

(1) Number of pages 140
(2) Date of repair 1482
(3) Initials of the Referencer bus

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P W DEPARTMENT

G.O. No.
B.P. No.

2157

Press.
Mis.

Dated

22.8.1882 197 .

folded or roughly handled

22ND AUGUST 1882, No. 2157 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 144.

READ—the following papers :—

From the Consulting Architect to Government, dated 16th November 1880, No. 494.
Endorsement of the Educational Department dated 28th April 1881, No. 785, on letter
No. 1752, dated 25th April 1881, from the Director of Public Instruction, Madras.
From the Consulting Architect to Government, dated 9th May 1881, No. 99.
From the Director of Public Instruction, Madras, dated 8th June 1882, No. N-45.
Proceedings of Government in the Educational Department, dated 20th July 1882, No. 161.

No. 145.

ORDER—dated 22nd August 1882, No. 2157 W., Public Works.

Under the circumstances explained by the Director of Public Instruction in his letter recorded with G.O., No. 161, dated 20th July 1882 (Educational), the project for erecting a school-house at Rajah-mundry will be abandoned, and the current year's budget provision as shown in the margin* from Educational Funds will be replaced at the disposal of the Financial Department.

	RS.
* For Works	4,000
" Establishment	920
" Tools and Plant	100
Total	5,020

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer, First Circle.
" Consulting Architect to Government.
" Director of Public Instruction.
" Examiner of Public Works Accounts.
" Financial Department.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras
PUBLIC WORKS.

Dated August, 22nd

Recd.

G.O., 22nd Aug. 1882, No. 2157 W.

AUGUST.
Nos. 144-145.

School-house at Rajahmundry.

*The project for erecting a — abandoned,
and the current year's budget provision,
Rs. 5,020, from Educational Funds replaced
at the disposal of the Financial Department.*

20TH JULY 1882, No. 161, EDUCATIONAL.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following paper:—

From H. B. GRIGG, Esq., M.A., Director of Public Instruction, to the Chief Secretary to Government, dated Ootacamund, 12th June 1882, No. 55-N.

In March 1879 my predecessor proposed the amalgamation of certain schools—Government and Aided—in Rajahmundry into one large Government Middle and Primary School, and suggested the erection of a building for the new school. In their Order, No. 160, dated 3rd May 1879, on this letter, the Government demurred to approving a measure which involved the abolition of certain Aided schools in favor of a Government school and called for a report on the general question raised. To this reference Colonel Macdonald replied in letter, No. 2213, dated 28th May 1879, on which no orders have as yet been passed, but in Memorandum, dated 4th August 1879, No. 1538, they required an estimate and plan of the proposed building and a report as to the funds available. Plans and estimates were accordingly submitted to Government with the Director's letter, dated 20th April 1880, No. 1668. The estimates, which Colonel Macdonald seems to have approved, amounted approximately to Rs. 30,000 including supervision, &c. After some further correspondence, by Government Order, dated 12th June 1880, No. 213, the papers and plans were forwarded to the Director of Public Instruction in view of an accurate estimate being obtained. These plans and estimates were sent to me for remarks, which I submitted in my letter, No. 1752, dated 25th April 1881, in which I stated that I considered the provision insufficient, but deferred making any final recommendation until I had visited Rajahmundry. This I hoped to have done before the close of the year, but other duties have hitherto interfered with my proposed tour in the Northern Circars.

2. It will be observed that the scheme has not as yet been sanctioned by Government, and I now beg to suggest that it be abandoned for the following reasons:

- (a) A building of suitable dimensions and character can hardly be erected for a sum much below forty thousand rupees, whilst, now that the estimate for the Chittoor High School building has been sanctioned, the present liabilities of the Building Fund approximately equal the assets. On the other hand, I feel sure the Government would never approve the expenditure of so large a sum from Provincial Revenues, especially when it is considered that the people of the town, who are already favored with a Government College and High School, will contribute comparatively nothing towards the outlay.
- (b) The improbability of the school, when established, being able to hold its own against the competition of private schools. Already the upper fourth class of the Government College, which numbered some sixty-four boys in 1879, has dwindled down to thirty-five at the end of the last session, thus requiring the services of one teacher to be dispensed with. The future prospects of the class, which represented, not one-third of the aggregate strength of the upper fourth classes in the town, was so uncertain that, after consulting the Principal, I have resolved to discontinue the class, thus effecting a gross saving to Provincial Funds of Rs. 100 monthly and

to throw all education, excepting that for Muhammadans, on private Aided agency. I anticipate that the result will be improvement of the Middle Schools of the town, which, Mr. Metcalf informs me, possess adequate teaching power, but, with one exception, do not thrive, partly in consequence of the indifference of those most concerned.

- (c) Lastly, I consider, in an important town like Rajahmundry, where the desire for education is strong, that the Municipal authorities and the citizens generally should be impelled to provide the middle and primary education for the young people of the town.

ORDER—dated 20th July 1882, No. 161, Educational.

The Director's recommendation is approved.

(True Extract.)

Edmund H. H. H.
for Chief Secretary.

To the Director of Public Instruction.

„ Public Works Department, with reference to G.O., 12th June 1880, No. 213. ✓

„ Collector of Godavari.

Exd. J. W. Fischer.

826

Govt. of (1882) Madras.
EDUCATIONAL.

Issued

Recd. *G. S. C.* Encl.

G.O., 20th July 1882, No. 161.

21574

JULY.

Middle Schools.

Approving the Director's recommendation that the construction of a Government Middle School-house at Rajahmundry be abandoned.

Oct 10/82
only 10/8.

ROADS AND BUILDINGS.

No. 494

CONSULTING ARCHITECT'S OFFICE,
Chennai, 16th Nov. 1870

From

THE CONSULTING ARCHITECT TO GOVERNMENT,

To

THE CHIEF ENGINEER, PUBLIC WORKS DEPARTMENT,
BUILDINGS AND ROADS BRANCH.

SIR,

Enclosures.

