

Government of Madras.

EDUCATIONAL DEPARTMENT.

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1913.

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G.O. No. 380, 28th April 1913.

**Building Grant.**

Sanctioning a grant of Rs. 29,050 for the construction of a building for the Fort girls' high school, Trichinopoly.

# Government of Madras.

EDUCATIONAL DEPARTMENT.

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G.O. No. 380, 28th April 1913.

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## Building Grant.

Sanctioning a grant of Rs. 29,050 for the construction of a building for the Fort girls' high school, Trichinopoly.

## GOVERNMENT OF MADRAS.

## EDUCATIONAL DEPARTMENT.

Read—the following papers :—

## I

Ref. on Cur. No. 4864, dated 13th July 1912.

[Application from the authorities of the Fort Girls' high school, Trichinopoly, for a grant towards the cost of construction of a building for the school.]

Submitted to Government, Educational, and recommended that a grant of Rupees 25,000 may be sanctioned to be paid when funds are available.

2. The plans and estimates are enclosed.

A. G. BOURNE,  
Director of Public Instruction.

## ENCLOSURE.

*Explanation of the plan.*

## (i)

The double storied building marked No. 1 in the plan is intended mainly for the secondary department. Its 12 rooms, measuring on an average 20' x 20', will provide accommodation for the six classes of the secondary department and for the IV standard, for the office of the headmistress, the laboratory and museum, the library and teachers' room, two rooms being set apart as the residence of the two European nuns, who are to live habitually as matrons within the precincts of the boarding house. Each class room is intended to provide for some 30 to 40 pupils.

## (ii)

The building marked No. 2 in the plan, measuring 100' x 36', will provide accommodation for the dormitory and the refectory of some 100 boarders.

## (iii)

The building marked No. 3 in the plan, and measuring 157' x 24', will make provision for all the requirements of the boarders as follows :—

- (a) Infirmary for contagious diseases.
- (b) Ordinary infirmary.
- (c) Kitchens.
- (d) Store room.
- (e) Tiffin room for the European staff.
- (f) Tiffin room for the native mistresses.
- (g, h, i) Tiffin rooms for the day scholars.

## (iv)

Four different sets for latrine and bath room accommodation are provided, one for the girls (No. 4 in the plan), two for the European and native staffs respectively (Nos. 5 and 6), and one for the boarders during night (No. 7).

## II

Memorandum No. 1961-2, Educational, dated 26th July 1912.

With reference to the Director of Public Instruction's letter R.O.C. No. 4864, dated 13th July 1912, recommending the payment of a grant of Rs. 25,000 to the Fort girls' high school, Trichinopoly, the Government observe that the plans and estimates submitted by the Director have not been prepared by a competent person as required by G.O. No. 672, Educational, dated 21st September 1908. They are defective in several respects and the following points illustrate a few of them :—

- (i) the design of the trusses is wrong;
- (ii) neither is the position of the trusses nor that of the girders shown in the plan;
- (iii) except for the timber joists and rafters, calculations for steel work and wood work have not been furnished; nor have the joists and rafters been dimensioned as required by circular memorandum No. 234-C, dated 9th January 1908;
- (iv) the use of 2" and 4" pipes for verandah posts and columns, respectively, is a method of construction which is not recommended; and
- (v) the nature of soil and sub-soil has not been described and pressures have not been calculated.

2. The Director of Public Instruction is requested to have the plans and estimates thoroughly revised by a competent person and resubmitted at an early date.

(By Order.)

M. S. MASCARENHAS,  
Under Secretary to Government.

To the Director of Public Instruction, with plans and estimates.

## III

Letter—from the Correspondent, R.C. Fort girls' high school, Trichinopoly.

To—the Inspectress of Girls' Schools, Southern Circle.

Dated—the 23rd November 1912.

No.—N.B. 55.

I have the honour to inform you that your wire, dated 23rd November, duly reached Trichinopoly, but as I was on a business tour through the Rāmnād and Madura districts, I heard of its arrival at Madura only. I at once returned to Trichinopoly and reached the place yesterday night. With regard to the plans of the buildings for the Fort girls' school, I am sorry to say I have been sadly disappointed. I had entrusted them to the Government Superintending Engineer of the VI Circle, who had kindly promised to have them made at an early date and to sign them himself. I have been urging him again and again, but have not yet received the plans. I am really grateful to see how anxious you are to help us in this affair and I am no less anxious to send you the plans as soon as possible. As I am not in a position to urge the Superintending Engineer as much as I should like to do, I request you kindly to excuse the delay.

