7TH NOVEMBER 1894, No. 2824 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

G.O., dated 31st August 1894, Mis. No. 3400, Revenue.

Read—the following Proceedings of the Board of Revenue (Separate Revenue), dated 19th August 1894, Mis. No. 3551:—

Read—the following letter from the Consulting Architect to the Government of Madras, dated 9th August 1894, No. 1328 :—

With reference to G.O. (Public Works Department), No. 686 W., dated 12th March 1894 (Revenue No. 945, Mis., dated 5th March 1894), passed on Board's Proceedings (Separate Revenue) of 8th February 1894, Mis. No. 567, I have the honour to submit herewith plan and estimate, amounting to Rs. 6,280, for proposed open iron shed to the west of the custom-house, Madras. The plan and estimate have been countersigned and returned by the Collector of Sea Customs with a request that they may be submitted to Government for sanction. I request therefore that you will be so good as to obtain the approval of the Board and submit the plan and estimate to Government for sanction.

Resolution—

Submitted for the sanction of Government with reference to G.O., Revenue Department, dated 5th March 1894, Mis. No. 945.

Order—dated 31st August 1894, Mis. No. 3400, Revenue.

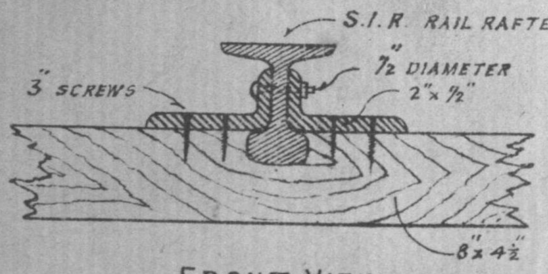
The plan and estimate are approved and will be transferred to the Public Works Department.

(True Extract.)

(Signed) E. GIBSON,
Ag. Secretary to Government.

Note by the Chief Engineer, Public Works Department.

The item of iron work has been incorrectly calculated. Allowing for this correction, the amount of the estimate will be reduced from Rs. 6,280 to Rs. 6,170.



FRONT VIEW

2. The method of fixing the end of the rail rafters to the teak bressummers has not been shown in detail, nor does any provision seem to be made in the estimate for the cost of the work. Angle iron clamps and bolts, as shown in the margin, might be used at the end of each rafter. The cost would come to something like Rs. 50.

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

Order—dated 7th November 1894, No. 2824 W., Public Works.

The estimate, amounting to Rs. 6,170, as altered by the Chief Engineer, Public Works Department, for constructing an iron shed west of the Sea Customs house, Madras, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 69 W. of 1894-95 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Consulting Architect to Government, with four enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. C. A. Munisawmy.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated November, 7th.

Recd. *Encl.*

G.O., 7th Nov. 1894, No. 2824 W.

NOVEMBER.

Iron Shed

Estimate of Rs. 6,170 for constructing an — west of the Sea Customs house, Madras, sanctioned for execution when funds are available.

1,000—27-6-93.

REVENUE DEPARTMENT.

Read the following papers:—
G.O. dated 31 Aug 1894, Mis. No. 3400 Rev

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Proceedings of the Board of Revenue, Separate Revenue, dated 19th August 1894, No. 3551 Mis. on the following letter from the Consulting Architect to the Government of Madras dated 9th August 1894, No. 1328:—

"With reference to G. O. (P. W. D.) No. 686 W. dated 12th March 1894 (Revenue No. 945 Mis dated 5th March 1894) passed on Board's Proceedings (Separate Revenue) of 8th February 1894 No. 567 Mis, I have the honor to submit herewith plan and estimate amounting to Rs 6,280 for proposed open iron shed to the west of the Custom House, Madras. The plan and estimate have been countersigned and returned by the Collector of Sea Customs, with a request that they may be submitted to Government for sanction. I request therefore that you will be so good as to obtain the approval of the Board and submit the plan and estimate to Government for sanction."

"**Resolution**, dated 19 Aug 1894, Mis. No. 3551

Submitted for the sanction of Government, with reference to Government order, Revenue Department dated

5th March 1894, No. 945 Mis.

