

- (1) பக்கங்களின் எண்ணிக்கை 28
 (2) புதுக்கித் திருப்பிய நாள் 16.5.89
 (3) ஆதாரங்குறிப்பவர் கருக்கொப்பம் 60

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	463 W	அச்சகம் பலவகை
நாள் :	12. 2. 1890	198

மடிக்கலோ கண்டபடி கையாளலோ கூடாது

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

PROCEEDINGS of a Committee assembled at Bellary on the 10th January 1890 by G.O., No. 3442 W., Public Works, dated 4th December 1889, to consider and report how the building in the Arsenal intended for workshops can be utilised and to select site for a new building for workshops.

President—Colonel F. Cherry, 4th "Prince of Wales' Own" Light Cavalry, Commanding Bellary.

Members—
Colonel H. Smalley, R.E., Superintending Engineer, III Circle, Public Works Department.
Colonel C. W. Brereton, R.A., Assistant Inspector-General of Ordnance, Madras.
Mr. A. S. Russell, Executive Engineer, Public Works Department, Bellary.

The Committee having assembled pursuant to orders, proceed to inspect the building intended for Arsenal workshops.

2. First the Committee are unanimously of opinion that the building cannot be appropriated to any other purposes than ordnance purposes. They therefore report upon it solely from an ordnance point of view.

3. Next the question was raised by the Ordnance member whether the present building could still be made available as *workshops*. This could only be done now by entirely isolating the machinery from contact with the walls, and in the opinion of the Engineer members the soil is so bad that even in this way there would be continued danger to the walls from the vibration of the ground round and beneath them. It is noted that the Chief Engineer has already condemned the building as workshops. The Committee accept this professional opinion and pass on to the next point how the building could be utilised.

4. The present harness and saddlery rooms—very old buildings, dating back 50 years or more—have been so shaken by the late heavy rains as to be positively dangerous. They have been propped and buttressed up as a temporary measure, but they must be pulled down eventually, and the sooner the better. The Committee therefore consider the building intended for workshops will come in admirably as the future harness and saddlery and other stores, and as it is larger than required for these purposes, one end could be preserved for the leather workshop and materials for repair. The Committee look to the Public Works Department (or Military Works Division when the latter takes over charge) to make the present building safe according to the Chief Engineer's suggestions recorded in G.O., No. 3442 W., dated 4th December 1889. These are chiefly to brace the walls together with iron rods. Buttresses would probably have to be thrown out at the intersection of the cross walls with the main walls and a stone plinth protection all round the building with drains at edges.

The Committee support the Ordnance officer's requirements for a verandah in front with doors leading into the rooms—some of them large doors for bulky goods; more doors of communication inside; more ventilation and sky-lights. The floor to be stone throughout. Ramps to be formed to the basement. The roof to be completed

as originally designed, *i.e.*, with Mangalore tiling and wooden ceiling beneath, as European store-holders would have to work in the stores throughout the day.

The Committee urge the completion of the building with all possible despatch owing to the dangerous state of the present harness and saddlery rooms and the necessity for turning their contents elsewhere speedily.

5. The Committee next proceed to select a site for new workshops. They consider the best site would be that of the present harness and saddlery rooms, which, as before mentioned, must be pulled down. By utilising one end of the building intended for workshops as an enclosed store for the shops, new workshops can just be got within the present enclosure wall of the arsenal joining on the new building to the building intended as workshops. They recommend that the new workshops should have as light a roof as possible supported on iron columns, and should be as open as possible consistently with the protection of the machinery from dust and damp. Extra precautions must be taken with the foundations, as the soil is very bad everywhere throughout the arsenal and its neighbourhood.

6. The first thing required is to complete the present building intended as workshops to serve as stores for the harness and saddlery, which would be transferred thither immediately on its completion, and the present harness and saddlery store dismantled to make way for the new workshops.

