

*Home* (1918) Department.

*Education*

*Ordinary* SERIES.

G.O. No.

*1445*

DATED

*12-11-18*

INDEXED

[Despatch Abstract.]

Building grant

Raising the maximum amount of ----- sanctioned for the construction of a building for the George Secondary School, Kalladaikurichi, from Rs 12,655 to Rs 12,765 and commending the plan of a latrine for adoption to the authorities of the school.



# BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|------|-----|-------------|-------|
|      |     |             |       |      |     |             |       |

# FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
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|      |     |             |       |      |     |             |       |

C.E.-29.

H O M E DEPARTMENT.  
(EDUCATION)

Received 191 . Registered 191



Subject.

Recommending that in the circumstances stated an additional grant be sanctioned towards the construction of a building for the George Secondary School, Kallidaikurichi, Tinnevely District.

|                    |
|--------------------|
| ENCLOS RES.        |
| No. ....           |
| Spare copies ..... |

Ref on Cur No. 9775/1913.

Station M a d r a s, Dated the 25<sup>th</sup> September 1918.

From (Name) H. S. Duncan Esquire, M.A.,  
(Designation) Ag. Director of Public Instruction

To The Secretary to the Government of Madras,  
HOME (EDUCATION) Department.

Sir,

In G.O. No. 120 Educational, dated 27th January 1914, a grant of Rs. 12,655/- was sanctioned towards the cost of construction of a building for the George Secondary School, Kallidaikurichi, Tinnevely District. The work has been completed with the exception of the latrine for which a provision of Rs. 460/- was included in the estimate. The Correspondent states that it is not possible to construct the latrine at this cost on account of the rise in the price of building materials and cost of labour and submits the enclosed revised estimate for sanction. The amount according to the revised estimate comes to Rs. 954/- against Rs. 460/- of the original estimate. In these circumstances, I



have the honour to recommend that an additional grant equal to one-half of the excess cost involved, viz., Rs. 247/- may be sanctioned.

2. Copies of the design of the latrine are also herewith submitted.

I have the honour to be,

Sir,

Your most obedient servant,

*R. Arun*

for Director of Public Instruction

*M. S. S.*

M. S. S.

Estimate for Constructing a latrine of twelve seats  
Type design No. 112 A for George Secondary School  
Kallidaikurichi

| No | Detail of works                                          | No | Length   | Breadth | Depth or Height | Area or Contents | Total |
|----|----------------------------------------------------------|----|----------|---------|-----------------|------------------|-------|
| 1  | Earth work excavating foundations                        |    |          |         |                 |                  |       |
|    | Outside walls                                            | 1  | 50'-9"   | 2'-3"   | 2'-6"           | 285              |       |
|    | cross walls                                              | 1  | 16'-9"   | 2'-3"   | 2'-6"           | 94               |       |
|    | Screen wall outside                                      | 1  | 7'-0"    | 2'-3"   | 2'-6"           | 39               |       |
|    | Pilasters at corners                                     | 1  | 13'-6"   | 0'-4½"  | 2'-6"           | 13               |       |
|    | laistern portion                                         | 1  | 5'-6"    | 5'-1½"  | 3'-9"           | 106              |       |
|    | L iron uprights for Screens                              | 10 | 1'-0"    | 1'-0"   | 2'-6"           | 25               |       |
|    | Total C. ft of earthwork                                 |    |          |         |                 | 562              |       |
|    | Deduction                                                |    |          |         |                 |                  |       |
|    | Portion of left Side wall                                | 1  | 5'-1½"   | 2'-3"   | 2'-6"           | 29               |       |
|    | Total deduction... C. ft                                 |    |          |         |                 | 29               |       |
|    | Total earthwork excavating foundation clear of all C. ft |    |          |         |                 |                  | 533   |
| 2  | Concrete (broken stone<br>2" gauge in lime mortar)       |    |          |         |                 |                  |       |
|    | Outside wall                                             | 1  | 50'-9"   | 2'-3"   | 1'-6"           | 171              |       |
|    | cross wall                                               | 1  | 16'-9"   | 2'-3"   | 1'-6"           | 57               |       |
|    | Screen wall outside                                      | 1  | 7'-0"    | 2'-3"   | 1'-6"           | 24               |       |
|    | Pilasters at corners                                     | 1  | 12'-0"   | 0'-4½"  | 1'-6"           | 7                |       |
|    | laistern portion                                         | 1  | 5'-6"    | 5'-1½"  | 1'-3"           | 35               |       |
|    | L iron uprights for Screens                              | 10 | 1'-0"    | 1'-0"   | 2'-6"           | 25               |       |
|    | Total Cub ft of Concrete                                 |    |          |         |                 | 319              |       |
|    | Deduction                                                |    |          |         |                 |                  |       |
|    | Portion of left Side wall                                | 1  | 5'-1½"   | 2'-3"   | 1'-6"           | 17               |       |
|    | Total deduction in C. ft                                 |    |          |         |                 | 17               |       |
|    | Total C. ft of concrete clear of all                     |    |          |         |                 |                  | 302   |
| 3  | Ground moulded brick in lime mortar                      |    |          |         |                 |                  |       |
|    | Foundation and basement:-                                |    |          |         |                 |                  |       |
|    | Outside wall                                             | 1  | 49'-7½"  | 1'-1½"  | 1'-6"           | 84               |       |
|    | cross wall                                               | 1  | 17'-10½" | 1'-1½"  | 1'-6"           | 30               |       |
|    | Screen wall outside                                      | 1  | 5'-10½"  | 1'-1½"  | 1'-6"           | 10               |       |
|    | Carried over                                             |    |          |         |                 | 124              |       |



|                                 |   |         |        |       |     |
|---------------------------------|---|---------|--------|-------|-----|
| Brought forward                 |   |         |        |       | 124 |
| Extra portion in left side wall | 1 | 4'-0"   | 1'-1½" | 1'-6" | 7   |
| Pilasters at corners            | 1 | 7'-10½" | 0'-4½" | 1'-6" | 4   |
| Cistern wall 3 sides            | 1 | 9'-0"   | 0'-9"  | 3'-0" | 20  |
| Retaining wall at entrance      | 2 | 1'-7½"  | 0'-4½" | 1'-6" | 2   |

