

Government of Madras

HOME (EDUCATION) DEPARTMENT

G.O. No. 592, 6th May 1918

Building grant

Sanctioning a -- of Rs. 17,000 towards the cost of extending the upper storey on the two wings of the Lawley Hall attached to the St. Joseph's College, Trichinopoly.

ORIGINAL

INDEXED

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Sanctioning a -- of Rs. 17,000 towards the cost of extending the upper storey on the two wings of the Lawley Hall attached to the St. Joseph's College, Trichinopoly.

READ—the following papers:—

G.O. No. 652, Home (Education), dated 17th May 1917.

II

Letter—from the Hon'ble Mr. J. H. STONE, M.A., F.R.H.S., C.I.E., Director of Public Instruction.

To—the Secretary to Government, Home (Education) Department.

Dated—the 9th January 1918.

No.—Ref. on Cur. 10475.

With reference to G.O. No. 652, Home (Education), dated 17th May 1917, declining to sanction any grant towards the cost of extending the upper storey on the two wings of the Lawley Hall attached to the St. Joseph's College, Trichinopoly, I have the honour to submit, for favour of orders, the letter No. 781, dated 18th December 1917, of the correspondent with the plans and estimates referred to therein.

ENCLOSURE

Letter—from the Correspondent, St. Joseph's College, Trichinopoly.

To—the Director of Public Instruction, Madras.

Dated—the 18th December 1917.

No.—781.

With reference to your Proceedings Dis. No. 3171, dated 28th May 1917, and enclosed copy of Chief Engineer's note No. 95-D, dated 9th May 1917, I have the honour to resubmit my application for a building grant, with plans and estimates, as per my letter No. 656, dated 1st February 1917, and to offer the following explanations which will, I trust, meet the objections raised by the Chief Engineer against the proposed plans and estimates:—

(a) With reference to paragraph II of the Chief Engineer's note, the inaccuracies mentioned in it are presumably the quotations against which there appear pencil corrections. I have had these alleged inaccuracies scrutinized by our professional men and I am to say that the corrections generally represent the value of the bare articles taken in the shops or on the market, but not the value of the articles delivered at the College, Trichinopoly. The figures in the pencil corrections have therefore to be increased so as to include carriage and other such expenses. The estimates show in detail how the given prices are arrived at.

It is not out of place to observe that the price of materials is rapidly rising and the probability is that by the time the building is completed, the estimates will be far below the real expenses.

(6) With regard to paragraph III of the same note, I have to observe that the statement that "according to the existing arrangements, the large hall 170' x 50' is not provided with sufficient light" is surprising and that it will certainly not be borne out by any one who has seen the hall. That ventilation is not satisfactory under the existing arrangements may be allowed, but the proposed plans will improve it, as I shall show presently.

Ventilation.—There are ten doors or windows at the eastern end of the hall; and at the western, five windows, two doors, and the whole breadth of the stage, about 20 feet. Then there are the doors and windows opening into the class rooms on both sides, north and south. The roof is broken at three places, thus providing ventilation through the roof. There are nineteen windows on each side, north and south, at the top of the wall. Six of them on each side open into the new class rooms, upstairs; the remaining thirteen on each side are provided with glass shutters. These windows are never opened. It was observed very soon after the hall began to be

used that these windows, when open, let in a quantity of hot air from the heated adjacent roofs, a circumstance which considerably raised the temperature in the hall. The shutters were then screwed down, and have never been used for the purpose of ventilation for the last five or six years. In the proposed plan, the shutters are to be removed and the air will freely circulate through the upstairs verandahs and class rooms and the hall, as is now the case with the four upstairs rooms already built.

(c) *Lighting*.—The glass tiles which we propose to fix in the roof, to make up for the loss of windows, are not to be placed over the middle of the hall but along the side walls. There is a bamboo matting ceiling under the roof, put up against radiation, and reaching to about 2 feet from the side walls. It is in the space between the ceiling and the walls we propose to place the glass tiles. I do not consider that this arrangement will throw more glare into the hall, or render it more uninhabitable than the existing windows do. Besides, it would be easy enough to cut off the glare, if found inconvenient, by putting up light screens.