Order thereon, 31st ~~March~~ August 1894, No. 3400 Mis

The plan and estimate are approved and will be transferred to the Public Works Department.

(True extract)

L. Gibson

Ag. Secretary to Govt.

To

The Public Works Department with 3 enclosures

- Board of Revenue, Sep. Rev.

Note

circulated to the Hon. Mr. Bliss in Bd.

F/21 —5,000—4-3-1893.

P. W. CURRENT No. 6694

No. 686 W d/ 12-3-94

Gobt. of {189~~3~~4} Madras.

REVENUE.

To

The Public Works Dept

Dated

Recd. in P.W. Dept. 4.9.94.

Regd. 6.9.94

Encl. ×54

×1/plan

Mis./~~R.~~ G.O., 31 August 189~~3~~4 No. 3400

SUBJECT.

Approving & transferring to the Public Works Dept plan & estimate for constructing an iron shed to the west of the Madras Custom House.

For examination

CWM 4/9 94 DW

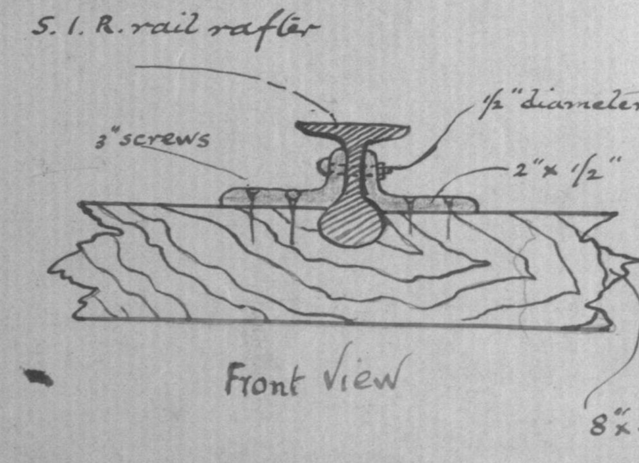
O.S.B

Note by the Chief Engineer P. W. Dept:—

30

The item of iron work has been incorrect calculated. Allowing for this correction, the amount of the estimate will be reduced from Rs ~~6230~~ 6280 to Rs 6170.

2. The method of fixing the end of the rail rafters to the teak bressummers has not been shewn in detail, nor does any provision seem to be made in the estimate for the cost of the work. Angle iron clamps and bolts as shewn in the margin might be used at the end of each rafter.



Front View

The

The cost would come
to something like Rs 50.

EW

C6893
1/10 54

C No 6694.

PUBLIC WORKS DEPT. ~~ORDERS~~,

~~Dated~~

T/ 2824W

I suppose the diagram
can be inserted by hand
in your branch after the
order is printed.

RWR
6/11

WL/ It cannot be inserted
by hand in all the Proceedings,
(about 90 copies) I would suggest
that the sketch be drawn on
transfer paper & sent to the
Survey office for insertion, oth
wise it will take much time

Complete the work by hand.

9.XI.94.

S.a.W.

May I be asked to arrange for having the diagram lithographed, please?

R.W.R.
8/11

Ow

for orders.

Cm
8/11/94

Ees
CWM
8/11 94

Cc 6694

note

No funds have been provided for this work in the current official year. The estimate may be sanctioned for execution when funds are available.

Cm
22/9/94

Ees
CWM
27/9 94

6694

& the other are a teak bressummer clamped & bolted to old M.R.C rail uprights. The rail uprights are to be bedded in brickwork & concrete for a depth of 5½ feet.

The rates are fair.

The amount of the estimate has been reduced from Rs 6280 to Rs 6170 owing to an error in the item of iron work.

The plinth area of the shed is 6000 sq ft. & the cost will be Rs 1-0-5 per sq ft.

The method of fixing the end of the S.I.R rail rafters to the teak bressummer has not been shown in detail, nor has any provision been made in the estimate for fixing the same. It is thought, subject to approval, that an arrangement somewhat as per sketch in the margin would suit the purpose. If this be approved, the amount of the estimate will be exceeded by Rs 25, as per following calculation.