#### Superstructure :-

|                                           |   |         |        |        |     |
|-------------------------------------------|---|---------|--------|--------|-----|
| Outside wall                              | 1 | 49'-3"  | 0'-9"  | 5'-6"  | 203 |
| cross wall                                | 1 | 15'-9"  | 0'-9"  | 5'-6"  | 65  |
| Pillars over cross walls                  | 2 | 1'-1½"  | 0'-9"  | 4'-0"  | 7   |
| Portion of cross wall outside with coping | 1 | 2'-6"   | 0'-9"  | 5'-6"  | 10  |
| Screen wall outside with coping           | 1 | 5'-6"   | 0'-9"  | 5'-6"  | 23  |
| Pillar on left side wall                  | 1 | 1'-1½"  | 0'-9"  | 4'-0"  | 3   |
| Gable over right end walls                | 2 | 2'-10½" | 0'-9"  | 1'-3"  | 5   |
| Pilasters at corners                      | 1 | 6'-0"   | 0'-4½" | 5'-6"  | 12  |
| Thin wall in front of seats               | 2 | 15'-0"  | 0'-4½" | 0'-4½" | 4   |

Total C. ft brick in mortar 489

#### Deduction

|                                        |    |         |       |       |   |
|----------------------------------------|----|---------|-------|-------|---|
| Small openings in front and rear walls | 12 | 0'-10½" | 0'-9" | 0'-9" | 6 |
| Archwork as per details below          |    |         |       |       | 8 |

Total deduction in C. ft 14

Total brick in mortar clear of all Cub-ft 475

#### 4 Flat archwork brick in lime mortar

|                                       |    |        |       |       |   |
|---------------------------------------|----|--------|-------|-------|---|
| Over openings in front and rear walls | 12 | 1'-1½" | 0'-9" | 0'-9" | 8 |
|---------------------------------------|----|--------|-------|-------|---|

Total Cub ft of flat arch work 8

#### 5 Plastering with lime mortar two coats

|                                          |     |         |   |       |     |
|------------------------------------------|-----|---------|---|-------|-----|
| Main wall inside                         | 2   | 22'-9"  | " | 2'-6" | 57  |
| cross wall                               | 2   | 15'-9"  | " | 2'-9" | 87  |
| Sides of pillars over cross and end wall | 1   | 6'-9"   | " | 4'-0" | 27  |
| Gable over right end walls               | 2x2 | 2'-10½" | " | 1'-0" | 12  |
| Carried over                             |     |         |   |       | 183 |

#### Brought forward

|                          |   |        |   |       |     |
|--------------------------|---|--------|---|-------|-----|
| Sides of right end walls | 2 | 0'-9"  | " | 7'-6" | 11  |
| Outside wall             | 1 | 56'-9" | " | 5'-6" | 312 |

|                                            |     |       |   |       |    |
|--------------------------------------------|-----|-------|---|-------|----|
| Portion of cross walls outside with coping | 1x2 | 2'-6" | " | 6'-0" | 30 |
|--------------------------------------------|-----|-------|---|-------|----|

|                         |     |       |   |       |    |
|-------------------------|-----|-------|---|-------|----|
| Screen wall with coping | 1x2 | 6'-3" | " | 6'-0" | 75 |
|-------------------------|-----|-------|---|-------|----|

|                   |   |       |   |       |   |
|-------------------|---|-------|---|-------|---|
| End of cross wall | 1 | 0'-9" | " | 4'-0" | 3 |
|-------------------|---|-------|---|-------|---|

|                         |   |          |   |       |    |
|-------------------------|---|----------|---|-------|----|
| Basement wall all round | 1 | 89'-10½" | " | 0'-9" | 67 |
|-------------------------|---|----------|---|-------|----|

Total Sq. ft of plastering 681

#### 6 Plastering with portland

Cement ½" thick :-

|                                      |   |        |       |   |    |
|--------------------------------------|---|--------|-------|---|----|
| Sides of thin wall in front of seats | 2 | 15'-0" | 0'-9" | " | 23 |
|--------------------------------------|---|--------|-------|---|----|

|                  |   |        |   |       |     |
|------------------|---|--------|---|-------|-----|
| Main wall inside | 2 | 22'-9" | " | 3'-0" | 137 |
|------------------|---|--------|---|-------|-----|

|            |   |        |   |       |    |
|------------|---|--------|---|-------|----|
| cross wall | 2 | 15'-9" | " | 2'-9" | 87 |
|------------|---|--------|---|-------|----|

|                                         |    |       |       |   |    |
|-----------------------------------------|----|-------|-------|---|----|
| Sides & soffit of openings in main wall | 12 | 2'-6" | 0'-9" | " | 23 |
|-----------------------------------------|----|-------|-------|---|----|

|                       |   |        |   |       |    |
|-----------------------|---|--------|---|-------|----|
| Side walls of cistern | 1 | 10'-0" | " | 3'-0" | 30 |
|-----------------------|---|--------|---|-------|----|

|                |   |       |   |       |   |
|----------------|---|-------|---|-------|---|
| Top of cistern | 1 | 9'-0" | " | 0'-9" | 7 |
|----------------|---|-------|---|-------|---|

|                  |   |       |   |       |   |
|------------------|---|-------|---|-------|---|
| Floor of cistern | 1 | 2'-6" | " | 2'-6" | 6 |
|------------------|---|-------|---|-------|---|

|                  |   |        |   |       |   |
|------------------|---|--------|---|-------|---|
| Sides of cistern | 1 | 10'-6" | " | 0'-9" | 8 |
|------------------|---|--------|---|-------|---|

|               |   |        |   |       |    |
|---------------|---|--------|---|-------|----|
| Drain outside | 2 | 22'-0" | " | 1'-3" | 55 |
|---------------|---|--------|---|-------|----|

Total Sq. ft Cement plastering 376

#### 7 Roofing with Mangalore pattern tiles

on teakwood reapers 2"x1" including nails chunam borders & etc complete

|                |   |        |       |   |     |
|----------------|---|--------|-------|---|-----|
| Front and rear | 2 | 18'-6" | 8'-3" | " | 305 |
|----------------|---|--------|-------|---|-----|

