

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

} 1913.

Enclosures

Regd.

Spare copies

G.O. No. 470, 22nd May 1913.

Building Grant.

Sanctioning a grant of Rs. 22,450 towards the cost of construction of a building for the National high school, Negapatam.

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GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

I

Letter—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., C.I.E., Director of Public Instruction.

To—the Secretary to Government, Educational Department.

Dated—Madras, the 4th June 1912.

No.—Ref. on Cur. 2342/11.

I have the honour to submit the enclosed plans and estimates for the construction of a building for the National high school, Negapatam, and to recommend that a grant of Rs. 16,337, which is one-half of the estimated cost of the proposed building (Rs. 29,300) and of the site (Rs. 3,375) which has been already purchased, may be sanctioned to be paid when funds are available.

2. This institution was established in 1904 and was recognized in 1905 under the Madras Educational Rules as an upper secondary school. The efficiency of the school has been and is being so seriously hampered by the unsatisfactory character of the accommodation provided that in January 1911 the management had to be called upon to show cause why the privileges of recognition should not be withdrawn. The efforts of the management to provide better accommodation therefore deserve every encouragement.

3. The management of the school is vested in a committee which has been registered under Act XXI of 1860.

II

Memorandum No. 1600-2, Educational, dated 21st June 1912.

The plans and estimates for the construction of a building for the National high school, Negapatam, received with the Director of Public Instruction's letter R.O.C. No. 2342/11, dated 4th June 1912, are returned for resubmission after revision in accordance with the following remarks of the Chief Engineer, Public Works Department :—

(1) Madras terraced floors would be cheaper and apparently quite as good as jack arch terraces. If, for some special reason, it is desired to use jack arches, they should be in accordance with Memorandum No. 234 C., dated 9th January 1908, and the span must in no case exceed 6 feet.

(2) Tie rods are required for end arches in rooms unless their thrust is counteracted otherwise.

(3) The section A—A does not agree with the plan.

(4) No descriptive specification has been furnished.

(5) The roofs over the stairs seem unnecessarily lofty.

(6) Some of the arches (side elevation) have obviously insufficient abutments.

(By Order.)

M. S. MASCARENHAS,
Under Secretary to Government.

To the Director of Public Instruction.

III

Letter—from M.R. By. V. P. PACKIRISWAMI PILLAI Avargal, Correspondent of the National high school, Negapatam.

To—the Director of Public Instruction.

Dated—the 27th December 1912.

With reference to your Proceedings Ref. on C. No. 2342/11, dated 5th July 1912, relating to the plan and estimates for a building for the National high school, Negapatam, I have the honour to submit herewith the revised plans and estimates in which the suggestions made in your proceedings have been carried out.

2. I may state in detail how the remarks of the Chief Engineer (Public Works Department) embodied in the proceedings under reference have been met.

Remark No. (1).—As suggested the estimate has been revised providing therein Madras terraced floors instead of jack arch terraces.

Remark No. (2).—It is unnecessary to consider the provision of tie rods as Madras terraced floors have been adopted.

Remark No. (3).—The plan has been revised.

Remark No. (4).—A descriptive specification has been furnished.

Remark No. (5).—The roofs over the stairs have been reduced by 1 foot 9 inches.

Remark No. (6).—This has been rectified in the new plan.

3. As the old plan contained some errors, I have had a fresh plan prepared which is sent in duplicate. A copy of the old plan is also sent for reference.

4. The estimates have been revised in accordance with the modification made regarding jack arch terraces and in accordance with the local schedule of rates now prevailing in the Public Works Department and the municipality. The schedule of rates has been steadily rising in this district and especially in this town owing to the general rise of prices and wages, the large export business in this town and the location of the big South Indian Railway Workshops therein. Bricks and building materials have to be brought to the town from a considerable distance. The increase in the amount of the estimate is thus unavoidable, having regard to these facts and to the provision for stronger foundations and other changes made in the new plan.

5. I request that you will be good enough to pass the revised plan and estimates and to sanction a contribution by Government of half the cost. The total amount of the revised estimate is Rs. 43,375 including the cost of the site. I would further request that the amount may be allotted very early so that the construction may be commenced in the beginning of the next financial year 1913-14. If the contribution is further delayed, there is considerable risk of further increase in the cost of construction.

