

Government of Madras. D

EDUCATIONAL DEPARTMENT.

Recd.

Regd.

} 1913.

Enclosures

Spare copies

G.O. No. 33, 11th January 1913.

Building Grant.

Sanctioning a grant, not exceeding Rs. 5,400, towards the cost of construction of an additional building for the S.P.G. High School, Rāmnād.

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GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

I

Letter—from the Hon'ble Mr. J. H. STONE, M.A., F.R.H.S., Acting Director of Public Instruction, Madras.
To—the Secretary to Government, Educational Department.
Dated—the 16th August 1911.
No.—Ref. on Cur. 3837.

I have the honour to submit the enclosed plans with estimates amounting to Rs. 10,052 for the construction of an additional building for the S.P.G. High School, Rāmnād, and to recommend that a third grant of Rs. 3,350 may be sanctioned under Rule 51 of the Grant-in-aid Code.

2. The present accommodation having been found insufficient, the construction of the proposed building was suggested to the management by this department.

II

Memorandum No. 2011-2, Educational, dated 26th September 1911.

With reference to his letter R.O.C. No. 3837, dated 16th August 1911, submitting an application for grant towards the construction of an additional building for the S.P.G. High School, Rāmnād, the Director of Public Instruction is informed that the plans and estimates forwarded therewith are defective in the following particulars :—

- (1) The drawings are badly drawn and are incomplete.
- (2) The nature of the roofing material is not specified, that is, whether Mangalore tiles or flat and pan tiles are to be used or whether the roof is to be thatched. The roof of the verandah is described as "sloping terrace" and apparently includes the wood-work. No mention having been made of any scantlings for this portion of the building, no check can be made as to their correct size.
- (3) The plan does not show correctly the position of the trusses but apparently they come over doors and windows. The scantlings proposed for these trusses, whatever may be the roof covering to be used, are incorrect. The palmyrah rafters for the main roof are included in the rate for roofing; but as they are not shown in the plan, their spacing cannot be checked.

2. The Director of Public Instruction is requested to obtain and submit to Government complete plans and specifications in the light of the foregoing remarks.

(By Order.)

M. S. MASCARENHAS,
 Under Secretary to Government.

To the Director of Public Instruction with plans and estimates.

III

Letter—from the Correspondent, S.P.G. High School, Rāmnād.
To—the Director of Public Instruction.
Dated—the 25th April 1912.
No.—278.

In accordance with your Proceedings Dis. No. 2935 of 1912, dated 19th April 1912, I have herein enclosed an application for grant for a new block of building. Of the six rooms that are to be erected, four will be used as class rooms, one as library and masters' room, and the other as office. The maximum number of scholars

provided for in each room is 40. I have the honour to state that the funds at my disposal will, when added to the grant applied for, be sufficient to meet the full cost of the work.

Ref. on Cur. No. 3837/11, dated 18th May 1912.

Submitted to Government with reference to Memorandum No. 2011-2, Educational, dated 26th September 1911.

2. The revised plans and estimates were received after repeated reminders on the 17th instant.

A. G. BOURNE,
 Director of Public Instruction.

IV

Memorandum No. 1493-2, Educational, dated 22nd July 1912.

The revised plans and estimates for the construction of an additional building for the S.P.G. High School, Rāmnād, submitted with the Director's letter R.O.C. No. 3837/11, dated 18th May 1912, are found to be defective in many respects. The discrepancies, errors and omissions which have been noticed in the course of the scrutiny are shown in the annexure to this memorandum with the modification suggested by the Chief Engineer noted against each. The Director of Public Instruction is requested to have the plans and estimates revised in accordance with the Chief Engineer's suggestions and to submit them to Government at an early date.

(By Order.)

M. S. MASCARENHAS,
 Under Secretary to Government.

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

ANNEXURE.

Discrepancies, errors or omissions in plan and estimate.	Suggestions of the Chief Engineer.
(1) <i>Verandah</i> .—Retaining walls 2' 3" thick.	1' 1½" thick.
(2) <i>Steps</i> .—Outstone to the full width and height as shown in figure 1.	To be as shown in figure II.
(3) <i>Verandah roof</i> .—Bengal terrace, supported on 1' 6" round brick pillars 16' apart and rolled steel joists as bressummers.	Teak wood pillars 4" square at about 8 ft. intervals with teak bressummers 4" x 6".
(4) Iron trusses for main roof (20 feet span), pan tiles, palmyrah rafter and palmyrah reepers, 15 ft. apart teak wood 8" x 6" purlins and 12" x 8" teak, for ridge piece. (Wrongly shown in plan and imperfectly provided for in estimate).	Ordinary teak wood trusses at about 7½ ft. intervals as shown in pencil in the tracing with teak purlins and ridge piece in moderately proportioned scantlings. Rafters may be palmyrah but reepers must be teak.
(5) <i>Teak wood partition with frames and planking</i> at Rs. 20 per 100 square feet.	Rate very low. Quantities to be taken properly and priced at teak wood rates.
(6) <i>Hip rafters for main and verandah roof</i> .—omitted.	Should be provided.
(7) <i>Verandah rafters</i> are simply let into the walls and not fixed to any purlin or wall plate.	Rafters to be supported on purlins resting on stone corbels fixed in walls as in figure III.
(8) <i>Interior walls (cross) of end rooms</i> . (a) Gables omitted.	These may be necessary as the rooms are intended for office and teachers.
(b) Two windows provided opening into class rooms.	Unnecessary. Must either be omitted or doors provided in their places.
(9) <i>Ventilators</i> .—32 No.	To be reduced in number so that there is one ventilator over each doorway in external walls.

