

(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.	1516 B.	Press
B.P. No.		Mis.
Dated	31-5-195	195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
31st May 1875.*

Read the following papers :—

From the Military Department, dated 3rd April 1875, No. 1,594.

No. 615-A. Endorsement of the District Engineer, Presidency, dated 13th April 1875, No. 271.

From J. N. GRAINGER, Esq., General Superintendent of the Public Works Workshops and Stores, to Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, dated Chepauk, 12th April 1875, No. 144.

With reference to memorandum from the Quartermaster-General and the order

of the Chief Engineer, No. 379, dated 9th April 1875, communicated with your

endorsement, dated 10th instant, No. 212, I have the honor to state that an indent

from the Executive Engineer, Mount Range, for a large supply of wrought iron

piping, brass corks, three fountains, and two force pumps for the new barracks at

the Mount was received in this office on the 15th March 1875.

2. As the articles to meet this indent were not in hand, inquiries were made in the

local market, Superintendent of Gas Works, and the President of the Madras Municipality, and on the 26th and 31st March, respectively, I asked the Range Officer to

furnish certain information regarding the pipes and pumps. I enclose copies of my letters, but up to date no reply has been received.

SUBMITTED to the Chief Engineer and Secretary to Government, Public Works Department, with reference to his memorandum, No. 379, dated 9th April 1875.

(Signed) J. GODDARD, Lieut.-Colonel, R.E.,
District Engineer, Presidency.

No. 616. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput District, to Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Guindy, 19th May 1875, No. 605.

In reply to your No. 436, dated 21st ultimo, I have the honor to forward copies of two letters from the Executive Engineer, Mount Range.

Copies of letters.
1 Indent.

No. 287, dated 7th May 1875.
" 306, " 10th " "

2. You will see from this that the original indent was sent on the 18th July 1874 to the General Superintendent of

Public Works Stores, and on my visits to the Mount I have more than once discussed the means of accelerating the supply of the piping which was so much wanted. Unfortunately I have no memorandum of these conversations.

3. On my return to office, I desired that a reminder should be sent to the General Superintendent. This was misunderstood as referring to something that I had written before, and some time was lost in searching for a correspondence which did not exist.

4. I have done my utmost to push on with the various works at the Mount, but there is actually nobody living there. Our contractors and suppliers are all in Madras.

*Proceedings of the Madras Government, Public Works Department,
31st May 1875.*

and it is most difficult to make any arrangements. Saint Thomas' Mount is a purely military cantonment and inhabited by scarcely any but persons dependent on the soldiery.

5. I beg also to point out that it is nine to ten miles from the Mount to the parts of Madras where any articles are purchasable; that we cannot hire any conveyance; that we cannot encamp in Madras; and after being put to the expense of extra horses from Madras and staying at a hotel, we cannot do any business with the working classes, and are really at their mercy if they will not come to the Mount.

From Captain A. C. SMITH, R.E., Executive Engineer, No. 2 or Mount Range, Chingleput District, to Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, dated 7th May 1875, No. 287.

In reply to your No. 299 of 23rd ultimo, I have the honor to state that my remark quoted by the Chief Engineer in his No. 436 has been misunderstood. I refer to "piping ordered from the General Superintendent of Public Works Stores; but, owing apparently to there being no such articles in the country, it is doubtful when ablution rooms will be completed." Now had these pipes arrived when indented for they would have taken at the utmost a week to lay down, but, as I was informed that there were none procurable in the Presidency, I had to report as above.

2. I further stated that if these items, about which I never anticipated very much difficulty, were completed, the barracks could be handed over at once; this I said to show how completely clear I had got of my bugbear—the granite stone—which had been such a constant source of worry to me.

3. It is true that only one indent prior to this had been sent to the workshops, but in complying with this, so many mistakes occurred, notably with regard to certain Ts and elbows, that I had to cancel all prior correspondence and make out a fresh indent, 13th March 1875, and request for compliance with the new one.