- 1 File
- 1 Estimate
- 1 Tracing

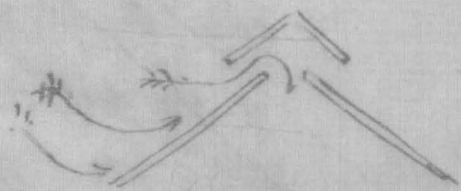
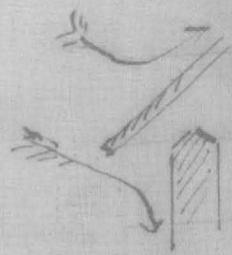
I have the honor to return the Papers received with your Memo No 514 dated the 7th instant and to forward for your consideration a design for the New Middle Class School at Rajahmundry.

2. Verandahs. An 8 ft Verandah is in my opinion ample for any building and even this should not run all round. Experience proves that all Verandahs over 6 feet are closed eventually by mats or other means and converted into rooms in such a way as to deprive the building proper of the advantages originally intended to be conferred by the verandah. And again moisture is so intimately connected with the sensation of heat, and with the healthiness of a building that within certain limits, parts of the main walls should be thrown forward here and there, to catch a fair share of the great purifier "sunshine."

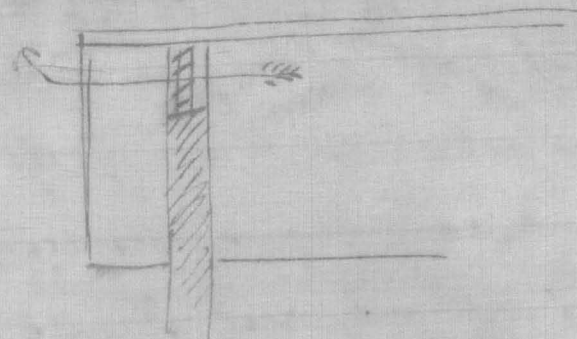
3. Block Turret. With regard to the Turret and Central *...* on plan No 3 I would

earnestly solicit the Government to revise the Standard designs for Taluk Butcherries. The conditions attached to this design were that a central stronghold capable of being defended by 4 or 5 men for several hours should be so situated, that it could be detached easily from the jail on one side and the cutcherry on the other. It would be scarcely possible with such a condition to design anything commendable to the eye, now that the idea of defence has been abandoned, the design should be remodelled to a cheaper and more elegant form, in place of this, the Original designs are not only being carried out, but as in this instance, thought worthy of imitation, simply because the forms bear the stamp of Government approval.

4 Ventilation - I have never adopted this system of ventilation as I believe it to be imperfect. The history of every ridge Ventilator is the same. It is excellent when first made as a ventilator, but equally good as a scoop for catching driving rain. It is eventually either closed by boards or lengthened in the lap to such an extent as to be useless. There is never any difficulty in venting at the eaves



and if gables are thrown out here and there a most valuable direct Ventilator can be opened beneath the ridge.



5 The design which I now submit affords an area of 4632 superficial ft. against an area of 4696 superficial feet in plan N° 3, it possesses the advantages of compactness and greater altitude. The Clock Tower as designed forms a very insignificant item of cost. The small pieces of carved wood, the only ornament the building will have, can be executed and forwarded from Madras at the prices quoted.

6 If the design is approved, I beg that either the working drawings should be submitted for my approval or that I may be directed to supply them to the builders.

With regard to the cost of the structure I am in some doubt whether my rate for public stone is sufficient. If it is not I would recommend varying out the building with

18 inches brick walls in place of 2 ft stone ones.
This will eliminate the most important item
likely to vary, and it will also ensure the acquisition
of a trustworthy estimate.

If the area of plan 3 is absolutely necessary
the central part should be increased in length
by 3 bays which will bring the Estimate up
to 2,000 and odd rupees. As designed the
building will only cost Rupees 18,620 and this
sum may be still further reduced by omitting
any or all of the special works noted in the
abstract. If all are omitted the total cost
will be Rupees 14,120-0-0.

I have the honor to be,

Yours

most obedt. servant

W. H. H. H.

Consy. Archt. to Government.

18 inches brick walls in place of 2 ft stone c. ss.

This will eliminate the most important item likely to vary, and it will also ensure the acquisition of a trustworthy estimate.

If the area of plan 3 is absolutely necessary the central part should be increased in length by 3 bays which will bring the Estimate up to 2,000 and odd rupees. As designed the building will only cost Rupees 18,620 and this sum may be still further reduced by omitting any or all of the special works noted in the abstract. If all are omitted the total cost will be Rupees 14,130-0-0.

I have the honor to be

Dear

Yours most obedt. servant

W. H. Wilson

Cons. Archt. to Government

TO BE RETURNED
WITH REPLY.

No 2307

Educl. 1880 Dept.
(Middle class
Schools)

Referred to the
Director of Public
Instruction.

3/12/80
A. Davidson
Chief Secy.

1/12/80
No 497
Refused to the Inspector of
Schools, P. W. D.

H. O. Jeff
S. R. 2.

Feb 8. 1881

From P. W. D.

No. 2657

Dated 29 Jan^r
Recd 1 Dec^r } 80
Encl.

Referring letter
from Consulting Architect
regarding the construction
of a middle class school
at Rajahmundry for
opinion as to the sufficiency
of area allowed.

4/1

With Enclosure

P. W. DEPARTMENT.

Read the following:-

Letter from the Consulting Architect to Government,
No 494, dated 16th November 1880.
Endorsement in the Educational Department
No 785, dated 28th April 1881 on letter from the
Director of Public Instruction, No 1752, dated
25th April 1881.

FOR ORDERS.

As to whether the
project is to be
deferred till the
Director of Public
Instruction, having
visited Rajahmundry
at the end of the
year, submits the
report promised
in para 4 of his
letter.

A. H. Lawrence

Col. R. R.

Secy: Government
P. W. D.

R. S.

No. 49 O. C. of 7th May 81

GOVT.
OF MADRAS.

188/.

P. W.
DEPT.

SECRETARY.

Chepauk,

188

OFFICE NOTE.