V

Letter—from the Correspondent, S.P.G. High School, Rāmnād.
 To—the Director of Public Instruction.
 Dated—the 7th October 1912.
 No.—424.

In accordance with your Proceedings R.O.C. No. 3837/11, dated 4th October 1912, I have the honour to state that the estimate herein enclosed has been revised in the light of the suggestions made by the Chief Engineer to the Government of Madras. The plan that was then submitted along with the revised estimate through the Inspector of Schools, VII Circle, Madura, was also revised according to the suggestions made by the Chief Engineer.

R. C. No. 3837/11, dated 6th November 1912.

Submitted to Government with reference to Memorandum No. 1493-2, Educational, dated 22nd July 1912.

2. The revised plans and estimates are enclosed.

A. G. BOURNE,
 Director of Public Instruction.

VI

**Note by the Chief Engineer, Public Works Department, No. 71-C,
 dated 3rd January 1913.**

The Director of Public Instruction submits for sanction an estimate amounting to Rs. 10,860 and two plans for constructing an additional building for the S.P.G. High School, Rāmnād.

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

- (1) Re-arranging the trusses so that they may not rest directly over clere-storey windows.
- (2) Providing stone templates for bearings of trusses.
- (3) Reducing the sizes of stone corbels supporting verandah purlins from 1' 6" × 1' 0" to 0' 6" × 0' 9".
- (4) Altering the sizes of roof timbers as figured in the plan and estimate.

3. By these alterations the amount of the estimate has been reduced from Rs. 10,860 to Rs. 10,800.

4. The Superintending Engineer should satisfy himself about the suitability of the foundations.

5. With these remarks the estimate as altered by the Chief Engineer amounting to Rs. 10,800 is recommended for sanction.

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

Order—No. 33, Educational, dated 11th January 1913.

The Government are pleased to sanction a grant not exceeding one-half of the actual expenditure nor Rs. 5,400 towards the cost of construction of an additional building for the S.P.G. High School, Rāmnād, 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 plans, estimates
 and Chief Engineer's note.
 „ Accountant-General.
 „ Public Works Department.
 Editors' Table (Order only).

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O. No. 33, EDUCATIONAL, DATED
11TH JANUARY 1913.

[SUBJECT.—*Application for a grant of Rs. 3,350 in aid of constructing an additional building for the S.P.G. High school, Rāmūd.*]

From the Director of Public Instruction, dated 16th August 1911, No. 3837.

The plans and estimate may be forwarded to the Public Works Department u.o. for scrutiny.

2. That department may be requested also to state the time required for the completion of the building.

P.R.—20-8-11.

K. RANGASWAMI AIYANGAR—21-8-11.

M. S. MASCARENHAS—21-8-11.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

It is observed that the drawings are very badly drawn and are very incomplete.

2. The nature of the roofing material is not stated, *i.e.*, whether Mangalore tiles, thatch, flat and fan tiles, etc., etc.

3. The roof for the verandah is described as "sloping terrace," and apparently includes the woodwork as there is no mention of any scantlings for this portion of the building, and consequently no check can be made as to their correct size.

4. The plan does not show correctly the position of the trusses, but they apparently come over doors and windows. The scantlings proposed for these trusses whatever may be the roof covering to be used, are incorrect.

5. The palmyrah rafters for the main roof are included in the rate for roofing, but as they are not shown on the plan their spacing cannot be checked.

6. In the above circumstances, the file is returned to Educational with the request that more complete plans and specifications may be obtained so that the estimate may be efficiently scrutinized.

R.K.—7-9-11.

P. HAWKINS—7-9-11.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

A draft memorandum is submitted for approval.

P.R.—23-9-11.

K. RANGASWAMI AIYANGAR—24-9-11.

M. S. MASCARENHAS—25-10-11.

[Memorandum No. 2011-2, Educational, dated 26th September 1911.]

From the Director of Public Instruction, dated 18th May 1912, No. 3837.

The revised plans and estimates now received may be forwarded to the Public Works Department u.o. with reference to that department's note on the previous page.

P.R.—23-5-12.

