

(1) Number of pages 80

(2) Date of repair 15.3.44

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>964.</u>	Press Mis.
<u>94-95.</u> Dated <u>7-4-</u> <u>1870.</u>	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th April 1870.*

No. 94. Read the following Proceedings of the Government of India in the Public Works Department, (Buildings and Roads—Military,) dated Fort William, 16th March 1870, No. 334-B. M. :—

COPY of the following communication, with its enclosures in original, forwarded to the Government of Madras in the Public Works Department, with a request that plans and estimates of the required buildings may be submitted for the information of the Government of India on an early date.

2. The return of the original papers is requested.

(By order,)

(Signed) W. A. CROMMELIN, Colonel, R. E.,
Dy. Secy. to the Govt. of India.

From the Deputy Secretary to the Government of India, Military Department, to the Secretary to the Government of Fort St. George, Military Department, dated Fort William, 5th March 1870, No. 303.

WITH reference to your letter, No. 4,314, of the 17th December 1869, regarding the erection of additional buildings for the more extensive manufacture of Gun Powder at Madras, I am desired to request that the Right Honourable the Governor in Council may be moved to furnish the Government of India with a detailed statement of the number and nature of the machines received from England, showing what have been set up, and what have not, also a plan of the buildings as they are at present, indicating what it is proposed to add, together with a report on the suitability of the present site of the factory.

2. In this Presidency it has been found that the two groups of Incorporating Mills are insufficient to supply meal for the finishing processes, I am therefore to suggest that it be ascertained whether the Incorporating Mills now in use, would supply sufficient meal to keep all the rest of the machinery, including that which it is proposed to set up, in full and regular work.

No. 304.

COPY of the foregoing, and the correspondence the return of which is requested, forwarded to the Public Works Department, with a request that estimates of the buildings, etc., which the Government of Madras wish to have constructed may be called for.

By order, etc.,

(Signed) H. K. BURNE, Colonel,
Dy. Secy. to the Govt. of India.

No. 95. ORDER THEREON, 6th April 1870, No. 964.

MILITARY WORKS, No. 2.

* No. 303, dated 5th March 1870.

As it appears that the letter* from the Deputy Secretary to the Government of India addressed to this Government in the Military Department has

*Wm. V. George
Military Department*

G. O., No. 3,842, dated 6th December 1869.
 „ „ 137, „ 12th January 1870.

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

Exd. E. C. Shunker.

No. 33 1/2 B M.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads
Military

Fort William, 16th March 1870.

Copy of the following communi-
-cation with its enclosures in original for-
-warded to the Government of Madras, in
-the Public Works Department, with a
request that plans and estimates of the re-
-quired buildings may be submitted for the
information of the Government of India on an
early date. The return of the original papers is requested.
By order.

Mammelia Colonel R.
Deputy Secretary to the Govt of India

10303.

To The Secretary to the Government of
Fort St. George
Military Department.

Sir,

Public Department

With reference to your letter of 11th 12/14
 of the 17th December 1869 regarding the erection
 of additional buildings for the more extensive
 manufacture of gun powder at Amrabad
 I am desired to request that the Hon^{ble} Member
 the Engineer in Council may be desired to fur-
 nish the Government of India with a detailed
 statement of the number and nature of the
 machines received from England, showing what
 have been set up, and what have not, also a plan
 of the buildings as they are at present, indicating
 what it is proposed to add together with a report
 on the suitability of the present site of the factory.

In this Presidency it has been found
 that the two groups of evaporating mills
 are insufficient to supply steam for the finish-
 ing processes. I am therefore to suggest that it
 be ascertained whether the evaporating mills
 now in use, would supply sufficient steam to
 keep all the rest of the machinery, including
 that which it is proposed to set up, in full
 and regular work.

I am, Sir, very respectfully,
 Your obedient servant,
 11th March 1870
 J. H. Burns Esq. Secy to the Govt of India

10304

5

Copy of the foregoing, and the corres-
 pondence the return of which is requested,
 from Madras 4314 2/17th Decr 1869
 from Com^{rs} M & - 978 2/4/2/70
 & Decr 1869 12/29/1-1604 - } forwarded to the Public Works
 Department, with a request that
 estimates of the buildings &c which the Govern-
 ment of Madras wish to have constructed, may
 be called for.

By Order of
 (Signed) H. K. Burns Colonel
 Deputy Secy to the Govt of India

J. H. Burns

Proceedings of the Madras Government, Military Department,
24th November 1869.