To

Endorsement in the
Educational Department,
No. 485, of 28th April 1881,
on letter from the Director
of Public Instruction,
No. 1752, dated 25th April 81.

By

The Engr. Architect

For perusal and return
with reference to his letter
No. 494, dated 16th Nov 80.

2. It has been decided
to defer the project till
the Director of Public
Instruction has seen

visited Rajahmundry at
the end of the year, sub-
mits the report pro-
mised in para 4 of
his letter.

3- The omission of the
usual "Report" with the
estimate has been noticed.

J. L. R. H.

Jr.

J. L. R. H.

Sept 7-6-81-

Head of service
Fund
Class
Main head

Godavari District
Division

Detailed Estimate for constructing a Middle Class
School at Rajahmundry.

Description of Work	No	L	B	D	Contents	Total
<u>Excavation for foundations</u>						
Longitudinal walls	2	140.0				
End walls	2	24.0				
Front sides of transepts	4	41.0	5.0	0.5	0	12863
Spiral	1	10.0				
Wall near spiral	1	12.0				
Back verandah walls	1	57.0				
front	1	45.0	4.0	0.5	0	5200
end	2	79.0				
steps	1	20.0	7.0	3.1	0	218
	2	22.0	6.0	9.1	0	446
					Cubic feet	18727

Concrete

Longitudinal walls	2	140.0				
End walls	2	24.0				
Front and ends of transepts	4	41.0	5.0	0.1	0	3859
Spiral	1	10.0				
Wall near spiral	1	12.0				
Back verandah wall	1	57.0				
Front	1	45.0	4.0	0.1	0	1560
end	2	79.0				
steps	1	20.0	7.0	3.1	0	145
	2	22.0	6.0	9.1	0	297
					Cubic feet	5861

Rough stone in foundations

Footings

Longitudinal walls

End walls

Transverse

Spiral

Wall near spiral

Do

Back verandah wall

Front

Do

End

Do

Above footings to ground level

Longitudinal walls

End

Do

Transverse

Spiral

Wall near spiral

Do

Back verandah wall

Front

Do

End

Do

Steps

Do

2 140.0 } 3.61.6 2615

2 24.0

4 42.6

1 9.05.01.6 68

1 12.03.61.6 63

1 1.64.01.6 9

1 58.6

1 46.6 } 2.61.6 998

2 82.6

2 140.0

2 24.0 } 2.02.0 2016

4 44.0

1 7.65.02.0 75

1 12.02.02.0 48

1 3.02.62.0 15

1 60.0

1 49.6 } 1.02.0 547

2 82.0

1 20.07.30.6 73

2 22.06.90.6 149

Cubic feet 6676

Rubble masonry in Basement

Longitudinal walls

End walls

Transverse

Spiral

Wall near spiral

Do

Back verandah wall

Front

Do

End

Do

2 140.0

2 24.0 } 2.03.0 3024

4 44.0

1 7.65.03.0 113

1 12.02.03.0 72

1 3.02.63.0 23

1 60.0

1 49.6 } 2.03.0 1641

2 82.0

Carried over left 4872

Brought forward left 4872

Plinth extra thickness

Do

Steps at ends

Do

Do

Do

Do

Do

Steps in front

Do

Do

Do

Do

Do

Do

Do

396.00.30.9 74

143.00.33.0 105

2 22.06.90.6 149

2 20.05.90.6 115

2 18.04.90.6 86

2 16.03.90.6 60

2 14.02.90.6 39

2 12.01.90.6 21

1 20.07.30.6 73

1 18.06.30.6 56

1 16.05.30.6 42

1 14.04.30.6 30

1 12.03.30.6 20

1 10.02.30.6 11

1 3.02.01.0 6

5760

265

520

785

Cubic feet 4975

Rubble masonry in superstructure

Longitudinal walls

End walls

Transverse

Spiral

Wall near spiral

Do

Do

Do

Do

Do

Do

2 140.02.017.9 9940

2 24.02.017.9 1704

4 44.02.017.9 6248

1 7.05.013.0 455

1 12.02.06.3 150

1 11.02.010.9 237

1 10.02.00.9 15

1 3.02.66.3 47

1 3.02.66.9 51

1 8.02.04.9 76

40.02.010.3 820

38.01.612.3 698

10 28.02.04.8 2613

Carried over left 23054

Tower all above 17' 9" over floor level

Do

upper portions

Gables

Deductions

Archways - square portion	4	16.02.08.0	1024
Do semi: cir: 3	4	100.6 area 2.0	804
Doorways	3	5.02.08.6	255
Do	15	4.02.08.6	1020
Entrance archways sq: portion	1	8.02.06.3	100
Do cir: 3	1	19.3 area 2.0	39
Gable windows	6	3.02.08.0	258
Do	4	4.32.08.0	272
Lower window	1	3.02.04.0	24
Spiral entrance sq: portion	1	3.01.12.4.6	15
Do semi: cir	3	.6 area 1.12	4
Do void	19	.6 area 13.0	254
Ventilators over doors	15	6.02.03.9	675
Dressed stone in arches as per details			2336

7110

Cubic ft. 15944

Put stone for steps

Steps at ends	2	124.01.30.6	155
Do	2	12.01.90.6	21
Steps in front	1	125.01.30.6	78
Do	1	10.02.30.6	11

Cubic feet. 265

Dressed stonework in arches quoins

Arches. semi: cir	4	27.62.01.6	330
Do segmental over doors	3	6.02.01.0	36
Do	15	5.02.01.0	150
Entrance archway	1	17.02.01.6	51
Gable window arches	2	30.02.01.6	180
Do flat: arches	6	3.62.01.0	42
Do	4	15.32.01.6	183
Lower window arch	1	11.02.01.0	22
Block	1	19.02.01.9	67
Do			
Carried over			1061

Brought forward 1061

Spiral entrance arch	1	6.61.12.1.0	7
Sides of entrance arch	2	1.32.05.0	25
Do gable windows	4	1.02.09.0	72
Do	4	1.32.07.0	70
Do	2	13.02.01.0	52
Sills	8	1.02.06.6	104
Sides of gable windows	4	6.02.01.0	48
Sills	11	1.62.017.9	586
Angles of building	1	1.32.018.0	45
Do tower	4	1.32.023.0	230
Do			
tower - upper course	1	36.01.01.0	36
Plinth upper course		396.01.00.9	297
Do lower		396.00.90.9	223

