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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 865

Press
Mis:

559-61

Dated 23 . 3

1871 .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23rd March 1871.*

Read the following papers :—

No. 559. From the Inspector-General of Police, to the Secretary to Government, Public Works Department, dated Madras, 14th January 1871, No. 201.

I HAVE the honour to forward, for the information of Government, the accompanying letter from the Superintendent of Police, Madura, (with enclosures attached,) from which it would appear that three huts built by the Department Public Works at Ramasiveram in 1868-69, at a cost of Rupees 250 per hut, and destroyed by the monsoon in November of the latter year, had been built of very flimsy materials and *not* of stone-in-chunam as provided in the estimate.

From the Superintendent of Police, Madura, to the Inspector-General of Police, dated Madura, 9th January 1871, No. 8.

I HAVE the honour to bring to your notice that the three Police huts at Ramasiveram, which were reported by the Supervisor at Paumben to have been destroyed by rain and wind in November 1869, appear to me to have been very badly built, and not according to estimate.

2. These huts were estimated for and built by the Public Works Department in 1868-69, and in November of the latter year, not many months after completion, they collapsed under pressure of the ordinary monsoon.

3. The report of the Supervisor concerning their destruction is herewith enclosed.

4. I visited Ramasiveram early in October 1870, and inspected the ruins of these huts. I found the walls had been built of small stones and very sandy mud, not more than sixteen inches thick; the whole plastered over with a very thin coating of chunam, and it appears to me surprising that such walls could have supported the heavy tiled roofing even without the pressure of rain and wind.

5. I requested the Superintending Engineer to furnish me with a copy of the estimate, which I now have the honour to enclose. From that you will see the walls should have been built of "rough stone-in-chunam."

6. Each of these huts cost this Department Rupees 250.

REFERRED to the Superintending Engineer of the 8th Division, with a view to a full report being submitted on the failure of the huts built at Ramasiveram. The party who is responsible for the deviation from the sanctioned estimate as regards the description of materials employed, and the circumstances under which it was carried out, should be stated.

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

FORT ST. GEORGE,
19th January 1871.

No. 560. From the Superintending Engineer in temporary charge of 8th Division, to the Secretary to Government, Public Works Department, dated Madura, 2nd March 1871, No. 3,075.

WITH reference to your docket dated 19th January last, I have the honour to report that the walls of the Police huts at Ramasiveram were built of rough stone-in-clay, and that the estimate provided for that kind of work *not* for stone-in-chunam.

In charge of the Department

Proceedings of the Madras Government, Public Works Department,
23rd March 1871.

2. The Superintendent of Police was misled about this by a clerical error in the copy of estimate furnished to him by Supervisor Sanderson, in which "chunam" was written instead of "clay." The rate, $1\frac{3}{4}$ Rupees per cubic yard, shows that clay and not chunam was to be used.

3. I have not had an opportunity of inspecting the huts myself, and therefore am not able to offer an opinion as to the quality of the work, whether or not it was good of its kind. There is no doubt that the weather during the first half of November was unusually severe; heavy rains from 1st to 7th and on the 10th and 11th, and a severe gale on the 15th being recorded in the Paumben Master Attendant's Journal.

No. 561.

ORDER THEREON, 23rd March 1871, No. 865.

CIVIL WORKS, No. 32.

As it appeared from the papers submitted with the first of the letters above recorded that three Police huts constructed at Ramasiveram in the year 1868-69, each at a cost of Rupees 250, were destroyed during the monsoon of November 1869, and that their failure was due to the inferior materials with which they had been built and to clay instead of chunam, as provided in the estimate, having been used, the Superintending Engineer was called upon for the necessary explanations. These are submitted in the second letter above read.

2. Captain Ryves reports that the estimate for the huts provided for the use of stone-in-clay and not stone-in-chunam, the latter having been erroneously entered in the copy of the estimate furnished by Mr. Supervisor Sanderson to the Superintendent of Police. Not having had an opportunity of inspecting the huts the Superintending Engineer is unable to offer any opinion as to the quality of the work, but he states that there were very heavy rains during the first half of November 1869 and that a severe gale is recorded in the Paumben Master Attendant's Journal as having occurred on the 15th of that month.