R.O.C. No. 1045, dated 1st December 1912.

Copy submitted to the Director of Public Instruction with reference to Proceedings, Ref. on Cur. No. 4864, dated 7th August 1912, and in continuation of this office letter R.O.C. No. 1045, dated 23rd November 1912.

V. R. VENKATARAMA AIYAR,  
Asst. Inspector of Schools, Coimbatore district  
in charge of the office of the Inspectress, Southern Circle.

**Ref. on Cur. No. 4864, dated 16th December 1912.**

Submitted to Government with reference to Memorandum No. 1961-2, Educational, dated 26th July 1912.

A. G. BOURNE,  
Director of Public Instruction.

**IV****N. Ref. on Cur. No. 4864/12, dated 29th January 1913.**

The original and revised plans and estimates of the Fort girls' high school, Trichinopoly, are resubmitted to Government with reference to their memorandum No. 1961-2, Educational, dated 26th July 1912.

A. G. BOURNE,  
Director of Public Instruction.

To the Secretary to Government, Educational Department.

**V****Note by the Chief Engineer, Public Works Department, No. 3337-C., dated 15th April 1913.**

The Director of Public Instruction submits through the Educational Department a detailed estimate amounting to Rs. 57,363 and two plans in connection with a grant-in-aid towards the cost of constructing the Fort girls' high school at Trichinopoly.

The particulars of the estimate are as follows:—

|                                                                                                    | RS.           |
|----------------------------------------------------------------------------------------------------|---------------|
| (1) Main building (school block, dormitories) and matron's rooms ..                                | 37,443        |
| (2) Out-buildings consisting of kitchen, tiffin rooms, and store rooms and covered passage .. .. . | 9,350         |
| (3) Subsidiary buildings consisting of —                                                           |               |
| Bath rooms and privy .. .. .                                                                       | 300           |
| Corrugated iron latrine .. .. .                                                                    | 600           |
| Compound wall .. .. .                                                                              | 450           |
| Wire fencing .. .. .                                                                               | 250           |
| Porter's room .. .. .                                                                              | 350           |
| (4) Water taps .. .. .                                                                             | 300           |
| (5) Land compensation .. .. .                                                                      | 7,500         |
| (6) Forming roads, etc. .. .. .                                                                    | 320           |
| (7) Filling the compound with 9" sand .. .. .                                                      | 500           |
| <b>Total ..</b>                                                                                    | <b>57,363</b> |

II. The plans and estimate have been scrutinized in the Chief Engineer's office and the following alterations have been made:—

(1) Altering the sizes of the rolled steel girders, floor and roof timbers as figured on the plan and in the estimate.

(2) Substituting 4" × 4" teak posts for 2½" iron pipes to support the roofs of the covered passage and verandah roofs of out-houses.

(3) Providing iron rods ¾" in diameter for tying the feet of the alternate rafters supporting the roofs of out-houses in addition to the wooden collar 2" × 3½".

By these alterations the amount of the estimate has been increased from Rs. 57,363 to Rs. 58,100.

III. The pitch of verandah roof (main building first floor) is insufficient for tiles. Either the main roof may be continued over verandah which involves the omission of clerestorey windows, or the upper verandah may be redesigned with a terraced roof.

IV. It is recommended that the sunshades over windows should consist of Mangalore tiles supported on wooden frames instead of corrugated iron sheets. The amount of the estimate will not be exceeded on this account.

V. Rolled steel girders may with advantage be substituted for teak wood beams to support the roofs of dormitories, thus:—

R.S.J. 15" × 5" at 42 lb. for teak beams 9" × 15" in room marked I on the plan.

R.S.J. 10" × 5" at 30 lb for teak beams 8" × 12" in room marked II on the plan.

There would in this case be a saving of about Rs. 200.

VI. The rates for roofs and terrace floors appear to be low.

VII. The Superintending Engineer should satisfy himself as to the suitability of foundations and as to the necessity for the damp course, the omission of which would entail a saving of about Rs. 140.

VIII. With these remarks the estimate, as altered by the Chief Engineer, amounting to Rs. 58,100 is recommended for approval.

C. A. SMITH,  
Chief Engineer, P.W.D.

**Order—No. 380, Educational, dated 28th April 1913.**

The Government are pleased to sanction a grant not exceeding one-half of the actual expenditure, or Rs. 29,050, towards the cost of construction of a building for the Fort girls' high school at Trichinopoly, subject to the following conditions:—

(1) that in carrying out the work the suggestions of the Chief Engineer in his note read above are adopted; and

(2) that all the conditions prescribed in the Grant-in-Aid Code have been duly complied with.