4. As the correspondence prior to this was pending, and I saw no likelihood of certain Ts and elbows being sent, I thought it not necessary to worry the workshop with a new indent for the extra piping required to the improvements in ablution room, &c., feeling sure that on completion of No. 1, on my submitting No. 2 (which I may add would have been useless without the articles in No. 1 had been first received) I should meet with no difficulty in obtaining and laying the extra piping. On submitting this second and compiled indent, I was, therefore, greatly chagrined by being told, *vide* Public Works Stores' letter, No. 5,136,* dated 26th March 1875, that no such piping was available, and hence my report as above.

5. I also reported the matter to you, and asked your advice, requesting the piping, and the result is I have been obliged to get piping of smaller diameter than originally intended.

6. My former remarks to you regarding the difficulty in obtaining articles referred to the prior correspondence; and at one time, on the workshop failing me with wrought iron Ts, I applied elsewhere, and, after being disappointed, I had to put up with inferior cast-iron articles from the Public Works Stores.

7. I must note that with reference to the delay concerning information required by the General Superintendent of Stores regarding certain pumps, a delay complained of by the Chief Engineer, the letter was dated 31st March and arrived at a time when I was in the midst of hard work, checking road material and yearly bills for clearing annual accounts, and the paper slipped my memory till later on, as I had sent it in to the office† to procure certain information regarding the cisterns to be supplied.

8. In conclusion, I beg to report that the water-supply will be completed a fortnight after the receipt of the last of the stores from Public Works Stores, and that the rooms will be quite habitable if water is supplied by bheasties by the 15th instant.

* Copy forwarded with my No. 12, dated 3rd April 1875.

† And it was then mislaid by the Head Accountant and delayed many days.

*Proceedings of the Madras Government, Public Works Department,
31st May 1875.*

From the same Officer, dated 10th May 1875, No. 306.

With reference to my letter, No. 287, dated 7th instant, I have the honor to inform you that the General Superintendent of Public Works Stores and Workshops has not as yet supplied me with any of the articles indented for on the 18th July 1874 for the use of the Garrison Hospital at Mount; copy of which is enclosed for your information.

2. This matter was reported to you in my letter, No. 3,193, dated 9th March 1875.

3. This will show that compliance with my indents is not made with that promptitude which is supposed by the Chief Engineer in his memorandum, No. 436, dated 21st April 1875.

4. I have never cancelled this indent of ten months' standing, and up to date have received no articles whatever therein indented for.

I merely bring this to your notice to show that I am not to blame for delay in this matter. I have now again applied to Public Works Stores for these articles.

No. 617. ORDER THEREON, 31st May 1875, No. 1,516-B.

MILITARY WORKS, No. 19.

COMMUNICATED to the Military Department.

2. It is observed that the delay in handing over the buildings has been caused by the difficulty in procuring the fittings required for the ablution room, and that it is expected the work will be finally completed in a few days.

(True Extract.)

Major, R.E.,
Offg. Joint Secretary to Government.

To the Military Department.

" District Engineer, Presidency.

" Superintending Engineer, Chingleput.

Exd. E. C. Shunk...

Spare Copies

No. 1144

PRESIDENCY WORKSHOPS, D. P. W.,
Chepauk, Madras, 12th April 1875.

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS AND STORES,

To

THE District Engineer
Presidency
Fort St. George

SIR,

Enclosures.

(1)

(2)

(3)

(4)

(5)

With reference to Memo. from the
Quartermaster General and the order of
the Chief Engineer No. 279 dated 7th April/75
communicated to me on the 10th instant
10th instant No. 212, I have the honor to state
(13) that on orders from the Executive Engineer
Madrass Range for a large supply of wrought
iron piping, Brass cocks, Brass turnstons and
two force pumps for the new Barracks at the
Madrass was received in the Office on the 10th
March/75.

As the articles to which this order
were not in hand enquiries were made in the
local market, Supd. Gas Works and the President
Madrass Municipality, and on the 26th 5/75
Madrass respectively, I asked the Range Officer
to furnish certain information regarding the pipes
and

and Pumps. I enclose copies of my letter book

PRESIDENCY WORKSHOPS, D. P. W.,
Chempauk, Madras, 26th March 1875.