C. RAMANUJACHARI—28-5-12.

M. S. MASCARENHAS—29-5-12.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

The plan and the estimate now revised are full of discrepancies, errors and omissions. These are shown in the statement below together with suggestions for modification :—

In plan and estimate.	Now proposed.
(1) <i>Verandah-retaining walls</i> 2' 3" thick.	1' 1½" thick.
(2) <i>Steps</i> —cutstone to the full width and height as shown in figure I.	To be as shown in figure II.
(3) <i>Verandah roof</i> —Bengal terrace, supported on 1' 6" round brick pillars 16 feet apart and rolled steel joists as bressummers.	Teak wood pillars 4" square at about 8 feet intervals with teak bressummers 4" × 6".
(4) <i>Iron trusses for main roof</i> (20 feet span) pan files, palmyrah rafters and palmyrah reepers, 15 feet apart, teak-wood 8" × 6", purlins and 12" × 8" teak for ridge piece. (Wrongly shown in plan and imperfectly provided for in estimate).	Ordinary teak-wood trusses at about 7½ feet intervals as shown in pencil in the tracing with teak purlins and ridge piece in moderately proportioned scantlings. Rafters may be palmyrah but reepers must be teak.
(5) <i>Teakwood partition with frames and planking</i> at Rs. 20 per 100 square feet.	Rate very low. Quantities to be taken properly and priced at teakwood rates.
(6) <i>Hip rafters for main and verandah roof</i> —omitted.	Should be provided.
(7) <i>Verandah rafters</i> are simply let into the walls and not fixed to any purlin or wall plate.	Rafters to be supported on purlins resting on stone corbes fixed in walls as in figure III.
(8) <i>Interior walls (cross) of end rooms</i> — (a) Gables omitted	These may be necessary as the rooms are intended for office and teachers.
(b) Two windows provided opening into class rooms.	Unnecessary. Must either be omitted or door provided in their places.
(9) <i>Ventilators</i> —No. 32	To be reduced in number, so that there is one ventilator over each doorway in external walls.

2. The plan and estimate may be returned to the Director of Public Instruction for revision in accordance with the above remarks.

The case may be returned to Educational u.o. for necessary action.

M.K.T.—18-7-12.

W. G. MOLESWORTH—18-7-12.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

A draft memorandum is submitted for approval.

P.R.—20-7-12.

C. RAMANUJACHARI—20-7-12.

M. S. MASCARENHAS—20-7-12.

[Memorandum No. 1493-2, dated 22nd July 1912.]

From the Director of Public Instruction, dated 6th November 1912, R.C. No. 3837.

The revised plans and estimates now received may be forwarded to the Public Works Department with reference to paragraph 2 of that department's note above.

P.R.—11-11-12.

C. RAMANUJACHARI—12-11-12.

M. S. MASCARENHAS—12-11-12.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

Note by the Chief Engineer, Public Works Department, dated 28th December 1912.

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

R.K.—23-12-12.

T.S.R.—23-12-12.

C. A. SMITH—25-12-12.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

A draft order is submitted for approval. It proposes to sanction a half-grant under the revised rules while the one-third grant recommended by the Director of Public Instruction was so long ago as 1911. Though no doubt the Director of Public Instruction recommended a third grant at a time when the rule permitted only that rate as the maximum, it appears to be safer to consult the Director of Public Instruction u.o. whether he would now recommend a half grant, before orders to that effect are issued by Government. The Director did not refer to the question of raising the amount of grant when he submitted the revised plans and estimates to Government in November last.

P.R.—7-1-13.

C. RAMANUJACHARI—9-1-13.

No need to differentiate against this institution. One-half may be given.

L. DAVIDSON—10-1-13.

[G.O. No. 33, Educational, dated 11th January 1913.]

500—21-12-11

READ ALSO:—

ORDER.

No. 33, dated 11-1-1913

ceding Rs. 5,400 ————— towards the cost of
Construction of an additional building for
the S. P. G. high school, Ramnad,
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

077
7-1-13

To
The Director of Public Instruction with plans and estimates. ✓ ✓ ✓ ✓
" Accountant-General. ✓ ✓ ✓ ✓
" P.W.D. ✓ ✓ ✓ ✓
ST (order only)

ORDINARY.

PREFERENCE.

URGENT (a).

EDUCATIONAL
LEGISLATIVE DEPARTMENT.

Current No....., dated.....190 .

G.O., No...33....., dated13.....190 .

Number of MS. pages sent { Correspondence including order or orders
(b¹)
Notes.....

Docket... Building grant. Sanctioning a grant
not exceeding Rs. 400 towards the cost of
construction of an additional building for
the S. P. G. High school. Ramanad.

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(b) Each letter, memorandum, or order, or set of orders, in the file of correspondence should be headed in succession with the Roman numeral I, II, III, etc., the number being written in red ink or blue chalk above the item. The particular papers to be printed in the special issue-copies should be indicated by the Roman numeral (I, II, etc.) by which that item has been headed in the correspondence file. All matter, including marginal remarks or references, to be printed should be written in ink and matter which should not be printed should be encircled. Initials and signatures that are not quite legible should be re-written distinctly.

(b¹) For rules regarding printing of notes, see the rules in G.O., No. 1220, Public, dated 30th November 1900.

(c) The number of copies and the details of distribution should be filled in by the Superintendent or Referencer concerned.

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107/1/13
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