Read the following letter :—

No. 384. From the Acting Inspector General of Ordnance and Magazines, to the Officiating Secretary to Government, Military Department; dated Fort Saint George, 18th November 1869, No. ^G256.

I have the honor to annex per margin, a copy of a letter to my address from the Superintendent

Letter No. 432, dated 8th November 1869
Adverting to the long pending question of the removal of the site of this Manufactory, whatever may be the eventual determination arrived at, it seems now quite clear that the existing state of the finances of the country practically postpones it, to an indefinite period; and, so far removes all hesitation as to the propriety of at once utilizing the valuable machinery (so long lying idle in our Store Rooms, and so necessary to the efficiency of the Manufactory) on the present site.

If this be not done, as I have on several previous occasions represented, the Factory may any day come to a stand still, from the failure of any part of its present single set of machinery, and as the Bombay Factory is not likely, as I am well advised, to open work for at least two years to come, such a contingency would be very serious.

I therefore have the honor to request that the necessary steps may be sanctioned for the immediate preparation of estimates, for the erection of the Machinery most

- One Groupe { Including press, breaking down rolls, granulating, and foul dusting machines with engine buildings.
One Groupe { Including glazing and finishing dusting with engine buildings.

urgently required, mentioned in the margin; with a view to the money required for the work being included in the next Budget for 1870-71 and the commencement of the work at the earliest date practicable.

The buildings I propose being constructed largely of well seasoned plank, as at Waltham Abbey, which will, I apprehend, allow of lighter and less costly foundations, and be capable of removal, and reconstruction on another site, if so determined upon hereafter.

I also request that the necessary sanction may be obtained for enclosing a sufficient additional part of the barren plain, lying to the west of the Manufactory for the additional works now proposed to be erected, the present contracted area being already too crowded for the safe conduct of the works of the Factory.

	Bengal		Bombay.	
	Quantity.	Value.	Quantity.	Value.
		Rs.		Rs.
* 1864-65.....	20,000	4,271		Nil.
1865-66.....	1,25,700	35,306		Nil.
1866-67.....	1,11,385	31,273		Nil.
1867-68.....	1,40,300	50,794	25,000	14,063
1868-69.....	2,36,840	79,674	54,950	22,473

of Bengal and Bombay during the last five years. At the same time, I would beg leave to point out, that the present demands, now being complied with, are for Bengal 70,300 lbs, and Bombay the still larger quantity of 1,30,000 lbs. I would therefore respectfully leave it for Government to decide, whether under the circumstances of the other Presidencies being still so dependent on Madras for powder, it is advisable that the valuable duplicate machinery in store here should not be utilized; and particularly also, with the view to relieve the present machinery which has been in such steady and constant use for six years.

3. Any accident to this machinery would have very serious consequences in stopping our own supply of powder, and in such a contingency we should not have the other Presidencies to fall back on, and render us assistance, as they are unable apparently fully to meet their own wants.

4. I beg to forward the plans, elevations, &c., as per margin, of the buildings designed by Messrs.

- A. Plan of corning press and pump houses with shafting
B. Plan of the driving shafts for the press and corning house.
C. Plan and elevation of 8 horse-power engine house boiler.
D. Plan and sectioned elevations of pump house.
E. Plan, elevation and section of corning house.
F. Plan, elevation and sections of press house.

Hall and Co. for the reception of the corning and press machinery in store—

Sept 9th

Sept 9th 1869

Enclosed are the plans, elevations, &c., of the buildings designed by Messrs. Hall and Co. for the reception of the corning and press machinery in store—

11/16/69

Proceedings of the Madras Government, Military Department,
24th November 1869.

and according to which, the estimates will have to be framed, should Government determine on sanctioning this work.

5. It may be thought advisable to call on the proper Department for estimates of the probable cost of erecting such buildings as may be necessary, and when in possession of that information, Government will be in a better position for deciding as to whether the work shall be progressed with, at once, or otherwise.

No. 385. ORDER THEREON, 24th November 1869, No. 4034.

Communicated to the Public Works Department, in view to estimates for the proposed works being called for.

(True Extract.)

(Signed) J. MICHAEL, Major,
Offg. Deputy Secretary to Government.

To the Public Works Department, with six plans.
,, Inspector General of Ordnance and Magazines.

Exd. F. P. Joachim.