Cubic feet. 2856

Filling in basement

Main building	1	136.024.02.6	8160
Transcepts	4	24.08.02.6	1920
Verandahs		241.67.02.6	4226
Entrance	1	8.05.02.6	100

Cubic feet 14406

Teakwood wrought and put up

9 Trusses to span 24 ft.	5	28.00.60.9	53
	4	28.00.50.9	56
	18	15.30.50.7	67
	18	7.60.50.4	19
	9	0.90.90.8	4
	18	0.10.10.2	2
	2	146.00.60.8	97
Carried over			298

Deductions

Archiways - square portion	4	16.02.08.0	1024
Do semi: cir: 3'	4	100.6 area 2.0	804
Doorways	3	5.02.08.6	255
Do	15	4.02.08.6	1020
Entrance archways sq: portion	1	8.02.06.3	100
Do cir: 3'	1	19.3 area 2.0	39
Gable windows	6	3.02.08.0	238
Do	4	4.02.08.0	272
Lower window	1	3.02.04.0	24
Spiral entrance sq: portion	1	3.01.12.4.6	15
Do semi: cir	3	.6 area 1.12	4
Do void	19	.6 area 13.0	254
Ventilators over doors	15	6.02.03.9	675
Dressed stone in arches as per details			2036

7110

Cubic ft 15944

But stone for steps

Steps at ends	2	124.01.30.6	155
Do	2	12.01.90.6	21
Steps in front	1	125.01.30.6	78
Do	1	10.02.30.6	11
			Cubic feet 2651

Dressed stonework on arches quoins

Arches. semi: cir	4	87.62.01.6	330
Do segmental over doors	3	6.02.01.0	36
Do	15	5.02.01.0	150
Entrance archway	1	17.02.01.6	51
Gable window arches	2	30.02.01.6	180
Do flat arches	6	3.62.01.0	42
Do	4	15.32.01.6	183
Lower window arch	1	11.02.01.0	22
block	1	19.02.01.9	67
			Carried over 1061

Brought forward left 23054

Spiral entrance arch

Sides of entrance arch
Do gable windows

Do Do

Tills Do

Sides of gable windows

Tills Do

Angles of building

Do tower

Do Do

tower - upper course

Plinth upper course

Do lower Do

Brought forward 1061

1	6.61.12.1.0	7
2	1.32.05.0	25
4	1.02.09.0	72
4	1.32.07.0	70
2	13.02.01.0	52
8	1.02.06.6	104
4	6.02.01.0	48
11	1.62.07.9	586
1	1.32.08.0	45
4	1.32.023.0	230
1	36.01.01.0	36
	396.01.00.9	297
	396.00.90.9	223

Cubic feet 2856

Filling in basement

Main building

Transcepts

Verandahs

Entrance

1	136.024.02.6	8160
4	24.08.02.6	1920
	241.67.02.6	4226
1	8.05.02.6	100

Cubic feet 14406

Teakwood wrought and put up

9 Trusses to span 24 ft. { Tie beams
Principal rafters
Struts

Block over principal rafters

Circular piers

Purlins

5	28.00.60.9	53
4	28.00.50.9	56
18	15.30.50.7	67
18	7.60.50.4	19
9	0.90.90.8	4
18	0.10.10.0.2	2
2	146.00.60.8	97

Carried over 298

Brought forward 298

Purlins	4	52.00.60.8	69
Wall purlins	2	146.00.40.4	32
Do	7	13.00.40.4	10
Ridge	1	146.00.30.9	27
Do	2	52.00.30.9	20
Common rafters	192	19.60.30.4	
Do for transepts	63	13.60.30.4	427
Do Do	9	16.60.30.4	
Hip rafters	8	21.60.50.7	42
Eaves boarding		259.00.70.1	13
Barge boards	11	20.01.60.1 1/2	41
Do	1	15.01.60.1 1/2	3
Do	6	12.00.30.4 1/2	7
Do	6	7.60.30.3	3
Do	6	9.00.40.4	6
Turret curb	8	3.100.60.6	8
Uprights	8	0.110.8 1/2 8.6	44
Breastsummers	8	3.100.60.6	8
Horizontal pieces	8	5.00.40.6	7
Central	1	1.01.00.6	1
Rafters	8	23.00.50.4	26
Plate	8	5.30.30.4	4
Planking	8 x 32	3.00.90.1	57
Block at apex	1	average equat 7.31.32.7	4
Venetians	8 x	8 3.31.60.1	26
Ball caps	8	22.00.30.4	15
Carved ornaments at angles	16	0.41.01.0	5
Joists for lower floor	7	7.00.30.5	5
Verandahs			
Uprights	33	0.50.57.2	41
Breastsummers		262.00.50.5	45
Sticks	54	3.00.320.3 1/2	14

used over cub. ft 1308

Brought forward 1308

bleats		58.0.30.30.9	3
Carved planters	1/2 x	54 2.02.00.1	9
Wall plate		218.00.3 1/2 0.5	27 1/4
Rafters		167 11.00.30.4	153
bleats to secure rafters to uprights	33	0.30.30.9	2
Carved pieces	66	1.30.30.1 1/2	3
Hip rafters	4	13.60.40.5	8
Do	4	12.60.40.5	7
Ridge	2	10.00.30.5	2
Sticks	4	7.01.30.5	9
Collar piece	2	10.00.30.4	2
Barge board	4	10.60.60.1 1/2	3
Eaves boarding		253.00.10.7	13
Rupees		26105.00.20.3/4	272

Cubic feet 1821

the 982

Brought framework on truss etc.

network and panel doors

with frames

Do

3	5.0	8.6	128
15	4.0	8.6	510

Square feet 638

atten floor for spiral

with semi cir head

1	3.0	6.0	18 sqft.
---	-----	-----	----------

Windows with fixed Venetians
on the exterior and glass interior
with frames complete