Total Sq. ft of roofing 305

#### 8 Country wood wrought & put up.

|                |      |       |       |        |       |
|----------------|------|-------|-------|--------|-------|
| Common rafters | 2x13 | 8'-3" | 0'-2" | 0'-4½" | 13.41 |
|----------------|------|-------|-------|--------|-------|

|             |   |        |       |       |      |
|-------------|---|--------|-------|-------|------|
| Wall plates | 2 | 18'-9" | 0'-3" | 0'-4" | 3.12 |
|-------------|---|--------|-------|-------|------|

|             |   |        |       |       |      |
|-------------|---|--------|-------|-------|------|
| Ridge piece | 1 | 18'-9" | 0'-3" | 0'-6" | 2.41 |
|-------------|---|--------|-------|-------|------|

|             |      |        |        |        |      |
|-------------|------|--------|--------|--------|------|
| Wood bricks | 12x4 | 0'-4½" | 0'-4½" | 0'-4½" | 1.27 |
|-------------|------|--------|--------|--------|------|

Total C. ft of wood work 20.21

#### 9 Levelling Course of concrete ½" thick

|                            |   |         |         |       |    |
|----------------------------|---|---------|---------|-------|----|
| Front & rear blocks inside | 2 | 14'-7½" | 4'-10½" | 0'-4" | 48 |
|----------------------------|---|---------|---------|-------|----|

Carried over 48







|                            |                           |    |      |           |     |     |
|----------------------------|---------------------------|----|------|-----------|-----|-----|
|                            |                           |    |      |           |     |     |
|                            | Brought forward           |    |      |           | 554 | 4   |
|                            | Trap door Cistern         |    | L.S. | 10        |     |     |
| Ans 12                     | Wooden Shutters including | 3  | L.S. | 36        |     |     |
|                            | Side pieces Complete for  |    |      |           |     |     |
|                            | openings to iron pans     |    |      |           |     |     |
| 3.78 Cuts<br>or<br>423 lbs | Iron work                 | 0  | 8    | 1 lbs     | 211 | 8   |
| 125 sq ft                  | Corrugated iron sheets    |    |      |           |     |     |
|                            | 24 B.W.P. for partitions  |    |      |           |     |     |
|                            | between seats including   |    |      |           |     |     |
|                            | bolts, nuts & etc         | 42 |      | 100 sq ft | 53  | 8   |
|                            | Tarring the iron work     |    | L.S. | 3         | 2   |     |
|                            | Contingencies at 5%       |    |      |           | 43  | 12  |
|                            | Petty Supervision at 2½%  |    |      |           | 21  | 14  |
|                            | Plan and estimate         |    |      |           |     |     |
|                            | making fees               |    |      |           | 20  |     |
|                            | Total Rs                  |    |      |           |     | 954 |

A. S. Ramair

27-8-18  
Sub-overseer passed from Govt

Institute Nagereol

10/11/18 11/12/18

Correspondent

## Rates for work.

|   |                                                                      |                 |
|---|----------------------------------------------------------------------|-----------------|
| 1 | Concrete broken stone quartz 2" gauge in lime mortar 100 c.ft.       |                 |
|   | Broken Stone 2" gauge 110 c.ft at Rs 4 per 100 c.ft.                 | Rs 4 - 6 - 4    |
|   | Lime ..... 21 c.ft at as 3¾ per c.ft                                 | Rs 4 - 14 - 4   |
|   | Sand ..... 42 c.ft at ps 6 per c.ft                                  | Rs 1 - 5 - 0    |
|   | Labour charges for grinding mortar 42 c.ft.                          |                 |
|   | at Rs 3 - 2 - 0 per 100 c.ft                                         | Rs 1 - 5 - 0    |
|   | Labour charges for laying concrete                                   | Rs 2 - 8 - 0    |
|   | Sundries for watering & etc                                          | Rs 0 - 5 - 4    |
|   |                                                                      | Rs 14 - 12 - 0  |
|   | or say Rs 14 - 12 - 0 per 100 c.ft.                                  |                 |
| 2 | Brick in lime mortar with ground moulded bricks 100 c.ft.            |                 |
|   | Bricks 8¾" x 4¼" x 2" ..... 1800 bricks at Rs 8-10-0 per 1000 bricks |                 |
|   | (Lime 16 c.ft at as 3¾ per c.ft)                                     | Rs 15 - 8 - 5   |
|   | Lime 16 c.ft at as 3¾ per c.ft                                       | Rs 3 - 8 - 0    |
|   | Sand 32 c.ft at ps 6 per c.ft                                        | Rs 1 - 0 - 0    |
|   | Labour charges for working                                           | Rs 5 - 14 - 6   |
|   | Sundries for scaffolding & etc                                       | Rs 1 - 1 - 7    |
|   | Labour charges for grinding mortar 32 c.ft.                          |                 |
|   | at Rs 3¾ per 100 c.ft                                                | Rs 1 - 0 - 0    |
|   |                                                                      | Rs 28 - 0 - 6   |
|   | or say Rs 28 - 0 - 0 per 100 c.ft.                                   |                 |
| 3 | Flat archwork brick in lime mortar 100 c.ft.                         |                 |
|   | Bricks 8¾" x 4¼" x 2" ..... 1800 bricks at Rs 8-10-0 per 1000 bricks |                 |
|   |                                                                      | = Rs 15 - 8 - 5 |
|   | Lime 16 c.ft at as 3¾ per c.ft                                       | Rs 3 - 8 - 0    |
|   | Sand 32 c.ft at ps 6 per c.ft                                        | Rs 1 - 0 - 0    |
|   | Charges for grinding mortar 32 c.ft at Rs 3¾                         |                 |
|   | per 100 c.ft                                                         | Rs 1 - 0 - 0    |
|   | Labour charges                                                       | Rs 7 - 2 - 6    |
|   | Sundries                                                             | Rs 0 - 1 - 1    |
|   |                                                                      | Rs 28 - 4 - 0   |
|   | or say Rs 28 - 4 - 0 per 100 c.ft.                                   |                 |
| 4 | Plastering with lime mortar 100 sq.ft with whitewash two coats       |                 |
|   | ¾" thick :-                                                          |                 |
|   | Lime 4 c.ft at as 3¾ per c.ft                                        | Rs 0 - 13 - 0   |
|   | Sand 8 c.ft at ps 6 per c.ft                                         | Rs 0 - 4 - 0    |
|   | Grinding mortar labour charges 8 c.ft.                               |                 |
|   | at 3¾ Rs per 100 c.ft                                                | Rs 0 - 4 - 0    |
|   | Labour charges                                                       | Rs 1 - 12 - 0   |
|   | Whitewashing two coats                                               | Rs 0 - 5 - 6    |
|   | Scaffolding and Sundries & etc                                       | Rs 0 - 1 - 6    |
|   | or say Rs 3 - 8 - 0 per 100 sq.ft.                                   | Rs 3 - 8 - 0    |



