(1) Number of pages 18.

(2) Date of repair 17-6-87.

(3) Initials of the Referencer bms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

P.W.D.

G.O. No. / B.P. No.	1731-W. 1732-W 1738-W	Press. / Mis.
Dated	9.6.1883	

b.m.b.

Not to be folded or roughly handled.

Archives —I 10,006-9 88

1231

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Stores, to the Deputy Chief Engineer, Public Works Department, dated Madras, 31st May 1883, No. 286 S.

With reference to your letter, No. 1139 D., dated 15th May 1883, communicating letter from Secretary to the Government of India inquiring if the mortar mills applied for in the Home Indent for 1883-84 cannot be obtained of Indian manufacture from Messrs. Richardson and Cruddas, Bombay, of as good quality and at no greater expense, I have the honor to state that I have just received from Messrs. Richardson and Cruddas, Bombay, per S S. *Chindwara*, two mortar grinding mills for the Cauvery and Vennár Regulator Division. Three mills were ordered on the 6th April 1883, one for the Superintending Engineer, First Division and two for the Cauvery and Vennár Regulator Division, and were all shipped on the 9th May 1883, one to Dowlaishweram and two to Madras; the former cost Rs. 941-2-0, including freight, and the latter Rs. 892-4-0 each. Both the mills were set up in the Workshop and carefully examined by me.

2. The design and quality of the mills are satisfactory, with the exception of the bevil wheels, which show numerous air holes.

From the same Officer, dated Madras, 5th June 1883, No. 302 S.

In reply to your demi-official, No. 1269 D., dated 2nd June 1883, I have the honor to state, with reference to paragraph 1, that I have entered Rs. 750 in the Home Indent as the cost of a mortar mill, including freight to India. This price is only approximate, as there is great competition in England.

2. The quality of articles procured through the India Store Department is far superior to that of similar articles of Indian manufacture, or obtained through local agency.

3. As I have already reported, I consider that the quality and design of the Bombay mortar mills is satisfactory; but in the absence of competition it is not likely that improvements in design, combined with reduction in price, can be looked for, as in the case of machinery made in England. In short, although there is no doubt that the Bombay mills will be found useful machines (unless the bevil wheels should fail), I think it would be extremely unadvisable to exclude mortar mills entirely from the indents on the Secretary of State.

4. With regard to the defect in the bevil wheels, I would observe that air holes, even if no larger than a pin's head, show the existence of cavities in the interior of castings which may or may not be serious according to their size and position. Air

holes being usually caused by want of care in preparing the moulds, there is no doubt but that Messrs. Richardson and Cruddas will see that the defect complained of does not occur again.

5. Should another indent be sent to them for mortar mills or other cast-iron works, their attention will be drawn to the defect noticed.

Order—dated 20th June 1883, No. 1731 W., Public Works.

Under the circumstances stated by the General Superintendent, Public Works Stores, the demand in the Home Indent for 1883-84 for mortar mills for the Kistna Delta will be allowed to stand. The Government of India will be informed accordingly.

(Here enter No. 1732 W., dated 20th June 1883.)

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the General Superintendent, Public Works Stores.

Exd. A. F. Goodall.
Spare Copies

1731

GENERAL.
ACCOUNT.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated June, 20th.

Recd. *Encl.*

G.O., 20th June 1883, No. 1731 W.

JUNE.

Mortar Mills

Ordered that the demand for — in the Home Indent for 1883-84 *be allowed to stand,* and the Government of India informed accordingly.

PUBLIC WORKS STORE DEPARTMENT,

Madras, 31st May 1883.

No. 286 S.

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS STORES, &c.,

To

THE Deputy Chief Engineer
N.W.R.
Chepauk.

SIR,

Enclosures.

With reference to your letter No. 1139 W dated 15th May 1883, communicating letter from Secretary to the Government of India enquiring if the Mortar Mills applied for in the Home Indent for 1883-84 cannot be obtained of Indian Manufacture from Messrs. Richardson and Cruddas, Bombay of as good quality and at no greater expense, I have the honor to state that I have just received from Messrs. Richardson and Cruddas, Bombay, per S. S. "Chindwara" two Mortar Grinding Mills for the Cauvery and Vennaur Regulator Division. Three Mills were ordered on the 6th April 1883, one for the Superintending Engineer 1st Division, and two for the Cauvery and Vennaur Regulator Division and were all shipped on the 9th May 1883, one to Nowlaishweram, and two to Madras, the former cost Rupees 941-2-11 including freight

freight and the latter Rupees 892 — 4 — 4
each. Both the Mills were set up in the
Workshop and carefully examined by me.

The design and quality of the
Mills are satisfactory, with the exception
of the Bevil wheels, which show numerous
air holes.