Angle iron clamps & bolts say at every other× rafter end in junction with the wooden bressummer.

	Rs
Angle iron clamps 2×30×5"×(2"×½") = 25 ft × 3·34 lbs =	83·50
½" diat. bolts with nuts 30×4" = 10'×0·656 =	6·56
Total lbs	90·06

90·06 lbs of wrought iron at 0-3-0 per lb =	Rs 17.
120 screws 3" long at 0-4-0 per doz —	3
Drilling 30 holes ½" diat. at rafter ends.	5
Total additional cost Rs	25.

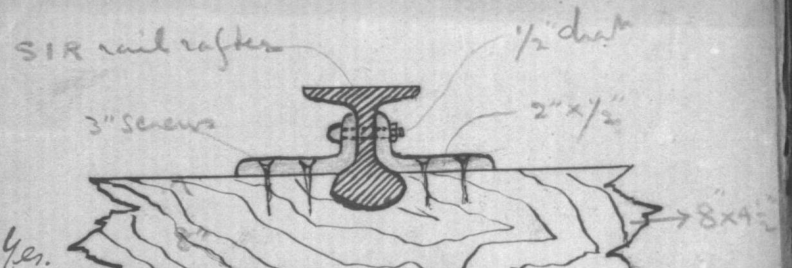
The plans & estimate have been countersigned by the Collector Sea Customs & approved in the Revenue Dept.

Yes. This will do very well

× At every rafter I think.

or Rs 50 if used for every rafter

2822



Front view.

DW

For orders.

22/9/94

CWM 27/9/94

No: 2824 W d/ 7th November 1894

Public Works Department.

Current No. 6694

Letter No. 3400.

Dated 31st August 1894

From the Revenue Department.

Note by Technical Section.

Name of work Constructing an iron shed west of the Sea Customs house. Madras.

Amount of Estimate Rs 6,170

This estimate has been framed with reference to G. O. No. 686 W dated 12th March 1894 & provides for constructing an open shed along the west side of the Sea Customs house at Madras.

The shed is to be 300 feet long & 20 feet wide. The floor is to be raised 2' 6" above the road with ramps at the 3 gateways as shewn on plan & gravelled. The retaining walls are to be 2 feet high above ground level & to be surmounted with a coping of cut stone 6 inches high making total height of retaining wall 2' 6" above road level, this wall is to be built on a foundation of concrete 2 feet in depth & one foot of brickwork above, the roof is to be of corrugated iron well secured to 5 teak purlins, spaced 5 feet apart & bolted to S. I. R rails forming the rafters, one end of this rail rafter is to be let into the existing walls of the godowns & the

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B. O. Civil Works

Public Works Department.

No: 2824 W d/ 7th November 1894.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Proceedings, Revenue deptt (H. E. No. 3400 d/ 31/8/94)

Note by the Chief Engr P.W.D. (" " d/)

W 4 Nov

The estimate amounting to Rs 6,170 as altered by the Chief Engineer P. W. Dept. for constructing an iron shed, west of the Sea Customs House, Madras, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No 69 W of 1894-95 and classified as Civil Buildings, Original Works.

DESPATCHED
4 DEC. 94

To,

The Consg Architect to Govt with 4 enclos:

" Exr P.W. Accts

" Revenue deptt

(40—1,000—21-4-94.)

H.E.
on return

Estimate for an
Iron Shed & the work
of the Custom
House, Madras

I/B
CAL

W. Madras

CHB
2/8
BW

H.E. 1/11

5.

existing walls of the godowns & the

No. 6694

Govt. of {1894 Madras.

PUBLIC WORKS.

Dates 11/10/94

Recd.

Encl.

G.O., 7/11 1894, No. 2824W

Iron shed

Estimate of Rs 6170 for constructing an —, west of the Sea-Customs House, Madras, sanc=tioned for execution when funds are available

110/6

10-11

T.C.C.
10/11

19—2,000—93.