5 Cement painting:-  
Cement for grouting & etc 50 lbs or 1/2 a c.ft at Rs 20-5-0 per  
400 lbs or 4 c.ft one barrel  
= Rs 2-8-7  
Sand ..... 1 1/2 C.ft at 6 ps per 1 C.ft ..... Rs 0-0-9  
Labour charges ..... Rs 1-14-0  
Sundries ..... Rs 0-0-8  
Rs 4-8-0

or Say Rs 4-8-0 per 100 Sq.ft.

6 Cement plastering 1/2" thick 100 Sq.ft.  
Cement 2 c.ft at Rs 20-5-0 per 4 c.ft or 400 lbs a barrel Rs 10-2-6  
Sand ..... 5 C.ft at 6 ps per c.ft ..... Rs 0-2-6  
Labour charges ..... Rs 2-4-0  
Sundries for watering & etc ..... Rs 0-1-6  
Rs 12-10-6  
or Say Rs 12-10-0 per 100 Sq.ft.

7 Flooring with Cuddapah Slabs & painted with Cement 100 Sq.ft.  
100 Sq.ft of slabs including 5% wastages at Rs 20-0-0  
per 100 Sq.ft 105 Sq.ft ..... Rs 31-8-0  
Sand filling 6" thick ... 50 c.ft at 6 ps per c.ft Rs 1-9-0  
Cement painting 100 Sq.ft at Rs 4-8-0 per 100 Sq.ft Rs 4-8-0  
Labour charges ..... Rs 2-8-0  
Rs 40-1-0  
or Say Rs 40-0-0 per 100 Sq.ft.

8 Roofing with Single Tiles:- 100 Sq.ft Mangalore pattern roofing tiles  
Mangalore pattern roofing tiles 900 at Rs 60-0-0  
per 1000 tiles ..... Rs 9-0-0  
110 R.ft Teakwood reapers 2"x1" or 1.52 C.ft at Rs 62  
per C.ft. } Rs 9-2-0  
Reeper nails 3/4 lbs ..... Rs 0-4-0  
Carpenter to nail reapers ..... Rs 0-8-0  
Labour charges for spreading tiles ..... Rs 1-0-0  
Chunamb borders & Sundries ..... Rs 8-2-0  
Rs 20-0-0  
or Say Rs 20-0-0 per 100 Sq.ft.

9 Honey Comb works with raw tiles 100 Sq.ft.  
Raw tiles ..... 1800 Tiles at Rs 3-5-0 per 1000 Tiles } Rs 5-11-4  
Lime ..... 1 1/2 C.ft at as 3 3/4 per C.ft ..... Rs 1-0-9  
Sand ..... 9 C.ft at 6 ps per C.ft ..... Rs 0-4-6  
Mortar grinding 9 C.ft at 3 3/8 Rs per 100 C.ft ..... Rs 0-4-6  
Labour for setting ..... Rs 2-8-0  
Whitewashing two Coats ..... Rs 0-5-6  
Sundries ..... Rs 0-1-5  
Rs 10-4-0  
or Say Rs 10-4-0 per 100 Sq.ft.

10 Painting two Coats:- 100 Sq.ft.  
9 1/3 lbs of paint paints at Rs 14-0-0 per 28 lbs }  
Kig Silicate prepared mixture at as 8 per 1 lbs } Rs 4-8-0  
Labour for mixing & washing two Coats ..... Rs 1-4-0  
Sundries for scaffolding & brushes ..... Rs 0-8-0  
Rs 6-4-0  
or Say Rs 6-4-0 per 100 Sq.ft.

11 Levelling Course of brick jelly Concrete:- 4" thick 100 Sq.ft.  
27 C.ft of brick jelly at Rs 7-12-0 per C.ft ..... Rs 2-1-6  
Lime 6 C.ft at as 3 3/4 per C.ft ..... Rs 1-6-6  
Sand .. 12 C.ft at 6 ps per C.ft ..... Rs 0-6-0  
Grinding mortar 12 C.ft at 3 3/8 Rs per 100 C.ft .. Rs 0-12-0  
Labour charges ..... Rs 2-3-6  
Sundries ..... Rs 0-2-6  
Rs 7-0-0

or Say Rs 7-0-0 per 100 Sq.ft.

