

Government of Madras

HOME DEPARTMENT (EDUCATION)

G.O. No. 1314, 22nd October 1917

Building grant

Sanctioning a grant not exceeding one-half of the actual expenditure nor Rs. 4,185 towards the cost of construction of a septic tank and a latrine for the American Mission High School, Pasumalai.

INDEXED

N. P.

ORIGINAL.

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READ—the following papers:—

I

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—Madras, the 16th September 1916.

No.—R.C. 3168.

In submitting herewith the plans and estimates relating to the construction of a septic tank and latrine for the American Mission High School, Pasumalai, I have the honour to state that the scheme has long been under consideration and is very necessary, and that it has been prepared after careful consideration and in consultation with the Executive Engineer in charge of the Madura Drainage Works. I therefore strongly recommend that a grant not exceeding one-half of the estimated cost, viz., Rs. 3,300, may be sanctioned as early as possible.

II

Memorandum No. 3396-2, Home (Education), dated the 19th December 1916.

The plans and estimates for the construction of a septic tank and latrine for the American Mission High School, Pasumalai, received with the Director of Public Instruction's letter, R.C. No. 3168, dated the 16th September 1916, are returned to him with the request that he will ascertain whether the authorities of the school are prepared to adopt the design recommended by the Chief Engineer in his note, dated the 6th December 1916, a copy of which is enclosed, and if so, to resubmit the estimates after revision.

(By order)

C. RAMANUJA ACHARIYAR,
Registrar.

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

III

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—Madras, the 28th August 1917.

No.—R.C. 3168 of 1916.

With reference to your memorandum No. 3396-2, dated 19th December 1916, in connexion with the construction of a septic tank and latrine for the American Mission High School, Pasumalai, I have the honour to submit herewith revised plans and estimates prepared in accordance with the suggestions made by the Chief Engineer and to request that early orders may be passed in the circumstances stated by the Principal in his letter No. 294, dated 20th August 1917 (copy enclosed).

ENCLOSURE

Letter—from the Principal, American Mission High School, Pasumalai.
To—the Director of Public Instruction.
Dated—the 20th August 1917.
No.—294.

In reply to your Ref. on C. No. 3168, dated the 23rd December 1916, and subsequent reminder with reference to the plans and estimates for the construction of a latrine and septic tank for the American Mission High School, Pasumalai, I have the honour to return herewith plans and estimates prepared in accordance with the suggestions and the design recommended by the Chief Engineer. We have accepted all his suggestions and the plans have been prepared accordingly. The delay in accepting our plans and the necessary changes required by the Chief Engineer have added greatly to the cost of the plant, the need for which is exceedingly urgent so much so that we would like permission to begin the work at once as we have complied with all the suggestions. Because of the increased cost, due to delays through no fault of our own, I would request that in sanctioning the half-grant on the amount of the estimate, namely, Rs. 8,370, your share of the grant be advanced to us and that we be allowed to proceed with the work at once.

IV

Note by the Chief Engineer, Public Works Department, No. 614-D.,
dated 8th October 1917.

In September 1916, the Director of Public Instruction submitted plans and an estimate amounting to Rs. 6,600 for the construction of a latrine and a septic tank for the American Mission High School, Pasumalai near Madura. The Sanitary Engineer, to whom the plans and the estimate were referred, suggested certain improvements and furnished a design for a septic tank and filter in connexion with the latrine. The Chief Engineer accepted the Sanitary Engineer's recommendations in his note, dated 6th December 1916, and the Director of Public Instruction was requested to ascertain and report whether the authorities of the school are prepared to accept the design recommended and if so to resubmit the estimate after revision.

2. The Director of Public Instruction now resubmits the plan and the estimate duly altered, the latter amounting to Rs. 8,370. The plans and the estimate have been scrutinized in the Chief Engineer's office and the points requiring remarks are noted below:—

(a) The rates adopted in the estimate for the following items seem high and the school authorities should consult the local Public Works Department officers regarding them before putting the work in hand:—

Name of item.	Per	Estimate rate.
		RS.
Excavating foundations in soft rock	1,000 c.ft.	18
Concrete broken stone in surki mortar	100 "	24
Brick in surki mortar	100 "	28
Cuddapah slabs	100	40

(b) The section of the bressummers proposed for the roof of the latrine, 4" × 6", is weak and has been substituted by section 4" × 7".

(c) It is noticed that the plans and the estimate have not been countersigned either by the Principal of the College or by the Director of Public Instruction.

3. With the foregoing remarks the plans and the estimate amounting to Rs. 8,370 are recommended for sanction.

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

Order—No. 1314, HOME (EDUCATION), dated the 22nd October 1917.

The Government are pleased to sanction a grant not exceeding one-half of the actual expenditure nor Rs. 4,185 towards the cost of construction of a septic tank

and a latrine for the American Mission High School, Pasumalai, subject to the following conditions:—

(1) that in carrying out the work the suggestions of the Chief Engineer in his note, dated the 8th October 1917, 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)

R. RAMACHANDRA RAO,
Secretary to Government.

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

NOTES CONNECTED WITH G.O. No. 1314, HOME (EDUCATION), DATED
22ND OCTOBER 1917

[SUBJECT.—*Grant for the construction of a septic tank and latrine for the American Mission High School, Pasumalai.*]

From the Director of Public Instruction, dated 16th September 1916, R.C. No. 3168.