(Signed) F. S. CHERRY, Colonel.
(") H. SMALLEY, Col., R.E.,
Superintending Engineer, III Circle.
(") C. W. BRERETON, Col., R.A.,
Asst. Insp.-Genl. of Ordnance.
(") A. S. RUSSELL,
Executive Engineer.

No. 911, Military.

Forwarded for favor of report as to whether the proposals of the Committee are concurred in by the Inspector-General of Ordnance.

2. An early reply is solicited.

FORT ST. GEORGE, (Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
5th February 1890. Secretary to Government.

No. G-114.

Returned as requested (Government of Madras Military Department No. 911, dated 5th February 1890, with enclosures).

2. The proposals of the Committee are concurred in by the Inspector-General of Ordnance.

(Signed) C. W. BRERETON, Colonel, R.A.,
Assistant Inspector-General of Ordnance,
(In charge of Ordnance Office).

No. 1006, Military.

Transferred to the Public Works Department.

FORT ST. GEORGE, (Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
10th February 1890. Secretary to Government.

Office note in the Military Department, dated 10th February 1890, No. 1007.

ORDER—dated 12th February 1890, No. 463 W., Public Works.

The proposals of the Committee are approved. The Superintending Engineer will, with the least possible delay, submit the requisite plans and estimates for carrying them into effect.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Military Department.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1890} Madras.
PUBLIC WORKS.

Dated February, 12th.

Recd.

Encl.

G.O., 12th Feb. 1890, No. 463 W.

FEBRUARY.

**Building constructed for the
Arsenal Workshops, Bellary**

Approving the proposals of the Committee appointed to consider and report how the — can be utilised and to select a site for a new building for workshops and directing the Superintending Engineer to submit plans and estimates for executing them.

100
Proceedings of a Committee assembled
at Bellary on the 10th January 1890 by G.O.
No. 3442 W.P.W. dated 4th December 1889 to
consider and report how the building in the
Arsenal intended for Workshops can be utilised
and to select site for a new building for
workshops.

President
Colonel F. Cherry 4th P.W.O.L.C. Commanding
Bellary

Members
Colonel H. Smalley R.E. Superintending Eng.
3rd Circle P.W.D.
Colonel C.W. Perreton R.A. Assistant
Inspector General of Ordnance Madras
Mr. A.S. Dupire Executive Engineer
Bellary P.W.D.

The Committee having assembled pur-
suant to orders, proceed to inspect the building

intended for Arsenal Workshops.

2. First the Committee are unanimously of opinion that the building cannot be appropriated to any other purposes than Ordnance purposes. They therefore report upon it solely from an Ordnance point of view.

3. Next the question was raised by the Ordnance Member whether the present building could still be made available as Workshops.

This could only be done now by entirely isolating the machinery from contact with the walls and in the opinion of the Engineer members the soil is so bad that even in this way there would be continued danger to the walls from the vibration of the ground round and beneath them. It is noted that the Chief Engineer has already condemned the building as Workshops. The Committee accept this professional opinion and pass on to the next point how the building could be utilised.

2nd
4. The present harness and Saddlery stores very old buildings dating back 50 years or more have been so shaken by the late heavy rains as to be positively dangerous. They have been propped and buttressed up as a temporary measure, but they must be pulled down eventually and the sooner the better. The Committee therefore consider the building intended for Workshops will come in admirably as the future harness and Saddlery and other stores, and as it is larger than required for these purposes, one end could be preserved for the ~~leather~~ ^{leather} workshop and materials for repair. The Committee look to the P.W.D. (or Military Works Division when the latter takes over charge) to make the present building safe according to the Chief Engineer's suggestions recorded in G.O. 3142 W dated 4th December 1889. These are chiefly to brace the walls together with iron rods. Buttresses would probably have to be thrown out at the intersection of the cop walls with the main walls and a stone plinth

protection all round the building with drains at edges.