2. On the above conditions being fulfilled the grant will be paid as funds become available.

(True Extract.)

L. DAVIDSON,  
Ag. Secretary to Government.

To the Director of Public Instruction, with application, plans, estimates and Chief Engineer's note.

" Accountant-General.  
" Public Works Department.  
Editors' Table (Order only).

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O. No. 380, EDUCATIONAL,  
DATED 28TH APRIL 1913.

[SUBJECT.—*Building grant of Rs. 25,000 for the Fort Girls' High School, Trichinopoly.*]

*From the Director of Public Instruction, dated 13th July 1912, No. 4864.*

The plans and estimates may be forwarded to the Public Works Department for scrutiny in the first instance.

P.R.—18-7-12.

C. RAMANUJACHARI—18-7-12.

M. S. MASCARENHAS—18-7-12.

*To the Public Works Department.*

PUBLIC WORKS DEPARTMENT.

These plans and estimates have evidently been prepared by some person who knows very little about such work. They had better be thoroughly revised by some competent person and then resubmitted.

The design of the trusses is wrong, and their position is not shown on plan, nor is the position of the girders shown. No calculation for steel work and wood work have been submitted, except for the timber joists and rafters. These have not been dimensioned as required by Circular No. 234 C., dated 9th January 1908. The use of 2" and 4" pipes for verandah post and columns respectively is a method of construction which is not recommended. Soil and sub-soil should be described and pressures calculated. These are merely some of the points which require looking into.

W. G. MOLESWORTH—23-7-12.

*To the Educational Department.*

EDUCATIONAL DEPARTMENT.

A draft memorandum is submitted for approval.

P.R.—26-7-12.

C.R.—26-7-12.

M. S. MASCARENHAS—26-7-12.

[Memorandum No. 1961-2, Educational, dated 26th July 1912.]

*From the Director of Public Instruction, dated 29th January 1912, No. 4864.*

The revised plans and estimates now submitted by the Director of Public Instruction may be forwarded to the Public Works Department for scrutiny.

M.R.—1-2-13.

C.R.—3-2-13.

T. E. MOIR—4-2-13.

*To the Public Works Department.*

No. 380, EDUCATIONAL, 28TH APRIL 1913.

*Note by the Chief Engineer, Public Works Department, dated 15th April 1913.*

The plans and estimates have been scrutinised in the Chief Engineer's office and the remarks thereon are embodied in the Chief Engineer's note read above. With the note, the file may be returned to Educational.

R.K.—9-4-13.

D. MARSHALL—10-4-13.

*To the Educational Department.*

A draft order is submitted for approval.

C.R.—25-4-13.

L. DAVIDSON—26-4-13.

[ G O. No. 380, Educational, dated 28th April 1913.]

READ AGAIN G.O., No. \_\_\_\_\_, dated \_\_\_\_\_, 19\_\_\_\_

” ” ” ” ..... ” ..... 19

READ ALSO:—

C. No. 1161, From the 50-3, No. 4864/12, dated 13-7- 1912

27 303 28 29 4864/12 29-1-1913

” ” ..... ” ” ..... ” ..... ” ..... 19

Note by the Chief Engineer, " *msd* ", " 3337-C ", " 15-4-1913 "

O R D E R .

No. 380 Sol dated 28. 4. 1943

THE Government are pleased to sanction a grant not exceeding one-half of the actual expenditure, nor ex-

ceeding Rs. 29,050 . . . . . towards the cost of

construction of a building for the Forest  
girls' high school at Trichinopoly,  
subject to the following conditions:—

- (1) That in carrying out the work the suggestions of the Chief Engineer in his note read above are adopted; and
- (2) that the work is completed before the \_\_\_\_\_;
- (3) that a certificate of the actual expenditure incurred on the work is submitted before the \_\_\_\_\_;
- (4) that all other conditions prescribed in the Grant-in-aid Code have been duly complied with.

2. On the above conditions being fulfilled the grant will be paid as funds become available.

PP  
25.4.13

Ca  
25/4/13

Ed.  
Fr.

To 100  
The Director of Public Instruction with plans and estimates of 1900  
" Accountant-General.

✓  
1/2 (original) ✓

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*school, Trichur District.*

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