6	3.0	8.0	144
4	4.3	8.0	136

Square feet 280

<u>Ventilation window for turret</u>	1 3.0	4.0	12 sqft.
<u>Glazed Ventilators with frames &c</u>	15 6.0	4.0	360 sqft.
<u>Tiled roofing</u>	2 44.0	20.0	5760
	8 12.0	20.0	1920
<u>Verandahs</u>	245.6	11.3	2762
			<u>Square feet 10442</u>
			<u>Squares 104.42</u>
<u>Terracing</u>			
Lower floor	8.6	6.0	51 sqft.
			<u>Squares .51</u>
<u>Plastering with 2 coats of chunam</u>			
<u>Interior of building</u>			
Main building	320.0	17.9	5680
Transcepts	4 64.0	17.9	4544
Gables	12 28.0	4.8	1568
Spiral interior	15.9	13.0	205
Interior of tower	32.0	28.0	896
Door Jambs	3 22.0	1.0	66
Do	15 21.0	1.0	315
Spiral entrance &c	1 13.9	0.6	7
Window Jambs	6 22.0	1.0	132
Do	4 26.0	1.0	104
Lower window	1 44.0	1.0	14
Ventilator jamb	15 13.6	1.0	203
Sides and soffits of arches	4 41.0	2.0	328
Do Clock arch	1 12.6	2.0	25
			<u>14087</u>

Brought forward square ft 14087

<u>Deductions.</u>			
Archways	sqre portion	8 16.0	8.0 1024
	semi cir. portion	4 20.0	area 804
Doorways		3 5.0	8.6 128
Do		15 4.0	8.6 510
Do	sqre portion	1 3.0	4.6 14
Do	semi cir	1 3.3	area 3
Windows		6 3.0	8.0 144
Do		4 4.3	8.0 136
Tower window		1 3.0	4.0 12
Clock circle		1 12.6	area 13
Ventilators		15 6.0	3.9 358
			<u>3126</u>
			<u>Square feet 10961</u>
			<u>Squares 109.61</u>

<u>Painting exterior</u>			
Basement all round	416.0	3.0	1248
Main building	213.6	17.9	3770
Transcepts	4 48.0	17.9	3408
Gables	6 28.0	4.8	784
Tower	20.6	17.9	364
Do	23.0	11.9	270
Do upper portion	48.0	23.3	1116
Door Jambs	3 22.0	1.0	66
Do	15 21.0	1.0	315
Spiral entrance	1 13.9	0.75	9
Window Jambs	6 22.0	1.0	132
Do	4 26.0	1.0	104
Lower window	1 44.0	1.0	14
Ventilator Jambs	15 13.6	1.0	203
Entrance arch door	1 27.6	2.0	55
			<u>11878</u>

Deduct

11878

Doorways

Do

Do

Do

Windows

Do

Do

Do

Ventilators

Entrance arch edge partition

Do

cur

Do

3 5.0 8.6 128

15 4.0 8.6 510

1 3.0 4.6 14

1 3.3 area 3

6 3.0 8.0 144

4 4.3 8.0 136

1 3.0 4.0 12

1 12.6 area 13

15 6.0 3.9 338

2 8.0 6.3 100

1 38.6 area 39

1437

Squareft 10441

Squares 10441

Flooring

Main building

Transoms

Verandahs

Entrance

Archway

Do

entrance

Door pieces

Do

1 136.0 24.0 3264

4 24.0 8.0 768

245.6 8.0 1964

1 8.0 5.0 40

4 16.0 2.0 128

1 8.0 2.0 16

3 5.0 2.0 30

15 7.0 2.0 120

Squareft 6330

Squares 6330

Painting doors and windows and
exposed woodwork with 3 coats
of carsons oil color

Venetian and panel doors

3 x 638

1914

Batten door

2 x 18

1914

Fixed venetian & glazed windows

5 x 280

1400

Venetian window

3 x 12

36

Ventilators

2 x 360

720

Eaves boarding

259.0

0.8

173

Large boards

235.0

1.6

353

Do

6 12.0

1.2

84

Do

6 7.6

1.0

45

Do

6 9.0

1.4

72

Turret curb

8 3.10

1.6

46

uprights

8 3.0

8.6

204

Horizontal

8 5.0

1.8

67

Breadsummers

8 3.10

2.0

61

Rafters

8 23.0

1.2

215

Plate

8 5.3

0.10

35

Planing

8 x 38 3.0

1.2

1064

Venetian

8 x 8 3.3

3.2

659

Roll caps

8 22.0

0.11

161

Verandah uprights

33 1.8

7.0

385

Breadsummers

262.0

1.3

327

Struts

54 3.0

1.2

189

Gleats

58 0.9

0.9

33

Curved planks

54 2.0

2.0

216

Gleats

33 0.9

0.6

13

Cheek pieces

66 1.3

0.6

41

Struts

4 7.0

1.6

42

Collar piece

2 12.0

1.2

23

Large boards

4 10.6

0.72

26

Eaves boarding

268.0

0.8

179

Squareft 8819

Squares 88.19

Painting timbers in roof with 3 coats
of wood oil.

See beams	5	28-0	2-6	350
do	2	28-0	2-10	159
Principal rafters	18	15-3	1-7	435
Stunks	18	7-6	1-6	203
Purlins	2	46-0	1-10	
do	4	52-0	1-10	917
do	2	46-0	1-0	292
do	7	13-0	1-0	91
Ridge	1	46-0	1-9	256
do	2	52-0	1-9	182
Rafters	192	19-6	0-11	5432
do	63	19-6	0-11	1126
do	9	16-6	0-11	136
High rafters	8	21-6	1-7	272
Verandah wall plate		218-0	1-0	218
Rafters	167	11-0	0-11	1684
High rafters	4	13-6	1-2	63
do	4	12-6	1-2	58
Ridge	2	10-0	1-1	22

Square feet 98.96
Squares 98.96

Interior plaster cornice

Lineal feet 450

Finishing large heads for gable windows

do. do. Small do.

