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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.	<u>2085</u>	<u>W</u>	Press.
B.P. No:			Mis.
Dated	<u>3-11-1886.</u>		<u>X</u> 198.

Not to be folded or roughly handled

B.S. 24

3RD NOVEMBER 1886, No. 2885 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 23rd October 1886, Mis. No. 2857, Judicial :—

Read—the following letter from the Inspector-General of Jails, to the Chief Secretary to Government, dated 12th October 1886, No. 294 :—

In reply to paragraph 2 of the order marginally quoted, I have the honor to report that a new work-shed at the Penitentiary is urgently required, owing to the increase in the number of prisoners since the abolition of the Chingleput district jail, and to the recent admission, within the last six months, of 70 Burmese; 40 of whom are under sentences for life.

2. In former years, no Burmese convicts were retained in the Penitentiary, but were always transferred to the central jails; but owing to the increase of these prisoners, a portion will always have to undergo their imprisonment in this jail.

3. Further, owing to the increase in the number of prisoners, the kitchen accommodation is inadequate, and the room in which the grain (ragi) was ground and sifted, has had to be occupied as a kitchen for the European prisoners, the grain being now cleaned in a portion of one of the sleeping wards; but if additional workshop accommodation is provided, a portion of it could be given up for cleaning grain in.

4. The present workshop is very small, and only provides room for a few mat-makers, and in wet weather is quite exposed.

Order—dated 23rd October 1886, Mis. No. 2857, Judicial.

In view of the explanation now afforded, the plan and estimate for a new work-shed at the Penitentiary are approved, and will be transferred to the Public Works Department.

(True Extract.)

(Signed) A. G. CARDEW,
Acting Assistant Secretary.

ORDER—dated 3rd November 1886, No. 2885 W., Public Works.

The estimate, amounting to Rs. 3,200, for constructing a new work-shed in the Penitentiary at Madras, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial, No. 131 W. of 1886-87, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with four enclosures.
" Examiner, Public Works Accounts, with the duplicate abstract estimate.
" Judicial Department.
Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1886 Madras.

PUBLIC WORKS.

Dated November, 3rd.

Recd.

Encl.

G.O., 3rd Nov. 1886, No. 2885 W.

NOVEMBER.

Madras Penitentiary

Estimate of Rs. 3,200, for constructing a
new work-shed in the —, sanctioned.

16TH OCTOBER 1886, No. 2724 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 11th October 1886, Mis. No. 2725, Judicial.

Read—the following letter from the Inspector-General of Jails, to the Chief Secretary to Government, dated 14th September 1886, No. 259 :—

I have the honor to forward, for sanction, the accompanying plans and estimates, amounting to Rs. 14,400, for constructing a work-shed and putting on new roof to the close prison cells in Her Majesty's Penitentiary, and to request that Government will be pleased to accord sanction and appropriate funds for the execution of the works, which are much needed.

Order—dated 11th October 1886, Mis. No. 2725, Judicial.

The plan and estimate for a new roof to the close prison cells in the Penitentiary are approved and transferred to the Public Works Department.

2. The Inspector-General will, in regard to the work-shed, report more fully the necessity for the work.

(True Extract.)

(Signed) A. G. CARDEW,
Ag. Assistant Secretary.

ORDER—dated 16th October 1886, No. 2724 W., Public Works.

The estimate, amounting to Rs. 11,200, for putting new roofs on the close prison cells in the Penitentiary at Madras, is sanctioned, for execution when funds are available.

2. This sanction has been registered as Provincial, No. 121 W. of 1886-87, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with four enclosures.

" Examiner, Public Works Accounts, with duplicate abstract estimate.

" Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1886 Madras.

PUBLIC WORKS.

Dated October, 16th.

Recd.

Encl.

G.O., 16th Oct. 1886, No. 2724 W.

OCTOBER.

Madras Penitentiary

Estimate of Rs. 11,200 for putting new
roofs on the close prison cells in the —,
sanctioned.

Public Works Department.

Current No. 8304

Letter No. G.O. No. 2857/86

Dated the 23rd October/86

From the Secy to Govt. - Judicial Bd.