3. Under these circumstances the Government are not surprised to learn that the walls of buildings constructed of rough stone laid in clay were not able to withstand the effect of a storm which it is known was of such severity as would have sufficed to try structures of a more stable character.

4. Estimates for rebuilding the huts of permanent materials should be submitted in due course.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Superintending Engineer, 8th Division.
.. Inspector-General of Police.
.. Judicial Department.

Exd. S. T. Augustin.

Police

Abstract Estimate No of 1868. 69

3

District Madurai

Work - Constructing 3 Police huts at Ramasuram

Quantity	Particulars	Rate Per	Amount Total
	+ Rent 1. 12 Mts. 2		
166	Cubic yards rough stone in chunam @ 1.12 1/2	6/2	290 8 "
47 3/10	Squares plastering with coat of 1/2 @ 2 " 1/2	2 " 1/2	94 9 7
3	Window shutters (Batten) Mangoe wood with iron wood frames fitted with wooden bars, hinges &c each 2 1/2 x 2 2/3 @ 6 " "	each	18 " "
3	Batten doors Mangoe wood, with iron wood frames hinges &c each 2 2/3 x 5 2/3 @ 10 " "	each	30 " "
4 1/5	Squares flooring with stone jelly in chunam & plastered above with clay @ 3 " "	Square	12 9 7
172	Running feet Palmyrah wall plates " 2 " 1/2	1/2	21 8 "
9 63/100	Squares roofing with palmyrah couples and Reapers, Nails, Pan tiles, chunam borders at ridges &c. 28 " "	Square	269 10 3
	Leveling ground, excavating foundation scaffolding &c. —		13 2 7
	Total Rupees		750 " "

Paumben
1st September
1868

(Signed) J. B. Sanderson Deewan
Incharge of apur Paumben

Recd. S. T. Augustin
1.7.71
Police

(True copy)
J. B. Sanderson
Incharge of apur Paumben

Wm 8

Office of Supply
Madura
9th Aug 1871

From the Superintendent of Police
Madura
to the Inspector General of Police
Madras

In. I have the honor to bring
to your notice that the three
Police Huts at Panissiam
which were reported by the
Superintendent at Panissiam to
have been destroyed by
rain & wind in November
1869, appear to me to have
been very badly built, and
not according to estimate.
2. These Huts were estimated
for and built by the Public
Works Dept. in 1868-69 and
in November of the latter
year, not many months
after completion they collapsed
under pressure of the
ordinary monsoon.
3. The report of the Superintendent
concerning their destruction
is herewith enclosed.

11/10/71

Estimated
for constructing 3
Police huts at
Panissiam

To S. S. P. W. 9.11.71
C. S. P. W.

4. Visited Ramisseram early
in October 1870 and inspected
the ruins of these huts.

I found the walls had
been built of small stones
and very sandy mud, ~~and~~
not more than 16 inches thick.
The whole plastered over
with a very thin coating
of Chumam, and it appears
to me surprising that such
walls could have supported
the heavy tiled roofing
even without the pressure
of rain & wind.

5. I requested the Supt. of
the District to furnish me with a copy
of the estimate which I
now have the honor to enclose.

From that you will see
the walls should have
been built of rough stone
in Chumam.

6. Each of these huts cost
this Dept. Rs 250.

I have

Have the honor to be
Your most obedt Servant

W. Cuttler Esq
Supt. of Police

From,

Government

Dated 19 January 1871

W 1083/71

Calling for full report
on the failure of the
Police Hubs at Rome
-warem-

London 1781

London 1781

at the same time
at the same time
at the same time

at the same time

at the same time

at the same time

at the same time

at the same time

at the same time

at the same time

at the same time

Hatting Building

No. 201

Chief Office of the Inspector General
of Police,

Madras, 14th January 1871.

From

The Inspector General of Police.

To

The Secretary to Government
Public Works Department
Fort Saint George

Enclosure One.