6. I have only to add that the application is deserving of the most sympathetic consideration at the hands of Government as the school has not received any teaching grant from Government since it was started in 1904. It educates about 1,200 students in the high school and its branches in Negapatam.

Ref. on Cur. No. 2342/11, dated 7th January 1913.

Submitted to Government with reference to Memorandum No. 1600-2, Educational, dated 21st June 1912.

2. The plans and estimates are enclosed.

3. The correspondent's request for a half grant on Rs. 43,375 is recommended.

A. G. BOURNE, D.Sc., F.R.S., C.I.E.,
Director of Public Instruction.

IV

Note by the Chief Engineer, Public Works Department, No. 170 D., dated 16th May 1913.

The Director of Public Instruction submits through the Educational Department a detailed estimate amounting to Rs. 43,375 and three plans in connection with a grant-in-aid towards the cost of constructing the National high school building at Negapatam, Tanjore district.

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 rolled steel girders supporting the floors and roofs so as to avoid as far as possible their being supported over doors and windows.
- (2) Providing rolled steel girders 18" × 7" at 75 lb. in place of arches AA and 12" × 6" at 44 lb. instead of arches BB as marked in plan 1 (block B).
- (3) Providing teakwood posts instead of cast iron columns to carry the Mangalore tiled roof over the verandah round the court yard, block A.
- (4) Providing rolled steel girders 7" × 4" at 16 lb. to support the verandah of the first floor round court yard, block A.
- (5) Altering where necessary the sizes of the rolled steel girders and teakwood joists as figured on the plans and in the estimate.
- (6) Reducing the spans of the verandah arches from 14' 6" and 20' 0" to about 7' 0" by inserting intermediate piers as shown on plans 1 and 2.
- (7) Providing according to the specification accompanying the estimate 4" concrete for floors (ground floors) which has been omitted in the estimate submitted.
- (8) Providing according to the plans submitted one wooden stair and one iron spiral stair for each of the blocks A and B.
- (9) Reducing the diameter of the cast iron columns supporting the first floor of the verandah from 6" to 4" with metal $\frac{5}{8}$ " thick, block A.
- (10) Increasing the amount under heading "Contingencies" by Rs. 63.

By these alterations the amount of the estimate has been increased from Rupees 43,375 to Rs. 44,900.

3. It is recommended that the cement rendering for floors may be $\frac{1}{2}$ " thick instead of $\frac{1}{4}$ ".

4. In plan No. 2, block A, the front elevation does not agree with the plan of the first floor with respect to the arrangement of the windows and the section line AA is not correctly shown.

Necessary corrections have now been carried out in the Chief Engineer's office.

5. The soil is said to be "made earth" and the pressure on the soil at XX marked in plan 1, (block B) is 0.87 ton per square foot according to the calculations made in the Chief Engineer's office.

The Superintending Engineer should satisfy himself as to the suitability of the foundations. Special care seems necessary in this case.

6. The rates in the estimate for floor and roof timbers, doors and windows, lime plaster and cement rendering are low.

7. The spiral stairs as indicated on the plan, block A, would be too steep. They should be carefully drawn.

8. With these remarks the estimate as altered by the Chief Engineer amounting to Rs. 44,900 is recommended for approval.

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

Order—No. 470, Educational, dated 22nd May 1913.

The Government are pleased to sanction a grant not exceeding one-half of the actual expenditure nor Rs. 22,450 towards the cost of construction of a building for the National high school, Negapatam, 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.)

W. FRANCIS,
Ag. Secretary to Government.

To the Director of Public Instruction, with plans and estimates and Chief Engineer's note.
" Accountant-General.
" Public Works Department.
" Editors' Table (Order only).

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O. No. 470, EDUCATIONAL,
DATED 22ND MAY 1913.

[SUBJECT.— *Building grant in aid of the National High School, Negapatam.*

From the Director of Public Instruction, No. 2342/11, dated 4th June 1912.

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

P.R.—11-6-12.

C. RAMANUJACHARI—11-6-12.

M. S. MASOARENHAS—12-6-12.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

The plans and estimates have been scrutinised and the following remarks are offered:—

(a) Madras terraced floors would be cheaper and apparently quite as good as jack arch terraces. If for some special reason it is desired to use jack arches, they must be in accordance with Memorandum No. 234-C., dated 9th January 1908, and the span must in no case exceed 6 feet.