NOTE OF REMARKS.

1. The accompanying plan and estimate provide for construction of a new work shed at the Penitentiary at Madras. The estimate amounts to Rs. 3,200.

2. The proposed new work shed is to be 22 1/2 feet long on the inside and 12 1/2 feet wide in the clear. The rear wall of the closed prison cell is to be adapted as the rear wall of the new shed. The masonry is to be of brick in mortar. The roofing is to be of Mangalore tiles on teakwood rafters and joists. The floor is to be covered with gravel. The walls and pillars are to be plastered with cement.

3. The scantling allowed in the estimate, 3 inches x 4 1/2 inches, is wrong and is corrected to 3 inches x 4 inches.

Even taking the less weight of the Mangalore tiling into account the scantling of the rafters in the estimate is altogether insufficient. The scantling allowed the brexsumner may subject to approval, be accepted, the scantling is 6 inches x 8 inches in the estimate.

4. The rates are fair. —

The plan and estimate are approved in the judicial department.

8/14
27/10/86

gwl

D.W.

Weight of Mangalore tiling (10.3 in thick) by the Chief Engineer P.W.D.

= 10.08 lbs. — say 10 lbs. per sq ft

The scantling of the rafters allowed is according to the formula for deflection, $8d^3 = 10 \cdot a \cdot L^2$ sufficient to carry a weight of 100 lbs. per running foot or 32.3 lbs. per sq ft of roofing without deflecting more than $\frac{1}{40}$ of an inch per foot of length.

The weight of Mangalore tiling including the spaces 2" x 1" & 12" apart will be about 12 lbs. per sq ft. since the slope of the roof is about 0.45 .

$\therefore$ the wind pressure will be the horizontal pressure $\times 0.45$.

The tile being impervious to moisture it is presumed that no allowance need be made for the extra weight when wet & if the horizontal wind pressure be assumed to be 40 lbs. per sq ft. the scantling 3" x 4 1/2" is just sufficient.

CH
2/11/86

29/1

The scantling of the rafters used is 3" x 4 1/2", but according to standard specification it should be 3" x 7" and should be altered accordingly. With this exception, estimate is recommended for action.

E. W.

11/86

Even taking the less weight of the
Kangalore tiles into account
the scantling of the rafters in
the estimate is altogether
insufficient. The scantling
allowed the pressure may
subject to approval, be accepted.
The scantling is 6 inches x 8 inches
in the estimate.

4. The rates are fair. —

The plan and estimate are
approved in the Judicial
Department.

83/4
27/10/86

W.

23/5

Herewith calculation
of S.D. & of which
he than that scantling
of rafters $3" \times 4\frac{1}{2}"$ is

insufficient. The Mfr of
Chin Pipe may therefore
be cancelled & the
order in connection
with alteration

S.D. & from receipt of
Kangalore tiles with
recept = 12 lb per sq ft
the tiles now proposed
at 40 lb per sq ft having
= 18 lb on surface &
not the pressure on
rafters = therefore 30 lb
& scantling $3" \times 4\frac{1}{2}"$ will
stand 33.5 lb per sq ft
without deflecting more
than $\frac{1}{40}$ inch.

2/11/86

Note by the Chief Engineer P. W. D.

23/5

The scantling of the rafters
allowed is $3" \times 4\frac{1}{2}"$, but according to
the standard specification it should
be $3" \times 7"$ and should be altered
accordingly. With this exception,
the estimate is recommended for
attention.

E. W.

1/11/86

even taking the less weight of the
Mangalore tiling into account
the scantling of the rafters in
the estimate is altogether
insufficient. The scantling
allowed the bressummer may
subject to approval, be accepted.
The scantling is 6 inches x 8 inches
in the estimate.

4. The rates are fair. —

The plan and estimate are
approved in the Judicial
Department.

BH
27/10/86

28/10/86
The scantling of the rafters should be
according to the Standard Specification
be 3" x 7" & though this might
be reduced a little for Mangalore
tiling. I do not think 3" x 4 1/2" is
strong enough.