No. 5186.

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS AND STORES,

To

THE Executive Engineer
Mount Range

SIR,

Enclosures.

In reference to your Indent dated
March 1875, I have the honor to subjoin a list
of the articles available for supply.

1 1/2" Wrought iron pipes - 250 - none in stock, none in
1 1/4" do do 250 - same as supplied

2" do do 250 - if required

1" do do 750 - can be supplied

1" T^s 2 do do

1" Elbows 50 do do

5" Elbows - Cast iron Socket 90 degrees 2 will be cast
and supplied.

1" Brass cocks 37 will be supplied

Fontaine cast iron filtering similar to those
erected in Madras 3 will be supplied
price about Rs 1000 each.

If 1 1/4" or 2" wrought iron pipes can
be substituted in lieu of the 1 1/2" pipes which are not
to be had. I shall supply either of the pipes
with

G.O. 3399 of 29 Oct 1874
587 - 28 Feb 1875
540 - do
856 - 27 March 1875
736 - 7 April
3099 E - 24 Dec 1873
3099 F - 24 do
154 - 23 June 1874
674 - 13 March 1874
241 - 4 Feb 1874
1327 - 18 May 1874
1255 - 9 do
1864 - 11 July do
1024 - 21 Feb do
Ch Empir memo no 136
of 21st April 1875
memo no 379 of 9 April 1875
memo no 2185 of 21 Aug 1875

Mr. 1845, Clerk
W 2429
From
Ch Empir
Presidency

Dated 15th April 1875
Recd - 14th
W 2421. In 5.

Submitting to the Chief
Engineer & Secy to Govt.
Ch. & letter from the
Encl: Encl. R. P. W. Workshops
stating when the need
for wrought iron piping
for the new Barracks
at St. Thomas Mount was
received and the steps
taken to supply the

Engine
D. 220. 1845. 21-5-75

N. 6150

D. 2-6-75
Resd to Ch. 22-8-75

with Brass Cocks to suit.

Arrangements will be made on receipt of your reply to meet your wants immediately after the holidays.

I shall address you in a separate communication on the subject of the Force Pumps. I have the honor to be,

N^o. 51316

21st March 1875

To

The Executive Engineer

Mount Range

Sir

Adverting to my letter N^o. 5135 of 26th March 1875, I have the honor to request you will be so good as to furnish the following particulars respecting the two pumps applied for in your indent.

1. The depth the pump is required to raise the water.
2. The height to which the water is to be forced.
3. The quantity of water to be lifted per hour.
4. The power to be used in working the pumps.

I have the honor to be,

19th March 1875

N^o. 4976 To

The Superintending Engineer

Cuttack

Sir

In reply to your letter N^o. 4258 of 16th instant, I have the honor to enquire what piping and well pumps you allude to.

An indent for two force pumps and piping and some fittings was received from the Mount Range Officer on the 16th instant and every endeavour will be made to supply as much of the indent as can be made up in the Workshops or obtained in the local market or from the Madras Water works. Wrought iron piping and fittings are not just now in the market in any considerable quantity so that I shall probably not be able to comply with the indent in full, but on this point I will write to the Range Officer on receipt of a reply from the Madras Municipality.

I have the honor to be,

Y^{rs} J. R. Granger

Genl Supt^g of Workshops

(New Series)

J. R. Granger

Genl Supt^g of Workshops

St. Louis 486 921-4-75

July 24 29/85

28-31 May/75 No 1568

28-31 May/75 No 1568

28-31 May/75 No 1568

28-31 May/75 No 1568

ENCLOSURES.

No.

Received } Dated } 187 .