I have the honor to be,
Sir,
Your most Obedient Servt
W. Burdekin Supt. P.W.
General Supt. P. W. Stores

In Madras

No 12698. 2d June 83

To Genl Supte P.W. Stores

Please state the cost including all charges of Mortar Mills procured from England —

2 Please also give a definite opinion whether the Mills obtained from Bombay might, without disadvantage, be substituted for the English article —

3 The defect pointed out by You would no doubt be remedied if brought to the notice of Messrs Richardson and Cruddas —

Dy W. 1/6.

P.W.C. No. 51 / 4236

Public Works Store Department.

From

THE GENERAL SUPERINTENDENT,
P. W. STORES, &c.,
MADRAS,

To

The Deputy Chief Engr
D. P. W.
Chepauk

No. 286 S.

Dated 31 ult
Despd. 31 ult May 1883.
Recd. 1/6/83

No. of Enclosures.

Reports that two Mortar Grinding Mills for the Cauvery & Vaunar Regulator Division, and one to the Supt Engineer 1st Circle. The former were received in Madras, and the latter was despatched direct from stores Richardson & Cruddas, Bombay

PUBLIC WORKS STORE DEPARTMENT,

Madras, 5th ult 10 1883.

No. 328.

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS STORES, &c.,

To

THE Deputy Chief Engineer 5/1731
P. W. D.,
Chepauk

SIR,

In reply to your D. O. No. 1269 dated 2d June 1883, I have the honor to state with reference to para 1. that I have entered Rupees 750 in the Home Indent on the cost of a Mortar Mill including freight to India. This price is only approximate, as there is great competition in England.

2. The quality of articles procured through the India Store Department is far superior to that of similar articles of Indian manufacture or obtained through local Agency.

3. As I have already reported I consider that the quality and design of the Bombay Mortar Mills is satisfactory; but in the absence of competition it is not likely that improvements in design combined with reduction in price are looked for, as in the case of Machinery made in England. In short although there is no doubt that the Bombay Mills

Mills will be found useful machines (unless the Bevil wheels should fail) I think it would be extremely unadvisable to exclude Mortar Mills entirely from the Indents on the Secretary of State.

4. With regard to the defect in the Bevil wheels, I would observe that air holes even if no larger than a pins head, show the existence of cavities in the interior of Castings which may or may not be serious according to their size and position. Air holes being usually caused by want of care in preparing the mould &c, there is no doubt but that Messrs Richardson and Sheddan will see that the defect complained of does not occur again.

5. Should another Indent be sent to them for Mortar Mills or other cast iron work, their attention will be drawn to the defect noticed.

I have the honor to be,
Sir,
Your most Obedient Servant

Lieut. R.E.

General Supt. P. W. Stores

Despch no 12 = 12 ∠ 83

370 8 5 5 83
11392 15 5 83
985 C 19 5 83
1269 2 2 6 83

D. P. C. No 4935

Public Works Store Department.

From

THE GENERAL SUPERINTENDENT,
P. W. STORES, &c.,
MADRAS.

To

The Dy Chief Secy to
Govt P. W. Dept
Darjeeling

No. 3078.

Dated 5th
Despd. 5th June 1883.
Reed. 6

No. OF ENCLOSURES. One

Furnishes the information called for in D. O. No 1269 D. 2nd June 1883.

02 18 6
Ord 9/6 Rupees 18/6/6 R 15/6

No 1731 W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20th June 83

READ the following

From the Gnl Supt. P. W. Stores } No. No 2862 A/31st May/83

Do Do Do No 3078 A/5th June/83

Under the circumstances stated by the Gnl Superintendent P. W. Stores, to the Gnl to the Govt of India Home Indent for 1883-84 for mortar mills for the Mistura Dilla will be allowed to stand. The Govt of India will be informed accordingly.

To the Gnl Supt. P. W. Stores, No 1732 W/20th June/83
Madras. the Secy to the Govt of India P. W. D.

Sir, With reference to your letter No 161 A G. dated

dated 7th May 1883

I am directed to forward a copy of the Proceedings of this Government No 1781 Rev dated 20th 1883, and to state that as Mortar Mills of Indian manufacture are more expensive than, and inferior in quality to, those procured from England this Government consider that the demand in the Home Indent for 1883-84 should be allowed to stand.

No 1733 Dated 20th June 83

To

The Deputy Secretary of State for India in Council

London.

Sir,

In continuation of my letter No 985 C dated 19th May 1883.

Sanction directed to state that if there have been found on enquiry that Mortar Mills of Indian manufacture cannot be advantageously substituted for those procured from England and to request that the demand for these articles in the Home Indent of this Government for 1883-84 may be complied with.

8/73

C1

CM
9/6

Revd
23/9

4735

Govt. of India 1883 Madras

PUBLIC WORKS.

Dated

Rec.

Rep.

G. O. 20th June 1883, No. 1731

1732 W

1733 W

Nos.

Mortar Mills

Ordered that the demand for the Home Indent for 1883/84, be allowed to stand, & the Govt of India informed accordingly.

Forty copy of Proceedings stating that the demand for Mortar Mills in the Home Indent of 1883/84 be allowed to stand.

W. H.

Entered Received Issued