The scantling of the bressummer allowed is 3" x 7" and should be altered
to 6" x 8" instead of 6 1/2" x 9 1/2" & thus
may I think be accepted.
With the above exception the estimate
seems to be correct.

OH
28/10/86

The allowance may
be sanctioned, the
scantling of rafters
being altered to 3" x 7"

28/10/86

Note by the Chief Engineer P. W. D.

28/10/86

The scantling of the rafters
allowed is 3" x 4 1/2" but according to
the standard specification it should
be 3" x 7" and should be altered
accordingly. With this exception,
the estimate is recommended for
approval.

E. W.

11/11/86

Even taking the less weight of the
Kangalore tiling into account
the scantling of the rafters in
the estimate is altogether
insufficient. The scantling
allowed the bressummer may
subject to approval, be accepted.
The scantling is 6 inches x 8 inches
in the estimate.

4. The rates are fair. —

The plan and estimate are
approved in the judicial
department.

3/14
27/10/86

Note by the Chief Engineer P. W. D.

29/5/7

~~The scantling of the rafters
allowed is 3" x 4 1/2" but according to
the standard specification it should
be 3" x 7" and should be altered
accordingly. With this exception,
the estimate is recommended for
sanction.~~

E. W.

1/11/86

Ca

2724 W 16.10.86.

2885 W.

Judicial Department.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

2/8
Read the following

Letter from the Inspector-General
of Jails, No 294, dated 12th October
1886.

No 2725 Prio
7.11. Oct 1886.

2724 W 16.10.86

In reply to paragraph 2 of the
Order marginally quoted, I have
the honor to report that a new
work shed at the Penitentiary is
urgently required, owing to the
increase in the number of prisoners
since the abolition of the Chingleput
District Jail, and to the recent
admission, within the last six
months, of 40 Burmese, forty of
whom are under sentences for
life.

2. In former years no Burmese
convicts were retained in the
Penitentiary, but were always
transferred to the Central
Jails

ails, but owing to the increase of these prisoners a portion will always have to undergo their imprisonment in this jail.

3. Further, owing to the increase in the number of prisoners, the kitchen accommodation is inadequate, and the room in which the grain (raghi) was ground and sifted, has had to be occupied as a kitchen for the European prisoners, the grain being now cleaned in a portion of one of the sleeping wards, but if additional workshop accommodation is provided, a portion of it could be given up for cleaning grain, &c.

4. The present workshop is very small, and only provides room for a few mat makers, and in wet weather is quite exposed

Order

^{23rd 1886}
Order thereon 23 October 1886 No. 2857
In view of the explanation now afforded, the plan and estimate for a new Work-shed at the Penitentiary are approved, and will be transferred to the Public Works Department.

(True Extract)

A. J. Cardew.

Ag. Asst. Secretary

The Public Works Department
with plan &c
Inspector General of jails.

2885
10

Govt. of (188) Madras.

To

The M. Dept.



En: 5 (+1 plan)

R. 25.10.86

Proceedings, dated
No. 1857

Subject.

Approving & trans-
ferring to the M. D.
plan & estimate
for a new workshop
at the Penitentiary
Madras.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Proceedings of Govt. Judicial Department. N. E. No. 2857 Pro. d/23 October 1886.
Note by the Chief Engineer P. W. Department of

The estimate amounting to
Rs. 3200, for constructing a new workshop
in the Penitentiary at Madras, is
sanctioned for execution when funds
are available.

2. Attention is drawn to the
note by the Chief Engineer P. W.
Department above recorded.

3. This sanction has been
registered as Provincial No. 131 W. of
1886-87, and classified as Civil
Buildings, Original Works.

To The Suptg. Engrs. I enclose with the
"Examiners of P. W. Accounts" the
duplicate abstract estimate
Judicial Department.

1/11/86

En
2/11/86

Cu

8304

Govt. of (1886) Madras.
PUBLIC WORKS.

Dated

Press

1-11-86

Recd-6-11-96

Recd

Encl.

G.O., 3rd November 1885, No. 2885

Madras Penitentiary
=

Estimate of Rs 3,200
for constructing a
new workshop in
the — Sanatorium

$\frac{60}{4}$

Recd
11/11