If 100 tiles were not sufficient, the number might be increased.

(d) *Gutters*.—With regard to paragraph IV, and the drainage of the large roof area I might answer that the present arrangement has worked satisfactorily for the last ten years or so, and that there seems to be no reason why it should not work satisfactorily in the future as well. But I had better state that the water from the roofs flows from the eaves through nine pipes, 6 inches in section, into a gutter on the top of the wall, from which it falls, through nine pipes within the wall on each side, each pipe being 4½ inches diameter, into a drain 1 foot section, whence it is discharged outside. The whole arrangement is shown in the accompanying plan.

Under these circumstances, I see no reason for making any alteration in the plans and estimates, and I beg to resubmit them for early and favourable consideration.

It is our intention to start work as soon as possible after the closing of the college for the mid-summer vacation and carry on as far as possible during the vacation. The scarcity of certain materials, however, and the railway traffic restrictions may, it is feared, interfere with the work. In view of these circumstances I beg to request you will not insist on the time limit as a condition for the sanction and payment of the grant.

III

Note by the Chief Engineer, Public Works Department, No. 56-D, dated 30th April 1918.

I. (a) In G.O. No. 652, Home (Education), dated 17th May 1917, the Government declined to sanction a grant-in-aid towards the cost of extending the upper storey on the two wings of the Lawley Hall attached to St. Joseph's College, Trichinopoly, in accordance with the drawings bearing D.P.I. Nos. 203 (A), 203 (B) and 203 (C) and the detailed estimate amounting to Rs. 33,760.

(b) The Director of Public Instruction now submits, for the orders of Government, the remarks of the correspondent contained in his letter No. 781, dated 18th December 1917, regarding the defects pointed out in the Chief Engineer's note No. 95-D, dated 9th May 1917, referred to in the Government Order mentioned above.

(c) With reference to these remarks the drawings and the estimate have again been examined by the Chief Engineer; and the latter, whilst accepting the correspondent's arguments adduced for sufficiency of light and ventilation, still considers that there is a certain risk about satisfactorily draining the roof, especially as the volume of rain water to be dealt with is to be increased; and recommends that the proposed additions be sanctioned on condition that the college authorities are prepared to accept full responsibility in the matter of roof drainage.

II. (1) The sizes of beams supporting the floor of class rooms and of bressummers supporting the verandah of first floor have been increased in the Chief Engineer's office from 12" × 22" and 5" × 7" to 12" × 23" and 5" × 7½", respectively.

(2) By these alterations the total amount of the estimate is increased from Rs. 33,760 to Rs. 34,000.

III. The diameters of iron columns supporting the floor and roof of verandahs are, according to D.P.I. No. 203 (B), 5" and 4", respectively; the thickness of metal should be ⅝" for the former and ¼" for the latter.

IV. The drawings submitted do not contain full information about foundations, sizes of existing masonry piers, stairs, and other details required for purposes of scrutiny. The thicknesses of piers marked P₁, P₂ on D.P.I. No. 203 (C) are, as figured on the drawing, 2' 3" and 2' 0", respectively; and their lengths measure to scale 3' 9"; with these data the pressures on these piers at level of window still are calculated to be 4.38 tons and 4.19 tons per square foot respectively.

The Superintending Engineer should satisfy himself that the existing foundations and walls are strong enough to carry an upper storey, that the existing iron trusses and timbers are suitable for the new roofs, and also that the rates for brick-work and terraced flooring provided in the estimate are reasonable.

V. With these remarks, the drawings and the estimate as altered in the Chief Engineer's office, the latter amounting to Rs. 34,000, are recommended for approval.

S. B. MURRAY,
Chief Engineer, P.W.D.

Order—No. 592, Home (Education), dated 6th May 1918.