Sir

I have the honor to forward for the
information of Government the accompanying letter
from the Superintendent of Police Madras (with enclosure
attached) from which it would appear that 3 huts
built by the D. P. W. at Ramisseram in 1868/69
at a cost of Rs 250 per hut and destroyed by the
monsoon in November of the latter year, had been
built of very flimsy materials and not of stone
in Chunnaw as provided in the Estimate.

I have the honor to be

Sir,

Your most obedient servant

Chann

Inspector General of Police.

1871 Depart^o

Enclosure

In a letter from the Inspector
General of Police dated Madras
14 January 1871 No. 201

From

The Supt of Police

1083
No. 224/71. Madras

No. 8 dated 9 January 1871
with 2 enclosures.

Inform that the 3 huts
at Ramisseram built in
1868-69 were not erected
according to Estimates and
consequently have fallen
down.

I have the
H. R. ——— Captain
Superintending Engineer
in Charge of S. D. N.

I received your letter from
 the Society of Friends
 respecting the very
 pleasing material with
 which you have sent it
 I am glad you had
 such a good one
 I am glad you had
 such a good one
 I am glad you had
 such a good one

Public Works Department
No. 865.

Proceedings of the Madras Government
Under date the 23rd March/71

Read the following
From the Inspect^r & P^{ro}sec^r G.O. No. 201 of 11th Jan/71
From the Sup^r Engineer in charge
of the charge of S^r D^r G.O. No. 3075 of 2nd March 1871/

As it appeared
from the papers submitted
with the first of the letters
above recorded that 3 Pill
huts which were constructed
at Ramaviveram in
the year 1868/69, each at a
cost of Rs 250, were destroyed
during the monsoon of
November 1869, and that
their failure was due to
the inferior materials
with which they had been
built and clay instead
of chunam, as provided
in the estimate, having

1771871/14 Dec 71
G.O. No. 1083
The Engineer in Charge
in charge of S^r D^r

To the Secretary to Govt
G.O. No. 11

Dated 12th Jan 1871
G.O. No. 11

G.O. No. 11

Also the description

of materials used in the
construction of the 3 Pill
huts at Ramaviveram
& the cause of their
failure. No. 865-23 March 71

615 March 71 A. 16

been used, the Sup Engineer
was called upon for the
necessary explanations.
These are submitted in
the second letter above
read.

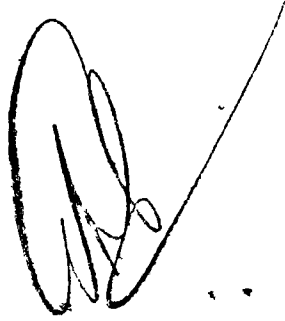
Capt. Ryves reports
that the estimate for the
huts provided for the use
of stone in clay and not
stone in chunam, the
latter having been erro-
neously entered in the
copy of the estimate fur-
nished by Mr. Supervisor
Sandercock to the Superin-
tendent of Police. Not
having had an opportunity
of inspecting the huts the
Sup Engineer is unable
to offer any opinion as to
the quality of the work, but

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he states that there were
very heavy rains during
the first half of November
1869 and that a severe
gale is recorded in the
Pamphlet Master Attor-
neys Journal as having
occurred on the 15th of that
month.

Under these circum-
stances the Government
are not surprised to learn
that the walls of buildings
constructed of rough stone
laid in clay were not able
to withstand the effect of
a storm which it is
known was of such severity
as would have sufficed
to try structures of a
more stable character.

Estimates

19
Estimates for re-
building the huts of
permanent materials
should be submitted
in due course.



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To

The Sup^r Cargo 8. Du 1

6. Insp^r Gen^l of Police

11. J^{ud}l. Depart^{mt}

Apr 22nd 1883
Govt. of Madras.

PUBLIC WORKS.

To The Superintending Engineer
S.E. Division

Dated

Recd.

4th

G. O. 23rd March, No. 865.

2
Nos. 559 & 561

White huts at Ramasivaram.

Reporting orders in papers re-
lative to the failure of
three white huts at
Ramasivaram in the
Madras Dt.