(b) The rods are required for end arches in rooms unless their thrust is counteracted otherwise.

(c) The section AA does not agree with the plan—*vide* remarks in green ink.

(d) No descriptive specification has been submitted.

(e) The roofs over the stairs seem unnecessarily lofty.

(f) Some of the arches (side elevation) have obviously insufficient abutments.

2. Educational may be asked to return the plans and estimate for revision with reference to the foregoing remarks.

M. K. TATACHARI—17-6-12.

D. MARSHALL—18-6-12.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

A draft memorandum is submitted for approval.

P.R.—20-6-12.

C. RAMANUJACHARI—20-6-12.

M. S. MASOARENHAS—21-6-12.

[Memorandum No. 1600-2, dated 21st June 1912.]

No. 470, EDUCATIONAL, 22ND MAY 1913.

The revised plans and estimates now received may be forwarded to the Public Works Department with reference to that Department's note *supra*.

C. RAMANUJACHARI—12-1-13.

C. S. ANANTARAMA AIYAR—15-1-13.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

Note by the Chief Engineer, Public Works Department, dated 12th May 1913

The plans and estimate have been scrutinised by the Chief Engineer and the results embodied in the note read above. The estimate as altered by the Chief Engineer amounts to Rs. 44,900 and is recommended for approval.

2. The file may now be returned to Educational.

M.K.T.—12-5-13.

D. MARSHALL—13-5-13.

C. A. SMITH—15-5-13.

To the Educational Department.

EDUCATIONAL DEPARTMENT

A draft order is submitted for approval.

P.R.—19-5-13.

C. RAMANUJACHARI—19-5-13.

Approved.

W. FRANCIS--22-5-13.

[G.O. No. 470, Educational, 22nd May 1913.]

READ AGAIN G.O., No. _____, dated _____ 10

” ” ” ” ” ” 19

READ ALSO:—

C. No. 1600, From the 299, No. 2342/11, dated 4-6-1912

76 200 2342/11, 7-1-1913.

" " " ", " "

19

Note by the Chief Engineer, *PNQ*, 1702, 16-5-1913.

ORDER.

No. 470507, dated 22-5-1913

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

ceding Rs. 22,450 ————— towards the cost of
construction of a building for the National
high school, Negapalam —————
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.

$\frac{OP}{19.513} = \frac{CR}{19.513}$

The Director of Public Instruction with plans and estimates. + CE's note
 .. Accountant-General.

ET. (order only)

ORDINARY.

PRESS SLIP.

PREFERENCE.

LOCAL AND MUNICIPAL DEPARTMENT.

URGENT (a).

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P.T.O.

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(a) If a paper is marked to be printed urgently, the Superintendent of the section concerned should sign the Press slip. The Superintendent should exercise a careful discretion in the matter.

(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.

(b) 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 Referencee concerned.

(d) In the absence of special instructions to the Press to keep matter standing for a specified period, ordinary papers of 8 pages and under will be kept standing for one week, and larger papers for two weeks only. The type of notes and of all confidential papers is distributed immediately after striking.

(e) This slip, properly and completely filled in, should accompany every paper sent to Press; it will be returned by the Press when proofs are furnished; it should be sent to the Press when a call is made for revised proofs or when a corrected proof is sent for striking. When finally returned by Press it should be filed with the original order or letter.

INSTRUCTIONS FOR THE PRESS.

(a) If, in the opinion of the Superintendent of the Press, a paper has been marked urgent unnecessarily, he should send the Press slip to the Registrar with a remark to that effect.

(b) Unless a note to the contrary is made against the matter, pencil entries should not be printed. The Superintendent of the Press may bring to the notice of the Registrar any instance of incomplete or careless editing.

(c) Signature copies of letters to the Secretary of State or to the Government of India should be printed on hand-made paper.

(d) This slip should be returned by the Press to the Secretariat when proofs are furnished; it will be sent back to the Press when proofs are returned corrected and should be finally returned to the Secretariat when struck-off copies are supplied.

(e) The names of the Secretary and Members should be printed in full when they occur on the right hand side, but only the first time when they appear on the left side, the initials alone being printed later.

TO PRESS, MADRAS,
OOTY.

A

B

C

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.....Clerk.

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