Carved wood planks to gables

Finial for turret

Head of service
Fund
Class
Main head

Godavari District
Division

Abstract Estimate for constructing a Middle Class School at Rajahmundry

Quantity	Item	Rate	Per	Amount
18727 bft.	Excavations for foundations and fillings	bft.		100 - -
5861 -	Concrete	9 12	sq. ft.	571 7 2
6676 -	Rough stone in foundation	13 -	sq. ft.	867 14 1
4975 -	Rubble masonry in Basement	13 -	sq. ft.	646 12 -
5944 -	Rubble masonry in superstructure	13 -	sq. ft.	2072 11 6
265 -	Quarries for steps	45 -	sq. ft.	119 4 -
2856 -	Dressed stonework in arches quoins &c.	45 -	sq. ft.	1285 3 2
4406 -	Filling in basement	included with Excavation		
1821 -	Teakwood wrought and put up	3 2 6	sq. ft.	4889 - 6
982 lbs	Wrought Ironwork in trusses	- 4 -	lbs	245 8 -
638 sq. ft.	Venetian and panel doors	1 8	sq. ft.	957 - -
18 -	Platten door for spiral with semi cor.			
	head	1 -	sq. ft.	18 - -
280 -	Windows with fixed Venetians on the exterior and glass interior with frames complete.	3 -	sq. ft.	840 - -
12 -	Venetian windows for turret	2 -	sq. ft.	24 - -
360 -	Glazed ventilators with frames &c.	1 -	sq. ft.	360 - -
104.42 sq. ft.	Tiled roofing	8 8	sq. ft.	887 9 1
51 -	Terracing	22 -	sq. ft.	11 3 5
109.61 -	Plastering with 2 coats of chunam	2 8	sq. ft.	274 - 4
109.61 -	Washing	- 4	sq. ft.	27 6 5
104.41 -	Pointing exterior	1 8	sq. ft.	156 9 10
63.30 -	Flooring	10 -	sq. ft.	633 - -

Carried over Rupees 14,986 9 6

Brought forward Rs. 14,986.96			
88.19 sqrs	Painting doors and windows and exposed woodwork with 3 coats of carsons oak colour.	3 . . sqrs	264 9 1
98.96 .	Painting timber in roof with 3 coats of wood oil.	1 B .	179 5 10
450 Lft	Interior plaster cornice.	. 4 . Lft	112 8 .
2 no	Add extra for finishing large heads gable windows.	50 . . each	100 . .
4 .	Do small	20	80 . .
6 .	Carved wood ornaments for gables.	25	150 . .
1 .	Final for turnst.	50	50 . .
	Workshop percentage.	20 per cent	1467 . .
	Sundries and Superintendence at about 5 %		429 15 7
	Compensation for land.		800 . .
<u>Total Rupees 18625 . .</u>			


 Consulting Architect to Govt.

If Brickwork is substituted for stone the cost will be reduced by 1050 Rs. making the total Estimate Rs. 17575 . .

If Godavari Teak is used instead of Moulmein Teak there will be a decrease of Rupees 1790 making the total Estimate Rs. 15785 . .

If the end Verandahs are omitted there will be a further saving of Rs. 1650 making the total Estimate Rs. 14135 . .

If the building is inclosed or reduced in length the reduction in cost for every bay will be Rupees 80

P.W.D.

16 NOV 80

No

7266

Estimate for a Middle
Class School at Rajahmundry

Ruppes

18620

Conroy Architects Office

Chennai 16 November

1880

In Encl. 609/80

P.W.D.

16 NOV 80

No

D. W.

I see by P.M.S.
No 3877-213 of 12th
June 1880 that the
of work of plan is
3 Inclusive of
clock tower but
are not sure if
the plan has
not been so
the cost
cost of building
with calculated top
is to remain as
see designed - The
with cost of new
do.

The area occupied
by the verandahs in
the present arrangement
the rooms in dis-
continually dis-
continued with
from space to
all the

In Encl. 609

At the request of the
Vernacular School

The Consulting Architect
should I think be
asked to give his
opinion about these
plans & to recommend
any amendments &c

Yours faithfully
J. H. J. J. J.
14

Please refer to
the points referred to.

S^r

CURRENT No. 147

No. 1752.

OFFICE OF THE DIRECTOR OF
PUBLIC INSTRUCTION,

MADRAS, 25th April 1881

From
THE DIRECTOR OF PUBLIC INSTRUCTION,
Madras.

To
THE CHIEF SECRETARY TO GOVERNMENT,
Fort Saint George.

Sir,

In returning the plan and estimate
for constructing a schoolhouse for the proposed
Middle School at Rajahmundry, referred by
Endorsement No 2307 dated the 3rd December
last, I have the honor to state that the
accommodation provided in the plan drawn
up by the Consulting Architect seems to be
insufficient for the 15 classes which the school
is intended to contain. The plan provides for
two rooms 24 by 24, two 24 by 12, and six
small rooms in the centre, 24 by 10½. The
last are not capable of containing a class of
more than 25 pupils, the average minimum
space allowed per boy in the standard plans
being 10 square feet: a provision which experience
seems to prove to be too low in this climate,
except in the case of very young children. More
over no class can be located in the verandahs
while

while a room for the Library and the Writing Master although very necessary has not been provided.

2. Taking into consideration the insufficiency of the accommodation, a point in which both Messrs. Inebcalfe & Inouros agree, it appears to me that it would be advisable to adopt a mode of dealing with the question which has been suggested by Mr. Inebcalfe. The only site available for the proposed school house is the one opposite the College, and this site Mr. Inebcalfe thinks quite unsuitable for young children on account of its distance from one end of the town. What he proposes therefore is that a middle school alone, consisting of an Upper and Lower Fourth and Third classes, should be located in the proposed building, which, under the circumstances, would afford ample space.

3. The second and first classes and the preparatory Mahomedan class remain to be provided for. Mr. Inebcalfe considers with reference to them that they may be located in the present Town School house, which is in a central situation, most convenient for boys in any part of Rajahmundry. The

Town School is to be handed ^{over} by the Trustees to the Municipality for Rs. 1500, but Mr. Inebcalfe is of opinion that the Municipality would prefer paying an annual grant to taking over the school themselves.

