary General
" Controller of Military Accounts.

Public Works Department.

List

Military Works

936

*Communicated
to the Supy Engineer*

*6 & 5 - Dns with re-
ference to the orders*

524-2478/65 marginally noted -

*Fort St George
6th April/65*

20554-25/65

3 Decr 7th April

72
(P.O. 1866. Do not
Pro: of Govt for Africa
No 1169

(Pro: of Govt in the)

Military Dept

Recd 1/4 Sept 65

Recd 45 April 65

No 2209

Communicating
certain correspondence
from the Home Govt
regarding the loan
Mills required for this
Presidency -

No 926-6 April 65

No 95-96

Clerk