The Government are pleased to sanction a grant not exceeding one-half of the actual expenditure, nor exceeding Rs. 17,000 towards the cost of extending the upper storey on the two wings of the Lawley Hall attached to the St. Joseph's College, Trichinopoly, subject to the following conditions:—

(1) that in carrying out the work the suggestions of the Chief Engineer in his note No. 56-D, dated the 30th April 1918, 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.

3. The Director of Public Instruction is requested to obtain from the authorities of the college duplicate copies of the plans corrected with reference to the plans approved by the Government and forward them to the Chief Engineer direct, at an early date.

(True extract)

R. RAMACHANDRA RAO,
Secretary to Government.

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

" Accountant-General.
" Public Works Department.
" Collector of Trichinopoly.

Editors' Table (Order only).

Sanctioning a — of Rs 17,000 towards the cost of enlarging the upper storey on the two wings of the Lawley Hall attached to the St Joseph's College, Terenure, Dublin.

” ” ” ” ” 191

S. N. 6413, From the 279, No. 6475/17, dated the 9-1-1917.

" " " Note by the Ch. Engineer, Ph.D. " 56 D " the 30-4-1918.

No. 592, dated 6. 5. 1918

The Govt are pleased to sanction a grant not exceeding one-half of the actual expenditure, nor exceeding Rs 17,000/- towards the cost of extending the upper storey on the two wings of the Lawley Hall attached to ^{the} St Joseph's College, Trichinopoly, subject to the following conditions: -

(1) that in carrying out the work the suggestions of the Chief Engineer in his note No. 56 D of the 30-4-18 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

pages 5 to 7 c.f.

fulfilled the grant will be paid as funds become available.

3. The S.P.D is requested to obtain from the authorities of the college duplicate copies of the plans corrected with reference to the plans approved by the Govt. ~~and forward~~ and forward them to the Chief Engineer direct, at an early date.

DA
20.4.18
JL
2.5.18
4.5.18
6757107

Recd receipt
with as + with
plans + estimates
20.5.18

To,
The S.P.D with plans of Animals
" A.C.V.
" B.V.D
" Collector of Sri University.
ET (order only)

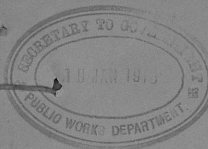
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Home (Ed) Department.

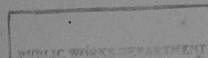
Subject - Building grant to St Joseph's College, Trenchingby.

[C. 64 B]. From the S.P.D. Ref no 10475/17 to the 9. 1. 17.



Conno 64 B-1

18.1.18



No 205
Date 19/1/1918

19.1.18

The plans and estimates may be forwarded to P.W.D. for remarks in the light of the explanation contained in the Correspondent's letter on pages 2-4 C.F.

11.1.18
15.1.18

CR 10.1.18
17/1/18
P.W.D.

P. W. D.

SPS-70F. Note by the Chief Engineer M.D. to 56.5 g 30.6.18

SP

The plans and the estimate have been examined in the Chief Engineer's office and his remarks thereon are embodied in the ^{Chief Engineer's} note read above.

As a result of the scrutiny, the amount of the estimate has been raised from Rs 33,760 to Rs 34,000.

Submitted that the file may now be returned to Home (Ed) do.

25.1.18
26. Home (Ed) do



2. Duplicate copies of plans have not been submitted. Again Home (Ed) may be requested to call for the copies with the corrections made in the plans in this office carried out therein & to furnish them to this Dept.

No 205
19.1.18

with four plans sent to the

NOTES.

Page 2

X
Name (En) Dept

A draft order is submitted for approval.

30.4.18.
In
25.18.

CR
457
Le

11/6/18

ORDINARY.

PRESS SLIP.

Scott. II-38-1,702-17-1-18.

PREFERENCE.

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DEPARTMENT.

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G.O. No. 592, dated 6-5-1918.

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(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.

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† To be initialled and dated.

[P.T.O.]

TO PRESS, MADRAS OOTY.

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Clerk.

Supt.

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Supt.

C

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Clerk.

Supt.

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