

(1) Number of pages _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 872

612-618

Press

Min.

Dated 30-3-1865.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
30th March 1865.*

No. 617. Read the following Endorsement of the Superintending Engineer, 4th Division, dated Madras, 23rd March 1865, No. 6,161:—

Read the following letter from Captain T. BECKLEY, R. E., Acting Executive Engineer, Presidency, to Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, dated Madras, 10th February 1865, No. 702.

SIR,

1. In the sanctioned estimate for the Presidency Workshop and Store, common glass for the windows was allowed for, but on further consideration it appeared to me that such glass as is in general use in Madras was altogether unsuitable for the purpose.

1 Tracing plan
1 Demi-official letter, dated 9th February 1865

2. The following occur to me as the chief objections, the whole appearance of the front of the building would be much marred by filling in such large window frames with small frames of glass. Common thin glass is liable to be constantly broken, a matter of great importance in a Workshop, as the fine dust always blowing about Madras is very damaging to machinery; the glass would be liable to be blown out in heavy gales of wind, and lastly, the windows would admit too much light.

3. Now comes the question of expense. for the entire building 3,526 square feet of glass are required, the cost of the common glass as per estimate $\frac{1}{16}$ th thick would be 4 Annas per foot, total Rupees 881 $\frac{1}{2}$. Rough plate-glass is not obtainable in Madras in any quantity, and is exorbitantly dear, but I could get it from Chance & Co. of Birmingham at Rupees 1-6-0 per foot, including charge of freight, insurance, &c., the entire cost would therefore be Rupees 4,848 $\frac{1}{2}$, deducting Rupees 881 $\frac{1}{2}$ the amount requiring sanction is, in round numbers, 3,970 Rupees.

4. As the estimate is a large one, Rupees 76,390, this extra charge might be met out of the limited excess of 5 per cent.

1. Submitted to Government for orders.

2. It is understood that the General Superintendent, Public Works Stores and Workshops, concurs in the advisableness of using the kind of glass proposed by Captain Beckley.

3. The enhanced cost being in excess of 5 per cent, requires the sanction of Government, which is hereby solicited, as also, as a special case, permission for the Executive Engineer to arrange direct with Messrs. Chance & Co. for the supply of the required article.

(Signed) A. J. M. BOILEAU, Colonel, R. E.,
Superintending Engineer, 4th Division.

No. 618. ORDER THEREON, 30th March 1865, No. 872.

The Governor in Council approves of the substitution of rough plate-glass for common glass in the windows of the Presidency Stores and Workshops now under construction at Chepauk,

(True Extract.)

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

To the Superintending Engineer, 4th Division.

„ Controller of Public Works Accounts.

„ Accountant General.

Exd. S. T. Augustin.

N^o 702.

Pres. Eng^r Office
Madras 10th February 1865.

From,

The Asst. Executive Engineer
Presidency

To, The Superintending Engineer
H. D. N.

Sir,

Enclosures. 2.

viz.

1. Framing Plan

1. Demi Appl.

Letter of 9th

February 1865.

In the sanctioned estimate for the Presidency Workshop and there common glass for the windows was allowed for, but on further consideration it appeared to me that such glass as is in general use in Madras was altogether unsuitable for the purpose.

2. The following occur to me as the chief objections: the whole appearance of the front of the Building would be much marred by filling in such large window frames with small panes of glass. Common thin glass is liable to be constantly broken a matter of great importance in a workshop as the fine dust always blowing about Madras is very damaging to machinery. the glass would be liable to be blown out in heavy gales of wind. and lastly the windows would admit too much light.

Now

2. Now comes the question of expense, for the entire building. 3526 sq. feet of glass are required. the cost of the Common glass as per Estimate 1/8" thick would be 4 Annas per foot total Rupees 881 1/2. Rough plate glass is not obtainable in Madras in any quantity and is exorbitantly dear but I could get it from Chance & Co of Birmingham at Rs. 6. per foot including charge of freight, insurance & so the entire cost would therefore be Rs. 4848 1/4 deducting Rs. 881 1/2 the amount requiring sanction is in round numbers 3970 Rs.

4. As the Estimate is a large one Rupees 40390. this extra charge might be met out of the limited excess of 5 per cent.

7645
3720

I have the honor to be

Sir,

Your most obedient servant

J. Buckley Captain
R.E.

N^o 6161. Ag Executive Engg Off.

Submitted to Government for orders.

2. It is understood that the Genl. Supt. P. W. Stores & Workshops concurs in the advisableness of using the kind of glass proposed by Capt Buckley.

3. The enhanced cost being in excess of 5 per cent requires the sanction of Govt., which is hereby solicited, as also, as a special case, permission for the Ex. Engg. to arrange direct with Messrs Chance & Co for the supply of the required article
C. S. M. & S. & Co. 23, Strand, London
Bureau of R.E.
Super. Office

From
The Asy. Engrs. Engrs.
Presidency
To, The Asy. Engrs.
London

Dated 10th }
Recd 13 } February 1860

Engrs. 2.

Recommends Rough
Plate Glass for the windows
of the Dry Workshops and
Store and gives his ob-
jections to using com-
mon glass generally used
in Madras.