Proceedings of the Madras Government, Military Department.
20th November 1869.

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Received from Bengal strongly corroborates the opinion I ventured to give in my letter No. 256-G, as to the dependency of the other Presidencies for powder on the Madras Powder Factory, and that this pressure on the Madras Mills is likely to continue for some years.

From the Officiating Superintendent, Gun Powder Factory, to the Acting Inspector General of Ordnance and Magazines, Fort Saint George; dated Madras, 23rd November 1869, No. 416.

I have the honor to state that this Manufactory, during the year past, has been in as full work as it could be; there has been nothing to hinder its operations, the out-turn has been 496,000* pounds, and I have no reason to

* From October 1868, to November 1869.

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No. 384

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To the P
" In

Court of 11-393 Madras.

MILITARY.

To

THE PUBLIC WORKS DEPARTMENT.

cc. cc. cc.

Dated November, 24th.

Recd. "

G. O., 24th November 1869, No. 434

NOVEMBER.

Nos. 384-385.

P. P. 11/29/70.

Communicating to the Public Works Department for the Acting Inspector General of Ordnance, in view to estimates for the erection of buildings required for the reception of certain valuable machinery, being called for.

Exd. F. P. Joachim.

Read the following papers:—

No. 458. From the Acting Inspector General of Ordnance and Magazines, to the Officiating Secretary to Government, Military Department; dated Fort Saint George, 24th November 1869, No. 262-G.

With reference to your docket No. 4013 of 22nd November 1869 (herewith returned), calling for an early reply to the queries put in letter, No. 314, dated 12th November 1869, from the Secretary to the Government of India, Military Department, I have the honor to forward a copy of a letter on the matter in question from the Superintendent, Gun Powder Manufactory, to whom it was referred.

2. The demand contained in the 1st paragraph of Major-General Norman's letter for 1,000 barrels of 100 lbs. each of large grained Rifle powder for Bengal can be met.

3. I am of opinion that a considerable quantity in excess of the demand for the 1,000 barrels before mentioned, towards meeting the 1,500 barrels referred to in paragraph 4 of General Turner's letter No. 370-C of 25th September 1869, could also be met if Government will sanction the immediate erection of the duplicate machinery in store at the Gun Powder Manufactory as asked for by the Superintendent, and communicated in my letter to your address, No. 256-G, dated 18th November 1869.

4. If, however, the immediate erection of duplicate machinery as asked for cannot be sanctioned, this extra demand could not be met, as not only will the 1,000 barrels for Bengal have to be provided but also the wants of this Presidency, and a demand of upwards of a thousand barrels from Bombay; about 40,000 lbs. of powder are also required for the Godavery works.

5. The large out-turn of powder noted by the Superintendent, Gun Powder Manufactory, during the last twelve months, is partly attributable to the Manufactory having worked extra hours during some months of the year, and it will be necessary that similar permission be granted for working extra hours during December next, and during such months of next year as may be deemed advisable. Funds for the provision of the extra materials required and cost of extra labor will have to be provided by a supplemental grant to this Department, or by provision from Bengal, as Government deem fit.

6. I respectfully beg again to submit to Government the great desirability of bringing into use the valuable duplicate machinery now lying idle at the Gun Powder Manufactory, as without this a great strain is thrown on machinery which has now been working steadily for some years, and a break down in this would lead to the complete cessation of work in the Factory, and the urgent demand just received from Bengal strongly corroborates the opinion I ventured to offer in my letter No. 256-G, as to the dependency of the other Presidencies for powder on the Madras Powder Factory, and that this pressure on the Madras Mills is likely to continue for some years.

From the Officiating Superintendent, Gun Powder Factory, to the Acting Inspector General of Ordnance and Magazines, Fort Saint George; dated Madras, 23rd November 1869, No. 416.

I have the honor to state that this Manufactory, during the year past, has been in as full work as it could be; there has been nothing to hinder its operations, the out-turn has been 496,000* pounds, and I have no reason to

* From October 1868, to November 1869.

Proceedings of the Madras Government, Military Department.
30th November 1869.

suppose that a larger out-turn is reasonably to be expected during the ensuing year. Arrangements might be made to work the Mills as at Waltham Abbey during the twenty-four hours, but the crippled condition of some of the finishing processes, owing to the uncertainty in which the question of the removal of the site of the Factory has now remained ever since the Mutiny in 1858, would render the completion of the manufacture impossible; I therefore am totally unable to promise more than the last year, and that entirely dependent on the safe working of the Manufactory, there being no duplicates set up to fall back upon in case of any accident occurring to those in work.

