

7939
Govt. of 1895 Madras.
PUBLIC WORKS.

Dated

Recd.

Encl.

G.O., 7/11/1895 No. 2850w

Court of Small
Causes at Madras.

—
Estimate of Rs. 26,900
for additions and
improvements to the
—
sanctioned with remarks
—

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~~H.E.~~

Estimate for additions
and improvements to
the Court of Small Causes
at Madras.

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No 2850 W of 8 Nov 1895

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Memorandum in the Judicial Dept. No. 1981 dated 26th August 1895.

Proceedings of Govt. in -do- " 2072 dated 7th October 1895.

Note by the Chief Engineer, Public Works Dept. dated 5th November 1895

The estimate, amounting to Rs.

26,900, as altered by the Chief

Engineer P.W. Department, for addi-

tions and improvements to the Court

of Small Causes at Madras, is sanc-

tioned.

2. The Consulting Architect will

report the amount that can be spent

on the work during the current of-

ficial year, and he will submit such

explanation as he may have to offer

with reference to the remark in the

G.O. of 7th October 1895, above re-

corded.

3. Attention is drawn to the

Chief Engineer's note printed with

these Proceedings.

4. The sanction accorded in para

1 has been registered as Provincial

No. 76 W. of 1895-96, and classified

as Civil Buildings, Original Works.

DESPATCHED

19 NOV. 95

The Consgr. Architect to Govt.
with 8 enclos.

" Examiner P.W. Accounts.

(40-4,000-14-3-95.)

" Judicial Department.

No provision has been made
for wall plates under joists
to store rooms & verandahs.

Provision has been made for
the supply of 2 chubb & locks
for entrance doors, as these
locks do not come under
provision, they may be engaged
from the estimate & obtained
through the District Office by
the Judicial Dept. under para
33 Chap VI, Vol I of the P.W. Code.

The rates are fair.

The amount of the estimate
has been reduced from Rs
27,140 ~~owing to clerical errors~~
to Rs 26,900 owing to
clerical errors in the items
of plastering & wrought iron
work.

The plans & estimate have
been countersigned by the Chief
Judge of Small Cause Court
Madras, & forwarded by the
Judicial Dept with the remark
that the Chief Engineer's attention
be drawn to the fact that
Mr. Irvine would appear to
have been responsible for the
defective lighting of the Small
Cause Court, Madras.

The necessity of
additional depth.

Necessary.

Yes

Consgr
2/11/95

Sanction with a note to
the effect that wall
plates under the joists
to the store rooms and verandahs
are considered desirable &
and that it is presumed
that the & made earth,
in which the foundation for
the covered shed will be
laid, is consolidated
sufficiently to dispense with

rolled steel girders of a sec.
 18" x 7" may be provided
 instead, as per calculations
 below based on Messrs Dorman
 & Long & Co's formulae in their
 Handbook of Steel & Iron sec.
 11th ed.

Weight on each girder.

Tenac — $30 \times 10 \times \frac{3}{4} \times 120 = 27,000$

Joists — $21 \times 10 \times \frac{1}{2} \times \frac{7}{12} \times 46 = 1409$

Fish plates $42 \times 11 \frac{1}{2} = 47.25 \times 63 = 30$

Bolts — $84 \times 11 \frac{1}{2} = 77 \times 37 = 28$

Total dead load lbs 28,467

Plus accidental load at 120 lbs

per sq ft: $30 \times 10 \times 120 \text{ lbs} = 36,000$

Total weight in lbs 64,467

or 28.78 Tons.

$$R = \frac{W L}{C o K} = \frac{28.75 \times 30 \times \frac{15}{12}}{8 \times 10.66} = 121.5 \text{ sq in.}$$

According to table a section

18" x 7" weighing 78 lbs per

foot run is ample against

the tension of a built steel

girder of a section $30 \times 10 \frac{1}{2}$

weighing approximately 120 lbs

per foot run. But the

Manager of C.A.S. Office informs

me that it is proposed to

utilize the rejected girders

obtained for the Presidency

College, which was substituted

by wooden beams, owing to the

steel girders affecting mag-

netic instruments. These

rejected or surplus girders

are now proposed to be

utilized on this work.

This is no doubt
 the reason.

Wt are 18 girders
 wanted
 explained in para
 16

Particulars of Construction

Room below?