A. J. Ramair

27-8-18

Sub-overseer passed from  
govt Institute  
Mangalore

10/11/21 at Summer  
Correspondent



Estimate for constructing a latrine of twelve seats  
Type design No. 112 A for George Secondary School  
Kallidairurichi

| No. | Detail of work                                         | No. | Length   | Breadth | Depth<br>or<br>Height | Area<br>or<br>Contents | Total |
|-----|--------------------------------------------------------|-----|----------|---------|-----------------------|------------------------|-------|
| 1   | <u>Earthwork excavating foundations</u>                |     |          |         |                       |                        |       |
|     | Outside walls                                          | 1   | 50'-9"   | 2'-3"   | 2'-6"                 | 285                    |       |
|     | cross walls                                            | 1   | 16'-9"   | 2'-3"   | 2'-6"                 | 94                     |       |
|     | Screen wall outside                                    | 1   | 7'-0"    | 2'-3"   | 2'-6"                 | 39                     |       |
|     | Pilasters at corners                                   | 1   | 13'-6"   | 0'-4½"  | 2'-6"                 | 13                     |       |
|     | Wistern portion                                        | 1   | 5'-6"    | 5'-1½"  | 3'-9"                 | 106                    |       |
|     | L iron uprights for screens                            | 10  | 1'-0"    | 1'-0"   | 2'-6"                 | 25                     |       |
|     | Total C. ft of earthwork                               |     |          |         |                       | 562                    |       |
|     | <u>Deduction</u>                                       |     |          |         |                       |                        |       |
|     | Portion of left side wall                              | 1   | 5'-1½"   | 2'-3"   | 2'-6"                 | 29                     |       |
|     | Total deduction --- C. ft                              |     |          |         |                       | 29                     |       |
|     | Total earthwork excavating foundation                  |     |          |         |                       |                        |       |
|     | clear of all C. ft                                     |     |          |         |                       |                        | 533   |
| 2   | <u>Concrete (broken stone 2" gauge in lime mortar)</u> |     |          |         |                       |                        |       |
|     | Outside wall                                           | 1   | 50'-9"   | 2'-3"   | 1'-6"                 | 171                    |       |
|     | cross wall                                             | 1   | 16'-9"   | 2'-3"   | 1'-6"                 | 57                     |       |
|     | Screen wall outside                                    | 1   | 7'-0"    | 2'-3"   | 1'-6"                 | 24                     |       |
|     | Pilasters at corners                                   | 1   | 12'-0"   | 0'-4½"  | 1'-6"                 | 7                      |       |
|     | Wistern portion                                        | 1   | 5'-6"    | 5'-1½"  | 1'-3"                 | 35                     |       |
|     | L iron uprights for screens                            | 10  | 1'-0"    | 1'-0"   | 2'-6"                 | 25                     |       |
|     | Total C. ft of Concrete                                |     |          |         |                       | 319                    |       |
|     | <u>Deduction</u>                                       |     |          |         |                       |                        |       |
|     | Portion of left side wall                              | 1   | 5'-1½"   | 2'-3"   | 1'-6"                 | 17                     |       |
|     | Total deduction in C. ft                               |     |          |         |                       | 17                     |       |
|     | Total C. ft of Concrete clear of all                   |     |          |         |                       |                        | 302   |
| 3   | <u>Ground moulded brick in lime mortar</u>             |     |          |         |                       |                        |       |
|     | <u>Foundation &amp; basement:—</u>                     |     |          |         |                       |                        |       |
|     | Outside wall                                           | 1   | 49'-7½"  | 1'-1½"  | 1'-6"                 | 84                     |       |
|     | cross wall                                             | 1   | 17'-10½" | 1'-1½"  | 1'-6"                 | 30                     |       |
|     | Carried over ---                                       |     |          |         |                       | 114                    |       |



|                                           |    |         |        |        |     |
|-------------------------------------------|----|---------|--------|--------|-----|
| Brought forward.                          |    |         |        |        | 114 |
| Screen wall outside                       | 1  | 5'-10½" | 1'-1½" | 1'-6"  | 10  |
| Extra portion in left side wall           | 1  | 4'-0"   | 1'-1½" | 1'-6"  | 7   |
| Pilasters at corners                      | 1  | 7'-10½" | 0'-4½" | 1'-6"  | 4   |
| Cistern wall 3 sides                      | 1  | 9'-0"   | 0'-9"  | 3'-0"  | 20  |
| Retaining wall at entrance                | 2  | 1'-7½"  | 0'-4½" | 1'-6"  | 2   |
| Superstructure:—                          |    |         |        |        |     |
| Outside wall                              | 1  | 49'-3"  | 0'-9"  | 5'-6"  | 203 |
| Cross wall                                | 1  | 15'-9"  | 0'-9"  | 5'-6"  | 65  |
| Pillars over cross walls                  | 2  | 1'-1½"  | 0'-9"  | 4'-0"  | 7   |
| Portion of cross wall outside with coping | 1  | 2'-6"   | 0'-9"  | 5'-6"  | 10  |
| Screen wall outside with coping           | 1  | 5'-6"   | 0'-9"  | 5'-6"  | 23  |
| Pillar on left side wall                  | 1  | 1'-1½"  | 0'-9"  | 4'-0"  | 3   |
| Gable over right end walls                | 2  | 2'-10½" | 0'-9"  | 1'-3"  | 5   |
| Pilasters at corners                      | 1  | 6'-0"   | 0'-4½" | 5'-6"  | 12  |
| Thin wall in front of seats               | 2  | 15'-0"  | 0'-4½" | 0'-4½" | 4   |
| Total C. ft brick in mortar               |    |         |        |        | 489 |
| Deduction                                 |    |         |        |        |     |
| Small openings in front & rear walls      | 12 | 0'-10½" | 0'-9"  | 0'-9"  | 6   |
| Arch work as per details below            |    |         |        |        | 8   |
| Total deduction in C. ft                  |    |         |        |        | 14  |
| Total brick in mortar clear of all C. ft  |    |         |        |        | 475 |
| 4 Flat archwork brick in lime mortar      |    |         |        |        |     |
| Over openings in front & rear walls       | 12 | 1'-1½"  | 0'-9"  | 0'-9"  | 8   |
| Total C. ft of flat archwork              |    |         |        |        | 8   |