No. 459. Telegram from the Officiating Secretary to Government, Military Department, Fort Saint George, to the Secretary to the Government of India, Military Department, Calcutta; dated 30th November 1869, No. 4081.

Your letter three hundred and fourteen of twelfth November.

More than the one hundred thousand pounds demanded in paragraph 1 cannot be provided during 1870-71, funds for erection of duplicate machinery not being available.

True Copy /
Michael. Major.
Offg. Deputy Secretary to Govt.

11/11/69

Exd. T. O'Connor.

MILITARY DEPARTMENT.

No. 4314.

To

The Secretary to the Government of India, Military Department.

SIR,

Adverting to the correspondence marginally cited, I am directed to forward, for submission to the Government of India, the annexed copies of letters* from the Inspector-General of Ordnance and Magazines, and of a report† by the Controller of Military Accounts, on the subject of the erection of additional buildings for the more extensive manufacture of Gun Powder at Madras.

Letter from Government of India, No-314, 12th Nov. 1869.
Telegram to do. 30th idem.

* No. 256, dated 18th November 1869.
" 262, " 24th " "
" 268, " 30th " "
" 271, " 4th December "

† D. dated 10th December 1869.

buildings for the more extensive manufacture of Gun Powder at Madras.

2. The demands from Bengal and Bombay are so large, and the difference of expense between Madras made and Europe powder so great, that it appears certain that a large eventual saving may be effected by an immediate outlay on the buildings required for the duplicate machinery now lying idle in the powder mills.

3. I am to state that there are no funds whatever at the disposal of this Government for this purpose, but if any can be specially provided by the Government of India the machinery can be utilized.

4. The plans of the required buildings have been received but no detailed estimates have been prepared—the Executive Engineer however roughly estimates the cost at 60,000 Rupees for masonry, carpentry and painting—the iron work and fittings being provided by the Ordnance Department.

I have the honor to be,

Sir,

Your most obedient servant,

FORT SAINT GEORGE,
17th December 1869.

Michael. Major,
Offg. Deputy Secretary to Government.

No. 342. From the Acting Inspector General of Ordnance and Magazines, to the Officiating Secretary to Government, Military Department; dated Fort Saint George, 30th November 1869, No. ^G268.

In continuation of my letters No. ^G256, dated 18th, and No. ^G262, dated 24th November 1869, I have the honor to forward, for the information of Government, a copy* of a letter received yesterday from the Inspector General of Ordnance

*Letter No. 5508, dated 25th November 1869.

Bombay, enquiring if 1,000 barrels, (lbs. 1,00,000) of R. L. G. Powder could be supplied to Bombay in addition to the 1,05,000 lbs. of the same description of powder, which, in my letter above referred to, I reported was under supply to Bombay.

2. These great demands from the Presidencies of Bengal and Bombay render the erection of some of the duplicate machinery in store here, which I had the

honor strongly to recommend to Government in my letters above quoted, a matter of great importance and urgency. Since forwarding those letters, I have received the remainder of the plans as per margin, which have been received from England for buildings for the machinery referred to.

3. On further consideration of this matter, and on seeing the plans now submitted, I am of opinion that if Government would sanction the erection of the buildings for the dusting and glazing machines, and engine and boiler-house for the engine to work the same, as shown in the plans marked from G to K, the capabilities of the manufactory would be greatly increased, and its most pressing requirements, to enable the continued strain and pressure of extra work being kept up, would be best met; and I would specially solicit therefore that sanction for the erection of the buildings noted in the plans *now forwarded* may be first granted, leaving the erection of the other buildings to a future period.

A.

From the Inspector General of Ordnance and Magazines, Bombay, to the Inspector General of Ordnance and Magazines, Madras; dated Poona, 25th November 1869, No. 5508.

With reference to your letter No. 4101 dated 6th instant, and previous correspondence, I have the honor to request that you will have the goodness to inform me whether 1,00,000 lbs. of powder Armstrong L. G. can be supplied in addition to the quantity now due.

No. 343. From the Acting Inspector General of Ordnance and Magazines, to the Officiating Secretary, to Government, Military Department; dated Fort Saint George, 4th December 1869, No. ^G271.