The Committee support the Ordnance Officers' requirements for a verandah in front with doors leading into the rooms. Some of them large doors for bulky goods; more doors of communication inside; more ventilation and sky lights. The floor to be stone throughout. Ramps to be formed to the basement. The roof to be completed as originally designed, i.e. with Mangalore tiling and wooden ceiling beneath as European Store. Holders would have to work in the stores throughout the day.

The Committee urge the completion of the building with all possible despatch owing to the dangerous state of the present harness and saddlery rooms and the necessity for turning their contents elsewhere speedily.

5. The Committee next proceed to select a site for new workshops. They consider the

300
best site would be that of the present harness and saddlery rooms, which as before mentioned must be pulled down. By utilising one end of the building intended for workshops as an enclosed store for the shops, new workshops can just be got within the present enclosure wall of the Arsenal joining on the new building to the building intended as workshops. They recommend that the new workshops should have as high a roof as possible supported on iron columns, and should be as open as possible consistently with the protection of the machinery from dust and damp. Extra precautions must be taken with the foundations, as the soil is very bad everywhere throughout the Arsenal and its neighbourhood.

6. The first thing required is to complete the present building intended as workshops to serve as stores for the harness and saddlery which would be transferred thither immediately.

on its completion, and the present harness and
saddling store dismantled to make way for
the new workshops.

W. H. Long Col^{ad}

H. Smalley Col^{ad}
Supt. 2nd Regt 3rd Div

C. H. Brewster Colonel
2nd Regt

Adj. I. S. O.

A. H. Herford Capt. 1st Regt

The Secretary to General
Military Department

MILITARY (1890) DEPARTMENT.

Former papers.

No. 532

For 8-10-90
5. July 1890

Pro.

of Committee
The Assisted at
Kellany
No.

2-9-11

REQUESTED TO BE
RETURNED WITH R.F.P.

Dated 10.7.90

Received 25.1.90

Registered

ENCLOSURES.

P.G., No. , dated

Expressing their
opinion as to how the
new Annual in Kellany
could best
be utilized

Forwarded for
furn. of report as to
whether the proposals
of the Committee are
concurred in by the
Inspector General of
Ordnance.

An Early reply is
solicited.

Attn: Herbert 18/2/91

Secy to Genl
Inly Dept.

The Insp. Genl of Ordnance

Referred.

ORDNANCE DEPARTMENT.

No. *114*

Madras

6 February 1890

Returned as requested.

2. *The proposals
of the Committee
are concurred in by
the Inspector General
of Ordnance.*

*Government of Madras
Military Department
No. 911 Dated 5th February
1890 with enclosures*

*L. W. Briston Colonel Ret.
Asst Insp. Genl. of ord.
(Inch. of ordn. office)*

*To The Secretary to Government
Mily. Department
Fort Saint George.*

No. 873

From

THE *Asst Secy of Ordnance*

ms 1006.

No. *114*

Dated

6. 2. 90

Received

7. 2. 90

Registered

*Transferred to
the Public Works De-
partment.*

Alfred Herbert W. Smith

*Secy to Genl.
Inly Dept.*

ENCLOSURES.

P.G., No.

dated

*Concurs with the opinion of the
Committee assembled at Bell
as to how the new arsenal work-
shops at Bellary could best be
utilised.*

*St. St. George
10 Feb/90*

MILITARY (1890) DEPARTMENT.

No. 10

From

The Members of the Committee
assembled at Bellary
No.

Dated

Received

Registered

ENCLOSURES.

P.G., No. , dated

Proceedings of the meeting of the
Committee on 10.1.90 to consider
how the building in the Arsenal
intended for Workshops can be
utilised to select a site for a new
building for Workshops

P.G. 20. 12. 1889 no 875-9R
" 3. 1. 1890 no 3. R
Former papers.
" 7. 1. 1890 no 65R

no 604.

Transferred to
the Public Works
Department with re-
ference to O.S. no 34424
dated 4. Decr 1889

Atkinson Herbert
Secy to Genl
Mil. Dept.