The store rooms for distained
 goods are to be built on concrete
 foundations to ground level 9 feet
 deep. The basement is to be raised
 3 feet and the superstructure walls
 18 feet and built of stock bricks
 in clay chumam with archwork
 over doors & windows. The interior
 surface of walls to be plastered
 with 2 coats of chumam and the
 exterior pointed with tar & as-
 phaltic composition. The floor is
 to be of Cuddapah slabs laid
 on a bed of concrete 4" thick. The
 roof is to be tenaced with bricks
 on edge to. Thru rafters & sup-
 ported on teak joists & steel
 built girders, spaced 10 feet
 apart. The doors & windows
 are to be of teakwood of the
 descriptions noted in the estim-
 ate and painted with 3 coats
 of oil paint.

Provision has been made for
 an iron railing enclosure in
 front of entrance doors 36 feet
 long, 9 feet wide & 4 1/2 feet high
 fitted with an iron gate 9 ft
 wide, as per detailed draw.

The nature of surface soil
 is stated to be made earth to
 a depth of 4 feet and sub soil
 sandy loam below.

The scantlings for roof
 timbers are correct.

The section proposed for the
 built steel girder viz. $30 \times 10 \frac{1}{2}$
 appears ~~light~~ too heavy, rolled

Relative of soil not
 stated on plan.

This refers to the concrete sheds,
 and wherever of the foundations
 will be in made earth though
 resting on natural soil.

No 2850 W of 8 Nov 1895

Public Works Department.

Current No. 7939

Letter No. 2072

Dated 7th October 1895

From the Judicial Department.

NOTE BY TECHNICAL SECTION.

Name of work Additions & improvements
to the Court of small causes, Madras.

Amount of Estimate Rs 26,900

The plans & estimate amounting
to Rs 26,900 have been framed with
reference to G.O. No. 1208 W dated
20th May 1895 and provide for the
following works:-

- (a) Constructing a detached building
for depositing distrained articles
in two compartments with open
arches between, each compart-
ment is to measure 30' x 60'
with front verandah as per
plan.
- (b) Constructing two sheds for at-
tached carriages within the
present stable yard, each mea-
suring 36' x 12'6" feet.
- (c) Flooring the cattle stalls with
granite slabs over 4" of concrete.
- (d) Providing & fixing 1" thick plate
glass in iron frames in the floors
of the four courts, in order to im-
prove the light in the clerks
room below.

T
Siphon in person
the

What protection is there
against persons walking
on the plate glass, perhaps
cracking it or even breaking
it and falling into the

No 2850 W of 8th Nov 1895 P.W.D.

Note by the Chief Engineer

30

The undersigned considers that wall plates under the joists to the store rooms and verandahs are desirable, and presumes that the made earth, in which the foundations for the covered sheds will be laid, is sufficiently consolidated so as to dispense with the necessity for additional depth.

2. The amount of the estimate has been reduced from Rs 27,140 to Rs 26,900 by the correction of clerical errors in the items "Plastering" and "Wrought iron work".

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E. W.

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Govt. of 18 Madras.

To

The Public Works Department

Proceedings, dated 8 October 1895,
No. 2072.

Subject.

Directing that the Chief Engineer's attention be drawn to the fact that Mr. Irvine would appear to have been responsible for the defective lighting of the Small Cause Court, Madras.

P. W. CURRENT No. 7939

Recd. 16.10.95

ku: 8⁺

(5 tracings)

No. 3123W 46-12-94 ✓
" 631W 16-3-95 ✓
" 1208W 20-5-95 ✓
" 932W 6-9-95 ✓
" 2758C 16-9-95 ✓
" 1021W 20-9-95 ✓

2. I have the honour to request the
Sanction of the Government to the carry-
-ing out of this work the need of which
is much felt.

Endorsement of the Public Works
Department, of 20th September 1895, No.
1021 D.

Order:- 7th October 1895, No. 2072.

The Chief Engineer's attention will
be drawn in the Public Works Depart-
-ment to the fact that Mr. Irwin
would appear to have been responsible
for the defective lighting of the Small
Cause Court, Madras.

[True Extract]

David Davidson
11-20
Ag. Under Secretary
for Chief Secretary

25

The Public Works Department,
with Plans & Estimates.

25

Judicial Department.



PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper:—

Again G.O. No. 932^{Judicial} dated 6th May 1895.