The subject of the erection or non-erection of the necessary buildings for the reception of the duplicate machinery at the Powder Mills, is one of such great importance, that I trust Government will not consider me troublesome in again so soon addressing them regarding it.

2. After despatching my report No. 268, dated 30th November 1869, and on re-perusing the papers containing the demands for gun-powder from Bengal and Bombay, I was led to the conclusion that the enquiries from those Presidencies had been made, with the view of ascertaining *how far their demands on England* could be limited.

3. Considering therefore that a refusal to supply from hence, must necessarily compel the other Governments to obtain their supplies from England, I deemed it advisable to ascertain the financial effect of such a transaction, and now give the results, for the information of Government, in support of my recommendation for early sanction to the prosecution of the work at the Gun Powder Manufactory.

4. The total extra demands for gun-powders from the Madras Mills, exclusive of the wants of this Presidency, amount to 5,80,000 lbs. sub-divided as per margin, and I find from the invoiced prices for the latest supplies of gun-powder received from England, that this large quantity would cost Government at English

Calcutta	lbs.
Bombay	2,50,000
Godavery Works	2,30,000
Travancore Government and Department Public Works	50,000
Total	5,80,000

rates, if landed at *Madras*, four and half lacs of Rupees, whereas, a similar quantity could be made at the Madras Mills for something less than two lacs of Rupees, and freight charges to Bombay and Bengal for the quantities required there, would only amount to about 60,000 Rupees, so that by the powder being manufactured in India, a saving of 1,90,000 Rupees would be effected, provided the price of English gun-powder has not fallen much from what it was in 1862-63, and even supposing the present establishment at the Powder Mills are able to meet one-half of the demand with a small extra assistance for extra work, the other one-half being obtained from England, would cause a loss of Rupees 95,000, or probably much more than would pay for the erection of the buildings.

5. The cost of the Madras powder is *materially reduced* when the establishment is allowed to work extra hours; but this could only be done if security was afforded by having the duplicate machinery put up, which I have recommended.

No. 344. From the Controller of Military Accounts, to the Officiating Secretary to Government, Military Department; dated Fort Saint George, 10th December 1869, D.

I have the honor to forward letter from the Inspector General of Ordnance and Magazines, No. ^G271, of 4th December current, bringing to notice the great importance of the erection of certain buildings for the reception of machinery for the manufacture of gun powder.

2. The Inspector General anticipates a very large saving to the Indian Revenues by supplying Calcutta and Bombay wholly with gun powder from Madras, making those Presidencies independent of supplies from England.

3. The former report* of the Inspector General, to which the letter now forwarded seems supplementary, was not transmitted through this Department, which has, therefore, no means of judging

*No. 268, dated 30th November 1869.

how far the contemplated saving could be acted upon by the erection of new buildings or the entertainment of additional establishments.

4. I do not infer from the Inspector General's letter that any decision of the Bengal or Bombay Government has been notified to draw the whole of their supply in future from Madras, should the Gun Powder Manufactory here be put upon a footing to manufacture the quantity required by all three Presidencies.

(True Copies.)

Signed/ J. Michael Major,

Offg. Deputy Secretary to Government.

Exd. J. E. Cashart.

t Branch,

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3. The cost of the required
buildings in masonry, carpentry
and painting is roughly estimated
at

Govt. of 1869 Madras.

MILITARY.

To

THE SECRETARY TO THE GOVT. OF INDIA,
MILY. DEPT.

Dated December, 17th.

Recd.

Recd.

17th December 1869, No. 4314.

S.

DECEMBER.
Nos. 312-345.

1109/70

Forwarding correspondence on the subject of
the erection of additional buildings for the more
extensive manufacture of gun powder at Madras.

293

4314. *July: 1869* *Sup:*

303 Madras
304 P W Deptt

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22 July 70
5 March

Let. of Let. Lt. Gerg

8/7/70
12/3/70 } Decr.

S. W. 11/8/70
From 6 April 70.
L. L. 94.

Forwards for sub-
mission a transcript
of correspondence on the
subject of the erection
of additional buildings
for the more extensive
manufacture of Gun
Powder at Madras.

2561
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SUBJECT.
Supers that before receiving
said plan the Mad. Govt. has
to furnish a detailed statement
of the number and nature of
machines received from England
showing what have been sold
and what have not, also a plan
of the buildings as they are at present
indicating what is proposed to
add, together with a full report on
the expediency of the present state
of the factory.