4. Mr. Inouros does not express any difference of view and I myself am disposed to think that the solution proposed by Mr. Inebcalfe is the proper one; but altogether the question is one with which I should like to make myself fully acquainted before submitting a final recommendation. I purpose visiting the Godavari district before the close of the year, and if permitted, I shall defer my final report until I have made a personal investigation into the necessity for the school, and where it should be located.

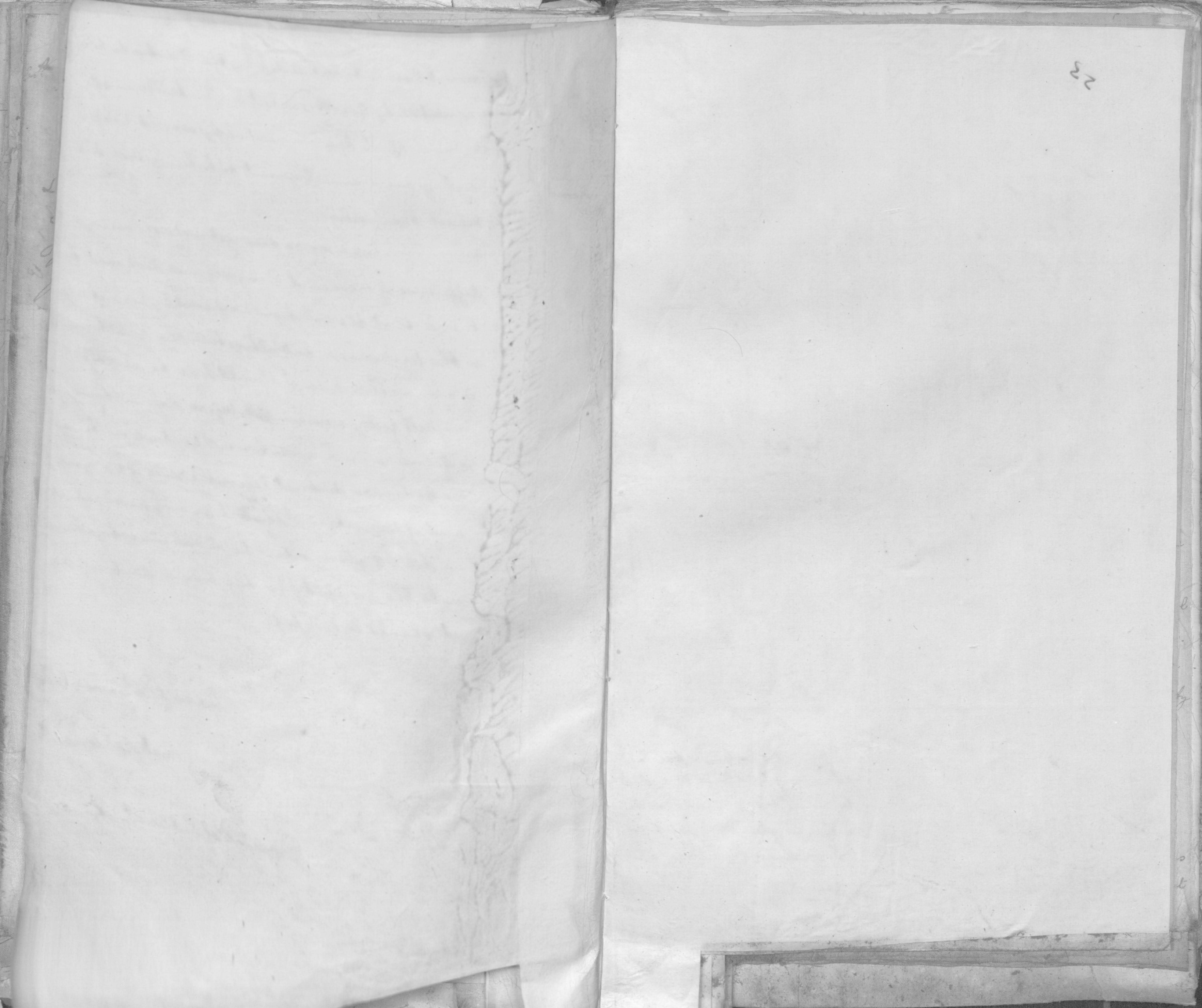
I have the honor to be,

Sir,

Your most obedt servant,

Director of Public Instruction

C. S. S. S.



23

N^o 783
##7

Transferred to
the Public Works
Department.

Notarized
28 April 1881

For Master
for Chief Secretary

28/4/81

From *Head Dept.* 1881
(Middle class school)
The Director of Public Instruction.
Mad at
To
The Chief Secretary to Government,
Fort Saint George.

Mr 2835/8

No.

Dated 25 April } 1881
Received 28

CURRENT No. 147

SUBJECT.

Reporting upon the
plan and estimate prepared
by the Consulting architect
to look for the proposed
Town School at Rajah-
mundry.

Let transferred

ROADS AND BUILDINGS.

No. 99

CONSULTING ARCHITECT'S OFFICE,
Chepauk, 9th May 1881.

FROM

THE CONSULTING ARCHITECT TO GOVERNMENT,

TO

THE CHIEF ENGINEER, PUBLIC WORKS DEPARTMENT,
BUILDINGS AND ROADS BRANCH.

SIR,

at Date

Enclosures. 1

I have the honor to return the papers received
with your Office Note No 49 dated 7th May 1881
relating to the plans for the Middle School to
be erected at Rajahmundry.

I have the honor to be

Sir

your most obedt. servant

M. S. S. S.

Song Archt. to Government.

31

G.S. 2657 of 24. Nov 1880
No 1727 of 16 July 1880 with 16 Encls

ROADS AND BUILDINGS.

From
The Consulting Architect
to Government,

To
The Chief Engineer, P. W. Department,
Buildings and Roads Branch.