|                                                                                                                   |     |          |       |       |     |
|-------------------------------------------------------------------------------------------------------------------|-----|----------|-------|-------|-----|
| 5 Plastering with lime mortar two coats                                                                           |     |          |       |       |     |
| Main wall inside                                                                                                  | 2   | 22'-9"   | "     | 2'-6" | 57  |
| Cross wall                                                                                                        | 2   | 15'-9"   | "     | 2'-9" | 87  |
| Sides of pillars over cross and end wall                                                                          | 1   | 6'-9"    | "     | 4'-0" | 27  |
| Gable over right end walls                                                                                        | 2x2 | 2'-10½"  | "     | 1'-0" | 12  |
| Sides of right end walls                                                                                          | 2   | 0'-9"    | "     | 7'-6" | 11  |
| Outside wall                                                                                                      | 1   | 56'-9"   | "     | 5'-6" | 312 |
| Portion of cross walls outside with coping                                                                        | 1x2 | 2'-6"    | "     | 6'-0" | 30  |
| Screen wall with coping                                                                                           | 1x2 | 6'-3"    | "     | 6'-0" | 75  |
| End of cross wall                                                                                                 | 1   | 0'-9"    | "     | 4'-0" | 3   |
| Basement wall all round                                                                                           | 1   | 89'-10½" | "     | 0'-9" | 67  |
| Total Sq. ft of plastering                                                                                        |     |          |       |       | 681 |
| 6 Plastering with portland Cement ½" thick:—                                                                      |     |          |       |       |     |
| Sides of this wall in front of seats                                                                              | 2   | 15'-0"   | 0'-9" | "     | 23  |
| Main wall inside                                                                                                  | 2   | 22'-9"   | "     | 3'-0" | 137 |
| Cross wall                                                                                                        | 2   | 15'-9"   | "     | 2'-9" | 87  |
| Sides & soffit of openings in main wall                                                                           | 12  | 2'-6"    | 0'-9" | "     | 23  |
| Side walls of cistern                                                                                             | 1   | 10'-0"   | "     | 3'-0" | 30  |
| Top of cistern                                                                                                    | 1   | 9'-0"    | "     | 0'-9" | 7   |
| Floor of cistern                                                                                                  | 1   | 2'-6"    | "     | 2'-6" | 6   |
| Sides of cistern                                                                                                  | 1   | 10'-6"   | "     | 0'-9" | 8   |
| Drain outside                                                                                                     | 2   | 22'-0"   | "     | 1'-3" | 55  |
| Total Sq. ft Cement plastering                                                                                    |     |          |       |       | 376 |
| 7 Roofing with mangalore pattern tiles on teak wood sleepers 2"x1" including nails, chunam borders & etc complete |     |          |       |       |     |
| Front and rear                                                                                                    | 2   | 18'-6"   | 8'-3" | "     | 305 |
| Total Sq. ft of roofing                                                                                           |     |          |       |       | 305 |



|    |                                                                       |      |         |         |              |
|----|-----------------------------------------------------------------------|------|---------|---------|--------------|
| 8  | Country wood wrought and put up                                       |      |         |         |              |
|    | Common rafters                                                        | 2x13 | 8'-3"   | 0'-2"   | 0'-4½" 13.41 |
|    | Wall plates                                                           | 2    | 18'-9"  | 0'-3"   | 0'-4" 3.12   |
|    | Ridge piece                                                           | 1    | 18'-9"  | 0'-3"   | 0'-6" 2.41   |
|    | Wood bricks                                                           | 12x4 | 0'-4½"  | 0'-4½"  | 0'-4½" 1.29  |
|    | Total C. ft of wood work                                              |      |         |         | 20.21        |
| 9  | Levelling Course of Concrete 4" thick                                 |      |         |         |              |
|    | Front & rear block inside                                             | 2    | 14'-7½" | 4'-10½" | 0'-4" 4.8    |
|    | Sill of entrance                                                      | 2    | 1'-7½"  | 0'-9"   | 0'-4" 1      |
|    | Drain outside                                                         | 2    | 22'-0"  | 1'-0"   | 0'-6" 2.2    |
|    | Total C. ft of levelling Course                                       |      |         |         | 71           |
| 10 | Paving with Cudappah Slabs 1½" thick and pointed with portland Cement |      |         |         |              |
|    | Front & rear block inside                                             | 2    | 15'-0"  | 5'-0"   | " 150        |
|    | Sills of entrance                                                     | 2    | 2'-0"   | 0'-9"   | " 3          |
|    | Sills of archways                                                     | 2x6  | 1'-0"   | 0'-9"   | " 9          |
|    | Total Sq. ft of paving with slabs                                     |      |         |         | 162          |
| 11 | Painting two coats                                                    |      |         |         |              |
|    | Common rafters                                                        | 2x13 | 8'-3"   | "       | 0'-11" 197   |
|    | Ridge piece                                                           | 1    | 18'-6"  | "       | 1'-3" 23     |
|    | Total Sq. ft of painting                                              |      |         |         | 220          |
| 12 | Honey Comb work including tiles                                       |      |         |         |              |
|    | Over side wall                                                        | 2    | 4'-9"   | "       | 2'-0" 19     |
|    | Over cross wall                                                       | 2    | 6'-9"   | "       | 4'-0" 54     |
|    | Total Sq. ft of honey Comb work                                       |      |         |         | 73           |
| 13 | Cudappah slab foot rests                                              | 10   |         |         | 2.8 Nos 10   |
| 14 | Iron pans 15"x9"x6"                                                   | 12   |         |         | 12 Nos 12    |
| 15 | Iron buckets                                                          | 1    |         |         | 1 Nos 1      |
| 16 | Trap door for Cistern                                                 |      |         |         | 2.8 Nos 1    |

|    |                                                                            |    |       |              |                 |
|----|----------------------------------------------------------------------------|----|-------|--------------|-----------------|
| 17 | Wooden shutters including                                                  |    |       |              |                 |
|    | Side pieces Complete for openings to pass iron pans                        |    |       |              | 12              |
| 18 | Iron work:-                                                                |    |       |              |                 |
|    | L iron uprights 1½"x1½"x¼"                                                 | 20 | 8'-0" | 160x2.29 lbs | 366             |
|    | L iron top pieces 1½"x1½"x¼"                                               | 10 | 2'-6" | 25x2.29 lbs  | 57              |
|    | Total lbs                                                                  |    |       |              | 423 or 3.78 cwt |
| 19 | Corrugated iron sheets                                                     |    |       |              |                 |
|    | 24 B.W.G for partitions between seats including bolts, nuts & etc Complete |    |       |              |                 |
|    | Between seats                                                              | 10 | 2'-6" | " 5'-0"      | 125             |
|    | Total Sq. ft Corrugated iron sheets                                        |    |       |              | 125             |
| 20 | Tarring the iron work & etc                                                |    |       |              |                 |
|    |                                                                            |    |       |              | 2.8             |