Military Department, Account Branch,

Dated 4th February 1870.

No. 978

Memorandum.

Documents received with
Case 6, of Schedule C. 11, d
22nd Ultimo are herewith
returned.

2 The Madras Government
forwards correspondence from
Inspector General of Ordnance
and Magazines at that
agency, having reference to the
erection of additional buildings
in the Gun Powder Factory,
with a view to utilize cer-
tain duplicate machines
to be lying idle.

3 The cost of the require-
ments in masonry, carpentry
and painting is roughly estimated

at Rs 60,000, and the Madras Government, having no funds at their disposal for the purpose, state that, if any can be specially provided by the Government of India, the machinery can be utilized.

4. The Inspector General of Ordnance and Magazines at Madras brings to notice that recently demands for certain quantities of Gun Powder were received from Bengal and Bombay, and that in consequence of the want of additional machinery they could not be met, which resulted in the quantity required for this Presidency being ordered for from England. He states, further, ^{Letter No. 2162 dated 24th September 1865} ^{20th 265 & - " 30th September 1869} that a large saving would accrue if Madras supplied the six Presidencies wholly with powder, thereby making them independent of supplies from England.

5. With reference to the foregoing, the undersigned would beg to offer the following observations -

The Bombay Powder Mills are in course of erection, and are not likely to be at work for another year or two. Moreover, the out-turn of the Bengal and Madras Mills is not sufficient for the supply of all India; is but with the stock of powder in hand, and that expected from England, there will probably be an actual deficiency until the Mills at Bombay are completed, and a third set of Incorporating Mills be set up in Bengal, when the ordinary supply will be provided for; consequently the present heavy demand on the Madras Agency is only

at temporary one, and, pending a decision on the general question of the Ordnance Establishments in India, and the proposed reduction in the number of manufacturing establishments, it would be undesirable to incur any additional expense at Calcutta on account of the Powder works that is not absolutely necessary.

It is believed that the same amount and description of machinery for making powder were sent to the three Presidencies, but that at Madras, where the introduction of the new system was gradual and to some extent regarded as temporary, the whole of the machinery was not set up.

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27. In this Presidency ³³
it has been found that the
two groups of Incorporating
Mills were insufficient
to supply meal for the
finishing processes, but it
is for these latter that it ap-
pears to be desired that buildings
should be erected at Madras.

8. The undeviated
would accordingly suggest
that, before any sanction is
accorded, the Madras Comm
must be moved to furnish
a detailed statement of the
number and nature of the
machines received from
England, shewing what have
been set up and what have
not; also a plan of the
buildings as they are at pre
sent, indicating what it
is proposed to add, together
with a full report on
the

the suitability of the present
site of the factory.

9 Furthermore, it would
be desirable to obtain a re-
port from the Superintendent
of the Factory as to whether
the Incorporating Mills, now
in use, would supply suffi-
cient meal to keep all the
rest of the machinery, in-
cluding that which it is
proposed to set up, in
full and regular work.

Arthur Brown, Colonel,
Comd. Genl. of Mills & Co.
PMD

P.W. Department.
No 4

Overnight

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April 1890

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W. of 18 March 1890

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5 March

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Mar. 6. April 11.
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Elto. Reports relating
to the creation at
Madras of addl. build-
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tensive manufacture
of gun powder.

2567
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P.W. Department

964
Proceedings of the Madras Government

Under date the 6 April 1870

Read the following

By Secy. to the
From The Government of India / H. C. No. 334 B. M. of 18 March

No. 313 of 5th March 1870.

As it appears that the
letter from the Deputy Secre-
-tary to the Govt. of India
addressed to this Govt. in
the Military Dept. has been
referred by that Dept. to
the Inspector General of
Ordnance and Magazines
for report, the Progs. of the
Govt. of India above
recorded will be commu-
-nicated to the Supt. of
of the 4th L. who will,

to 3842 5/6th Dec/69
137 6/12th Jan'y/70



Ed. B.

Line 1189

Govt. of 1870: 311013.

PUBLIC WORKS.

To The Superintendent Engrs
4th Division.

Dated

Recd.

Encl. 3

G. O. 60, 1870, No 964

Nos. 94-95

Buildings 1st of the 1st of the
regarding the existing adri-
-tural buildings, the new ones in
-tention in manufacture of building
at Chandra - is the 1st of the
-new water installation.