May 1895.

Read also the following

Endorsement of the Judicial Dept. of 26th August 1895, No. 1981, on the following letter from the Chief Judge Court of Small Causes, Madras, of 6th August 1895, No. 635.

I have the honour to forward herewith the Plans and Estimates for the required rectifications and additions to the premises of this Court, prepared by the Consulting Architect to Government. These plans have been carefully considered by me, with the Registrar and the Honorary Assistant to the Consulting Architect, Mr. J. H. Stephens, present, and after having had some small alterations and additions made to them, have been finally approved and countersigned by me.

Encls 7 (4 plans)

Recd: 3.8.95

Rev. J. S. 95

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Judicial DEPARTMENT.



Memorandum. N^o 1981.

Read the following

Letter from the Chief Judge, Court of Small Causes, Madras, of 6th August 1895 N^o 635. I have the honour to forward herewith the Plans and Estimates for the required rectifications and additions to the premises of this court, prepared by the Consulting Architect to Government. These plans have been carefully considered by me, with the Registrar, and the Honorary Assistant to the Consulting Architect, Mr. J. H. Stephens, present, and after having had some small alterations and additions made to them, have been finally approved and countersigned by me.

2. I have the honour to request the sanction of the Government to the carrying out of this work, the need of which is much felt.

Approved and transferred to the Public Works Department.

Doneel Davidson
24th
Ag: Under Secretary.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1895} Madras.
PUBLIC WORKS.

Dated November, 8th.

Recd.

Encl.

G.O. No. 2850 W., 8th Nov. 1895.

NOVEMBER.

Court of Small Causes
at Madras

Estimate of Rs. 26,900 for additions and improvements to the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

Memorandum in the Judicial Department, dated 26th August 1895, No. 1981.

G.O. No. 2072, Judicial, dated 7th October 1895.

Read—again the following paper :—

G.O. No. 932, Judicial, dated 6th May 1895.

Read—also the following papers :—

From the Chief Judge, Court of Small Causes, Madras, dated 6th August 1895, No. 635.

I have the honour to forward, herewith, the plans and estimates for the required rectifications and additions to the premises of this court, prepared by the Consulting Architect to Government. These plans have been carefully considered by me with the Registrar and the Honorary Assistant to the Consulting Architect Mr. J. H. Stephens, present, and after having had some small alterations and additions made to them, have been finally approved and countersigned by me.

I have the honour to request the sanction of the Government to the carrying out of this work, the need of which is much felt.

Endorsement of the Public Works Department, dated 20th September 1895, No. 1021 D.

Order—No. 2072, Judicial, dated 7th October 1895.

The Chief Engineer's attention will be drawn in the Public Works Department to the fact that Mr. Irwin would appear to have been responsible for the defective lighting of the Small Cause Court, Madras.

(True Extract.)

(Signed) L. DAVIDSON,
for Chief Secretary.

Note by the Chief Engineer, Public Works Department.

The undersigned considers that wall plates under the joists to the store-rooms and verandahs are desirable, and presumes that the made earth, in which the foundations for the covered sheds will be laid, is sufficiently consolidated so as to dispense with the necessity for additional depth.

2. The amount of the estimate has been reduced from Rs. 27,140 to Rs. 26,900 by the correction of clerical errors in the items "plastering" and "wrought iron work."

5th November 1895.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—No. 2850 W., dated 8th November 1895.

The estimate, amounting to Rs. 26,900, as altered by the Chief Engineer, Public Works Department, for additions and improvements to the Court of Small Causes at Madras, is sanctioned.

2. The Consulting Architect will report the amount that can be spent on the work during the current official year, and he will submit such explanation as he may have to offer with reference to the remark in the Government Order of 7th October 1895, above recorded.

3. Attention is drawn to the Chief Engineer's note printed with these Proceedings.

4. The sanction accorded in paragraph 1 has been registered as Provincial No. 76 W. of 1895-96, and classified as Civil Buildings, Original works.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Consulting Architect to Government, with eight enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1895} Madras.

PUBLIC WORKS.

Dated November, 8th.

Recd.

Encl.

G.O. No. 2850 W., 8th Nov. 1895.

NOVEMBER.

Court of Small Causes
at Madras

Estimate of Rs. 26,900 for additions and
improvements to the —, sanctioned with
remarks.