Fort Saint George
28 January/90



with endorsement

2/24/90

No. 3442 W/4-12-89
 " 2527 W/4-17-8-88
 " 497 W/4-23-9-88

ju

HCL
 31 Jan

The proposals of
 the Committee are
 approved. The Suplg:
 Engineer will, with the
 least possible delay
 submit the requisite
 plans and estimates
 for carrying them
 into effect.

No
 7.ii.90.

MUR
 30.1.90

Chas
 30 1.90

Ought not the opinion of the Com
 to be asked?

S.E. III circle
 Military Dept.

Am 30-1-90 R 1-2-90

Current 909

Note

With reference to
 the Hon. Member's re-
 marks on this current,
 it is submitted that
 if the Pres. of the Com-
 mittee had been for-
 warded by the Presid-
 ent to the P.W. Dept.,
 they would certainly in
 the first instance have
 been referred to the
 Military Dept. for an
 expression of opinion
 by W.D. the Commis-
 sioner & the Dept. of
 Order.

The Pres. were
 however forwarded to the
 Military Dept. which
 has sent them to the
 P.W. Dept. without
 remarks. The presumption
 is therefore that the
 Mil. Dept. is satisfied
 with the proposals.
 If desired, the
 papers will be

turned to the Military
Dept. for the opinion
of the C. in C. & the S. G. of
Ordnance -

WMB
1.2.90
P. W. B. 2
1.2.90

I asked myself as to routine,
about which I know nothing.
The point is to supply the Bureau of
the Milit. Dep. with

2 Feb

P. W. B. 2
1.2.90

Forwarded to the Military
Department for favour of
the Secretary's committee. minutes
to the draft order on Current
No. 909, if he sees no
objection thereto.

P. W. B. 2
2.2.90

W

Military Department,
Fort Saint George, the 12. February 1890.

No 1007 OFFICE NOTE.

From
THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

To
The Secretary to Government,
Public Works Department.

The undersigned has the
honour to make the following
observations with reference to the
Public Works Department Note
in the accompanying papers

The Committee's Proceedings
(Military Department Current No. 532)
were transferred in the first instance
to the Public Works Department
(without previous reference to the
Inspector General of Ordnance), as
the Committee was convened under
the orders of Government in the
Public Works Department and their
submission by the President, direct
to the Military Department, was
irregular.

It will be seen from Military
Department Current No. 873 that the
Committee's proposals are concurred
in by the Inspector General of
Ordnance.

The papers need not be

submitted

submitted to His Excellency the
Commander-in-Chief as the
Quarter Master General's Department
is not concerned with Ordnance
Works.

The draft Order has been duly
counterinitialled as requested.

A. Kannan Perbot
Pris. Genl.
Secy to Government

4634

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Proceedings of a Committee assembled at Bellary
on the 10th January 90 to consider and report how the
building in the Arsenal intended for Workshops
can be utilised and to select a site for a
new building for Workshops.

Endorsement thereon in the Mtlly depts (H.E. No. 911 dt 5.2.90)
do by the Ins. Genl. of Ordnance (.. - 9 dt 6.2.90)
do in the Mtlly depts (.. - 1006 dt 10.2.90)
Office note in the do (.. - 1007 dt 10.2.90)

100
The proposals of the
Committee are approved.
The Supt. Engineer will,
with the least possible
delay, submit the
requisite plans and
estimates for carrying
them

them into effect.

Quint
12.25p

Proceeding of the Committee on the
the 10th January 1871 to consider and report on the
introduction of the General Land Bill for the
can be introduced as a whole or in
in the House of Commons.

Proceeding of the Committee on the
the 10th January 1871 to consider and report on the
introduction of the General Land Bill for the
can be introduced as a whole or in
in the House of Commons.

The proposed of the
Committee on the
the 10th January 1871 to consider and report on the
introduction of the General Land Bill for the
can be introduced as a whole or in
in the House of Commons.

S.E. III Circle
military dept

Cu