A. S. Rammer  
27-8-18

Sub-overseer passed from  
govt Institute Nagcoil  
18/8/18 - A. S. Rammer  
Correspondent



Abstract estimate for the latrine of 12 Seats  
for George Secondary School Kallidarkurichi

11

| Quantity     | Description of work                                                      | Rate |    |    | Units     | Amount |    | Total |
|--------------|--------------------------------------------------------------------------|------|----|----|-----------|--------|----|-------|
|              |                                                                          | Rs   | as | ps |           | Rs     | as |       |
| 533 C-ft     | Earthwork excavating foundations                                         | 5    | .  | .  | 1000 C-ft | 2      | 10 |       |
| 302 C-ft     | Concrete (broken stone 2" gauge in mortar)                               | 14   | 12 | .  | 100 C-ft  | 44     | 8  |       |
| 475 C-ft     | Ground moulded brick in lime mortar                                      | 28   | .  | .  | 100 C-ft  | 133    | .  |       |
| 8 C-ft       | Flat arch work brick in lime mortar                                      | 28   | 4  | .  | 100 C-ft  | 1      | 14 |       |
| 681 sq-ft    | Plastering with lime mortar Two coats                                    | 3    | 8  | .  | 100 sq-ft | 23     | 13 |       |
| 376 sq-ft    | Plastering with Cement $\frac{1}{2}$ " thick                             | 12   | 10 | .  | 100 sq-ft | 47     | 6  |       |
| 305 sq-ft    | Roofing with Mangalore tiles over teakwood rafter 2" x 1"                | 20   | .  | .  | 100 sq-ft | 61     | .  |       |
| 20.2 C-ft    | Country wood wrought & put up (longoo)                                   | 4    | 8  | .  | 1 C-ft    | 91     | .  |       |
| 71 C-ft      | Levelling Course of Concrete $\frac{1}{4}$ " thick                       | 7    | .  | .  | 100 C-ft  | 5      | .  |       |
| 162 sq-ft    | Painting with Cudappah Slabs $\frac{1}{2}$ " thick & painted with Cement | 40   | .  | .  | 100 sq-ft | 64     | 13 |       |
| 220 sq-ft    | Painting Two coats                                                       | 6    | 4  | .  | 100 sq-ft | 13     | 12 |       |
| 73 sq-ft     | Honey Comb work with tiles                                               | 10   | 4  | .  | 100 sq-ft | 7      | 8  |       |
| Nos 24       | Cudappah Slab foot rests                                                 | .    | 8  | .  | each      | 12     | .  |       |
| Carried over |                                                                          |      |    |    |           | 508    | 4  |       |

7/10/50. A

21-2-55

used 6000 of material - 200  
10000 of material - 200

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27-2-55

200 - 10000 - 10000 - 10000

10000 - 10000 - 10000



Correspondent

|   |                                                                          |                |
|---|--------------------------------------------------------------------------|----------------|
| 1 | Concrete broken stone quartz 2" gauge in lime mortar 100 C. ft           |                |
|   | Broken stone 2" gauge 110 C. ft at Rs 4 - 0 - 0                          |                |
|   | per 100 C. ft                                                            | Rs 4 - 6 - 4   |
|   | Lime 21 C. ft at 3 3/4 as per C. ft                                      | Rs 4 - 14 - 4  |
|   | Sand 42 C. ft at ps 6 per C. ft                                          | Rs 1 - 5 - 0   |
|   | Labour charges for grinding mortar                                       |                |
|   | 42 C. ft at Rs 3 - 2 - 0 per 100 C. ft                                   | Rs 1 - 5 - 0   |
|   | Labour charges for laying concrete                                       | Rs 2 - 8 - 0   |
|   | Sundries for watering & etc                                              | Rs 0 - 5 - 4   |
|   |                                                                          | Rs 14 - 12 - 0 |
|   | or Say Rs 14 - 12 - 0 per 100 C. ft.                                     |                |
| 2 | Brick in lime mortar with ground moulded bricks 100 C. ft                |                |
|   | Bricks 8 3/4" x 4 1/4" x 2" ..... 1800 bricks                            |                |
|   | at Rs 8 - 10 - 0 per 1000 bricks                                         | Rs 15 - 8 - 5  |
|   | Lime 16 C. ft at 3 3/4 as per 1 C. ft                                    | Rs 3 - 8 - 0   |
|   | Sand 32 C. ft at ps 6 per C. ft                                          | Rs 1 - 0 - 0   |
|   | Labour charges for working                                               | Rs 5 - 14 - 6  |
|   | Sundries for scaffolding & etc                                           | Rs 1 - 1 - 7   |
|   | Labour charges for grinding mortar                                       |                |
|   | 32 C. ft at 3 1/8 Rs per 100 C. ft                                       | Rs 1 - 0 - 0   |
|   |                                                                          | Rs 28 - 0 - 6  |
|   | or Say Rs 28 per 100 C. ft                                               |                |
| 3 | Flat archwork brick in lime mortar 100 C. ft                             |                |
|   | Bricks 8 3/4" x 4 1/4" x 2" ..... 1800 bricks                            |                |
|   | at Rs 8 - 10 - 0 per 1000 bricks                                         | Rs 15 - 8 - 5  |
|   | Lime 16 C. ft at 3 3/4 as per one C. ft.                                 | Rs 3 - 8 - 0   |
|   | Sand 32 C. ft at ps 6 per C. ft                                          | Rs 1 - 0 - 0   |
|   | Charges for grinding mortar 32 C. ft                                     |                |
|   | at Rs 3 1/8 per 100 C. ft                                                | Rs 1 - 0 - 0   |
|   | Labour charges                                                           | Rs 7 - 2 - 0   |
|   | Sundries                                                                 | Rs 0 - 1 - 1   |
|   |                                                                          | Rs 28 - 4 - 0  |
|   | or Say Rs 28 - 4 - 0 per 100 C. ft.                                      |                |
| 4 | Plastering with lime mortar 100 sq. ft with whitewash 2 coats 3/4" thick |                |
|   | Lime 4 C. ft at Rs 3 3/4 per C. ft                                       | Rs 0 - 13 - 0  |
|   | Sand 8 C. ft at ps 6 per C. ft                                           | Rs 0 - 4 - 0   |
|   | Grinding mortar labour charges 8 C. ft                                   |                |
|   | at 3 1/8 Rs per 100 C. ft                                                | Rs 0 - 4 - 0   |
|   | Labour charges                                                           | Rs 1 - 12 - 0  |
|   | Whitewashing two coats                                                   | Rs 0 - 5 - 6   |
|   | Scaffolding and Sundries & etc                                           | Rs 0 - 1 - 6   |
|   |                                                                          | Rs 3 - 8 - 0   |
|   | or Say Rs 3 - 8 - 0 per 100 sq. ft.                                      |                |