John C. Smith
The General Superintendent,
P. W. Workshops,

To

The General Superintendent,

From

Public Works Department
Indent no the Public works stores for the delivery of the following articles at the Mount Range office -

Name of articles	Qty now in hand	Date of last issue	Qty now in hand	Qty short	Admitted	Remarks
1 1/2" Iron pipes 20 ft					2 10 3/4	
3 1/2" do					33 3/4	For imperial purposes -
1 1/2" do					9	
3 1/2" do					3	
1 1/2" do					1	For the use of
3 1/2" do					8	Garrison Hos.
1 1/2" do					1	Retal at Mount
Enamelled wash hand basin 18" dia.					7	
meter with copper pipe 3 ft long with 1/2" pipe					1	
One pump with a section pipe of 40 ft to force water to the height of 40 ft with a length of pipe 146 feet						

At Range office
4781 July 1874
Signed / A. C. Smith Capt. Re.
Soc. Engineer

No 306

No 2 Range Office,
10th May 1875

From

The Executive Engineer

No 200 Mount Range

Chingleput District.

To The Superintending Engineer,
Chingleput —

Sir,

With reference to my letter No 287 of 7th Instant, I have the honor to inform you that the General Supt^y of P.W. stores & work shops has not as yet supplied me with any of the articles indented for on the 18th July/74 for the use of the Garrison Hospital at Mount Copy of which is enclosed for your information.

2 This matter was reported to you in my letter No 3193 dated 9th March 1875.

3 This will show that compliance with my Indents is not made with that promptitude which is supposed by the Chief Engineer in his memo No 436 of 21st April/75.

4 I have never cancelled this indent of 10 months standing and up to date have received no articles whatever therein indented for —

I merely bring this to your notice to show that I am not to blame for delay in this matter — I have now again applied to P.W.S. for these articles —

I have &c

Signed/ A. B. Smith Capt^y R.E.
Executive Engineer

True Copy

Col R.E.

Sup^y Range Chingleput

Mr 2257/25

Enclosure to day 13.
No 200 Mount Range
Chingleput District

Go-31 May/75
2257/25

No 287.

No 2 Range Office
7th May 1875.

From

The Executive Engineer
No 2 or Mount Range
Chingleput District

To

The Superintending Engineer
Chingleput.

Sir,

In reply to your No 299 of 23rd ultimo,
I have the honor to state that my remarks
quoted by the Chief Engineer in his No 436
has been misunderstood. I refer to
"Piping ordered from the General Supt.
of Stokes P.D. but owing apparently
to there being no such articles in the
country, it is doubtful when allocation
rooms will be completed." Now had
these pipes arrived when intended
for they would have taken at the
utmost a week to lay down but
as I was informed that there were
none procurable in the Presidency,
I had to report as above.

2. I further stated that if these
items about which I never antici-
-pated very much difficulty were
completed, the Barracks could
be handed over at once. This I said
to show how completely clear I had
got of my lug. Near the granite
Stone

Ms 257/75

CO-31 May 75
Ms 15163

stone which had been such a constant source of worry to me.

3 It is true that only one Ludent prior to this had been sent to the workshop but in complying with this, so many mistakes occurred, notably, with regard to certain Ts and elbows, that I had to cancel all prior correspondence and make out a fresh Ludent 13th March 1875 and request for compliance with the new one.

4 As the correspondence prior to this was pending, and I saw no likelihood of certain Ts and elbows being sent I thought it not necessary to worry the workshop with a new Ludent for the extra piping required to the improvements in Ablution Room &c. feeling sure that on completion of No 1 on my submitting No 2 (which I may add, would have been useless without the articles in No 1 had been first received) I should meet with no difficulty in obtaining and laying the extra piping. On submitting this second and compiled Ludent I was therefore greatly chagrined by being told that Public Works Stores letter No 5136 of 26th March 1875 that no such piping was available and hence my report as above.

* Copy forwarded with my No 12 27th April 1875

5 I also reported the matter to you and asked your advice regarding the piping, and the result is I have been obliged to get piping of smaller diameter than originally intended.

6 My former remarks to you regarding the difficulty in obtaining articles, referred to the prior correspondence and at one time, on the workshop failing me with wrought iron Ts I applied elsewhere and after being disappointed I had to put up with inferior cast iron articles from the Public Works Stores.