HOME (EDUCATION) DEPARTMENT.

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

E.A.V.—20-9-16.

C. RAMANUJA ACHARIYAR—21-9-16.

P. R[AJAGOPALA ACHARIYAR]—22-9-16.

PUBLIC WORKS DEPARTMENT.

Submitted that Home (Education) may be informed that the Chief Engineer considers that the proposals require the following alterations:—

Latrine.—(a) Hydrants should be provided for hosing the floor.

The bottom of the water-supply tank should be elevated to 8 feet above the level of the drain at its commencement instead of 6 feet.

Septic tank and filters.—(a) If space permits the septic tank should be built 50 feet away from the latrine.

(b) The design submitted does not seem suitable for the following reasons:—

(i) The sludge cannot be removed except by putting the septic tanks out of action

(ii) The short sheet iron chimneys for escape of sewer gas are objectionable, being too short.

(iii) The arrangements for inlet and outlet of sewage into and out of septic tank are not suitable, as also its circulation in the tank as proposed.

(iv) The perforated pipe to distribute sewage over the filter surface is liable to get choked up.

A fresh design—San. No. 136/1916—prepared by the Sanitary Engineer is recommended for adoption. The two outlets from the latrine are to be connected by a Y junction to a single pipe and the sullage conveyed to the septic tank.

The cost of the work under the revised proposals will be nearly the same as in the proposals submitted.

T.K.—5-12-16.

T.S.R.—6-12-16.

D. MARSHALL—6-12-16.

HOME (EDUCATION) DEPARTMENT.

The Chief Engineer has suggested certain alterations and has recommended a fresh design prepared by the Sanitary Engineer for adoption. The Chief Engineer states that the cost of the work under the revised proposals will be nearly the same as in the proposals received. Before sanctioning a half-grant recommended by the Director of Public Instruction, it is submitted that the Director may be requested to

46 T. (order only)

NOTES CONNECTED WITH G.O. No. 1314, HOME (EDUCATION), DATED
22ND OCTOBER 1917

SUBJECT.—Grant for the construction of a septic tank and latrine for the American
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From the Director of Public Instruction, dated 16th September 1916, R.O. No. 3168.

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

20-9-16.

C. RAMANUJA ACHARIYAR—21-9-16.
P. R. [AJAGOPALA ACHARIYAR]—22-9-17.

PUBLIC WORKS DEPARTMENT.

Submitted that Home (Education) may be informed that the Chief Engineer
considers the proposals require the following alterations:—

Latrine.—(a) Hydrants should be provided for hosing the floor.
The bottom of the water-supply tank should be elevated to 3 feet above the
level of the drain at its commencement instead of 6 feet.

Septic tank and filters.—(a) If space permits the septic tank should be built
50 feet away from the latrine.

(b) The design submitted does not seem suitable for the following reasons:—

(i) The sludge cannot be removed except by putting the septic tanks out of
action.

(ii) The short sheet iron chimneys for escape of sewer gas are objectionable,
being too short.

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Director of Public Instruction, it is submitted that the Director may be requested to

2 NOTES TO G.O. No. 1314, HOME (EDUCATION), 22ND OCTOBER 1917.
ascertain whether the authorities of the American Mission High School, Pasumalai, are agreeable to the design recommended by the Chief Engineer, in his note on page 1 ante, and if so, to resubmit the estimates after revision.

2. A draft memorandum is submitted.

S.M.P.—16-12-16.

T.K.—16-12-16.

C. RAMANUJA ACHARIYAR—18-12-16.

[Memorandum No. 3396-2, dated the 19th December 1916.]

From the Director of Public Instruction, dated 28th August 1917, R.C. No. 3168/16.

The revised plans and estimates may be forwarded to Public Works Department for scrutiny at an early date in the circumstances stated in the Correspondent's letter on page 5 of current file.

P.R.—31-8-17.

C.R.—31-8-17.

PUBLIC WORKS DEPARTMENT.

Note by the Chief Engineer, Public Works Department, No. 614, dated 8th October 1917.

The revised plans and the estimate have been scrutinised in the Chief Engineer's office and his remarks are contained in his note read above. The Chief Engineer recommends the revised estimate for sanction, subject to the remarks in the above note.

2. The file may now be returned to Home (Education) for issue of orders.

S.R.—2-10-17.

T.P.S.—4-10-17.

D. MARSHALL—6-10-17.

HOME (EDUCATION) DEPARTMENT.

A draft order is submitted for approval. In regard to the correspondent's request for advance payment of the Government contribution and permission to proceed with the work at once, it is submitted that these are matters which the Director of Public Instruction can dispose of under articles 51 and 53 of the Grant-in-Aid Code.

E.A.V.
T.K.—16-10-17.

T.K.—16-10-17.

C.R.—19-10-17.

R. RAMACHANDRA RAO, 22-10-17.

[G.O. No. 1314, Home (Education), dated 22nd October 1917.]

P.T O

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