E. W. N O T E. N° 6376 c Dated 31<sup>st</sup> Oct 1918

An estimate amounting to Rs.25,310 inclusive of Rs.460 for a latrine of 6 seats according to the drawing D.P.I. No. 44 of 1913 for constructing the George Secondary School Kalladaikurichi, Tinnevely district, was approved in G.O. No. 120 Educational, dated 27th January 1914.

II The Director of Public Instruction now submits for sanction a drawing C.A. No.209/1909 and a revised estimate amounting to Rs.954 for additional grant-in-aid towards the cost of a fresh latrine of 12 seats in lieu of the one referred to in paragraph I. It is presumed that the Director of Public Instruction has satisfied himself that 12 seats are necessary.

III The drawing and the revised estimate have been examined in the Chief Engineer's Office and it is observed that steel and corrugated iron provided in the latter are expensive and difficult to procure at present. A Masonry Latrine according to San. No.2/1917 as altered in red chalk to contain two compartments of 6 seats each and estimated to cost Rs.680 is recommended to be adopted.

(Sd) S. B. Murray.

Chief Engineer P.W.D.

460  
29/10/18  
2220  
110

C.R.L.  
29/10

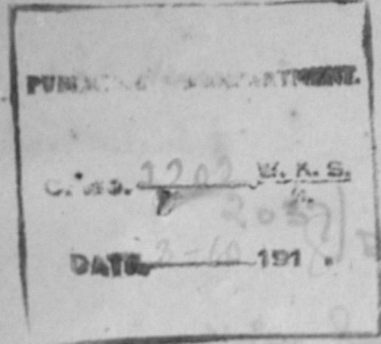


Subject.

Enhanced grant to the Govt. secondary school, Kallidai Kuruchi.

[No. 2037 B] From the S.P.D., R.O. No. 9775/13 D, 25.9.18.

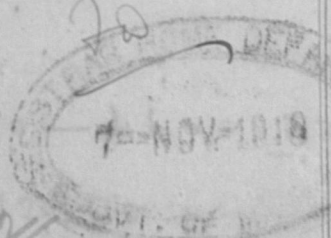
Home (Edn) Dept.



Home (Edn) No. 2037 B-1  
1.10.18  
(with 2 plans)



Showered the  
and the  
Plan to estimate  
recommended by the  
CC left reply.  
P.W.D. 2202 WKB  
6-11-18



ACI  
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The revised estimate has not been approved by any officer of the P.W.D. Submitted that the plans and estimates may be forwarded to P.W.D. for remarks whether they may be accepted.

30.9.18

P.W.D.

A copy of the C.S. No. 2037 B-1  
P.W.D.  
The Chief Engineer P.W.D. No. 6700/18  
No. 414/18  
The plan to the revised estimate have been examined by the Chief Engineer's office but, in view of the fact that steel & masonry work are expensive & difficult to procure, the Chief Engineer recommends a masonry latrine based on San No. 2/1917 & estimates to cost Rs 680, vide his note read above. With these remarks the file may be returned to the Home (Edn) Dept.

The plan to the revised estimate have been examined by the Chief Engineer's office but, in view of the fact that steel & masonry work are expensive & difficult to procure, the Chief Engineer recommends a masonry latrine based on San No. 2/1917 & estimates to cost Rs 680, vide his note read above. With these remarks the file may be returned to the Home (Edn) Dept.

am  
31/10  
4.11.18

Home (Edn) No. 2037 B-1

A draft order to Subd.  
8.11.18  
9.11.18



Building Grant.

Raising the maximum amount of - (Edm)

Sanctioned for the constn of a building for the George Sec. School, Kalladai Kurichi, from Rs 12,655 to Rs 12,765 and commencing the plan of a latrine for

READ AGAIN G.O. No. adopted to the authority of the school.

READ ALSO:-

C. No. 2037/B From the D.P. J., P.O.C., No. 9775/13, dated 25.9.1918.

" " Note by the L.E., P.W.D., No. 6376 C, d/ 31.10.1918.

ORDER.

MUS.

No. 1445, dated 12/11/1918.

A copy of the C.E.S. note no 6376 C d/ 31.10.18 is communicated to the D.P.J. with the request that a necessary latrine be

② -ing to San. No. 2/1917, as altered in red chalk, (copy enclosed) should be commended to the authorities of the George Secondary School, Kalladai Kurichi for adoption

Shoud the School authorities adopt the C.E.S. suggestion,

② the maximum amount of the grant sanctioned in G.O. No. 120 Edm., d/ 27th January 1914 towards the cost of constructing a building for the aforesaid school will be raised from Rs 12,655 to Rs 12,765, the excess representing half of the

Rs 680 - 460 = 220 / 2 = 110. 12,655 + 110 = 12,765

Shoud the School authorities adopt the C.E.S. suggestion,

Rs 680 - 460 = 220 / 2 = 110. 12,655 + 110 = 12,765



$\frac{3}{8.11.18}$ 
 $\frac{9}{9.11.18}$

DATE

ENCLOSURES TO C. No.

### ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH LITTO:

PAPEES NOT FILED UP, BEING MEANT FOR DESPATCH  
IN ORIGINAL.

N.B.—

A = Copy in full.  
B = Not to be copied.  
P = Copy abstract only.  
Q = Copy heading only.