7 I must note that with reference to the delay concerning information required by General Supt. of Stores regarding certain pumps a delay complained of by the Chief Engineer the letter was dated 31st March and arrived at a time when I was in the midst of hard work checking road material and yearly bills for clearing annual accounts and the paper slipped my memory, till later on, as I had sent it in to the office to procure certain information regarding the cisterns to be supplied.

8 In conclusion I beg to report that the water supply will be completed a fortnight after the receipt of the last of the stores from P. W. Stores and that the rooms will be quite

* and it was then mislaid by the Head Accountant and delayed many days.

latitahle if water is supplied by
chiefties by the 15th instant.

I have &c
Signed/ A.C. Smith Captain R.E.
Executive Engineer
(True copy)

Forwarding Colonel R.E.
Supr. Engr. Chingleput.

NO. 605

SUPERINTENDING ENGINEER'S OFFICE,
CHINDY, 19 May 1875.

From
THE SUPERINTENDING ENGINEER,
Chingleput District.

Enc.
1 Copies of Letters
1 Indent
To
THE Chief Engineer
Department Public Works.

11287 17 May 1875
1036 2/10
In reply to your No 436 dated 24th
ultimo I had the honor to forward copies
of 2 letters from the Executive Engineer
to Comr. Charge.

2. You will see from this that
the original indent was sent on
the 18th July 1874 to the General Super-
intendent Public Works Stores and
on my visit to the Mount I have
more than once discussed the
means of accelerating the supply
of the fuel, which was so much
wanted. Unfortunately I have
no memo of these conversations.

3. On my return to office, I
desired that a reminder should
be sent to the General Superin-
tendent. This was misunder-
stood as referring to something
that I had written before
and some time was lost in

11287
17 May 1875
1036

Enclosure to Mr. R.E.
Supr. Chingleput No 605
19 May 1875

searching for a correspondence which did not exist.

4. I have done my utmost to push on with the various works at the Mount. but there is actually nobody living there. Our contractors and suppliers are all in Madras and it is most difficult to make any arrangements. Saint Thomas's Mount is a purely military cantonment and inhabited by scarcely any but persons dependent on the soldiery.

5. I beg also to point out that it is 9 to 10 miles from the Mouth to the parts of Madras where any articles are purchasable; that we cannot hire any conveyance, that we cannot encamp in Madras; and after being put to the expense of extra horses from Madras and staying at a hotel we cannot do any business with the working classes; and are really at their mercy if they will not come to the Mouth.

I have the honor to be Sir
Your most obedient servant
Y^{rs} H. C. C.

J. M. Roberts Colonel U.S.A.
 Supr. Engrs. Chicago

Don. 27/5/55 - Don 31/5/55
W/1216722-5-75

4. 4. No. 15-16. 8. 24-5-95.

The enclosed copies
of two Letters from the
Boeotian Legislature
transmitted, in the
interest of dignity of
prices to the Publishers
of the Athenian
centennial observations.

Quoted in { May 1875
Dec. & 218
255
No. 605

Wm. H. D. Wm. H. D.

P. 30. 1875
 Dr. 1875
 No. 2257
 The City Engineer
 Cambridge

Proceedings of the Madras Government
Under date the 1875.

Read the following

From The Military Dept. (H.C. No. 1594 of 3 April 1875)

" Dist. Eng. Presidency " 271 " 13th "

" Supp. Eng. Chingleput " 885 " 19th May 1875

G.O. No. 1436 of 10 June 1875

15/6/75 31st May

Communicated to

The Military Department.

It is observed that
the delay in handing
over the buildings has
been caused by the
difficulty in procuring
the fittings required for

P.S.

The Ablution room;

I would not hand
over the buildings
until complete, &
especially as it seems
the delay will be so
slight. Occupation is
a great hindrance
to work.

The buildings can be
handed over at once,
if it is not considered

objectionable

2429
335

Govt. of (1875) Madrid
PUBLIC WORKS.

Recd. by Mr. [illegible]
1875

Dated

1875

Recd.

15/1/75

G. O. 1875, No. 13

~~1100 222-238~~

611-617

New Royal Artillery Barracks

St. Thomas Mount —

Papers on the subject of
supply of pipes to the
communicated with view
to the Military Department.