No. 99

Dated 9th May 1881

Received

No. of ENCLOSURES. 1

Returns correspondences
relating to the plans for the
Middle School at Rajahmundry

Awaiting the
Report from the
Public Instruction
Office
(5)
13.5

10.10.81.

Rs 621. C of 13.3.82

P.H.S

Encls

Adverting to para 4 of the
letter from the Director of Public
Instruction to the Chief Secy.
to Govt. No 1752 dated 25 April
1881, which has been transferred
to this Dept for disposal, the
undersigned is directed to enquire
when the promised report on the
School House at Rajahmundry
may be expected.

Sd/- R.H.S.
Secy to Govt

Sd/- R.P.

To

The Director of Public
Instruction

Recd
13/3/82

No. 2213.

Office of the Director of
Public Instructions,
Madras, 28th May 1879.

From,

The Director of Public Instructions,
Madras.

To,

The Chief Secretary to Government,
Fort Saint George.

Sir,

I have the honor with reference
to Government Order No 160 of the 3rd
Instant, to state that the substitution
of a Government School for an aided
School has been and is likely to be of
rare occurrence. This step may, I
think, be considered justifiable.

(a) When the change entails little
or no extra charge on Government.

(b) When it is obviously calculated
to improve the character of the instruc-
tion imparted.

(c) When it is desired by the
managers themselves.

(d) When the inhabitants or the
managers manifest their interest in
the matter by founding or transferring

endowments

endowments, or by giving lands, buildings, furniture and money.

2. The Mangalore College is an instance of an institution which might have been, and may be at some future period, a private institution, but which has been for the present constituted a Government institution in consideration of the desire of the inhabitants to have a Government School and of the large sum contributed by them as an endowment.

3. The Breemner High School, Tellicherry, is an instance of a case in which Government took charge of an Aided institution with its endowment at the request of the Basle Mission, because that step seemed desirable in the interest of the cause of education.

4. The Palghat High School and the Sydapett High School were old rate schools handed over to the Local Fund Boards, with their grants in aid

under

under Act IV of 1871. The arrangement was not found to work well and with the consent of the Local Fund Boards, Government assumed charge of these schools, which are now Government High Schools.

5. At Cofoor and Tellore Government, at the request of the Managers, took over two private schools, although the measure entailed increased expenditure.

6. At Tellicherry and Sydapett the school buildings were made over with the school. At Mangalore a building was erected out of the endowment. The Palghat School was and is still held in a shed. At Cofoor, Government were put to no expense for a building, as a native gentleman erected a building at his own cost on his own land.

7. At Rajahmundry all the conditions which I have named are fulfilled. Not only will there be no addition to the monthly expenditure, but

but there will be an immediate saving
of Rs 57 per mensem. There will be
better masters, better management,
better discipline and better teaching.
The Managers themselves desire the
change and they evince their sincerity
by making over to Government a
building, a considerable sum of
money and all their school furniture.

8. As regards the distribution of
the money available for building
purposes, it appears to me that it
will be more economical to have
a single building than to have
several buildings, which must be
the case if all these schools are
carried on independently of one
another.

9. In the several cases which
I have noticed, the substitution of
a Government School for an Aided
School has not resulted in more
money being spent in places already

provided.

provided with schoolhouses and left
in places where there are none, and
I see no reason to apprehend a
different result in future.

I have the honor to be

Sir,

Your most Obedt. Servant,

R. M. Brandon

Director of Public Instruction.

G. J. H. B.

Educational Department.

29

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following

Letters from the Director of Public Instruction Madras, dated 17th January 1880. No. 189; 20th April 1880. No. 1668; 13th May 1880 No. 2150; and 28th May 1880. No. 2213.

Order thereon 12th June 1880. No. 213.

* In original to be returned. These papers with plans will be forwarded to the Public Works Department, in view to an accurate estimate being obtained, at an early date, for a school building, including

P.W.D.
16 JUN 80

No. 35797

Nothing seems on the construction under which go to a school should be substituted for aided school and on the effect which would be shown in the money available for building purposes.

Order 28 May 1879
May 28/79

The Chief Secretary
to Government
Fort St. George

Director of
Public Instruction
Madras

31

30

Due allowance for savings should be made in the estimate, which Mr. Larmine considers feasible.

(True Extract)

J. Munson -
Chief Secretary.

P.W.D.

Gobt. of {1880} Madras.

P.W.D.

10 JUN 80

No 3577

To

Dated

Recd.

1880, No.

Nos.

12/6

By M.

12/6

Shel 32 June

on the
distribution
of the
work
on the
lower
part of the
river

Shel 32 June

P.W.D.

Govt. of {1880} Madras.

P.W.D.

16 JUN 80

No. 3877

To

Dated

1880, No.

Recd.

Nos.

Recd. 12/6

By M.

12/6

Ch. Shul 32/mce.

No 1727 of 16 July 80
P. W. SECRETARIAT-1879-80.

KEEP-WITH.

Current No. 3877

Pro. No. 213

Dated the 12th June 1880.

from the Educational Dept.

Memorandum
and

The Estimate as prepared
in the Chief Engg. Office
for the New Middle Class
School at Rajahmundry
is herewith forwarded
to the Supn. of Works -
Godavari for Veri-
fication - It is also expected
to enter the actual value
of the site.

Early return of the docu-
ment is requested.

14th July 1880.

[Signature]

Thos. B. Godavari
with Mr. H. P. Rao

No 189

Office of the Director of
Public Construction,
Madras. 17 January 1880.

From

The Director of Public Construction,
Madras.

To

The Chief Secretary to Government,
Fort Saint George.

Sir,

I have the honor, with reference to your
Official Memorandum No 74 of the 14th instant,
to submit a letter No 126 of the 19th December 1879,
from the Principal of the Rajahmundry College,
with enclosures and a copy of my Proceedings
No 9 of the 6th instant.

2. The approximate estimate submitted
comes to Rs 13,520, but it seems probable that the
ultimate estimate will be somewhat higher.

3. The accumulated funds of the Town School
and Innespettah are available for the building.
These amounted a year ago to Rs 2,432-4-0 and
they have probably increased. The Municipality
are willing to pay Rs 1,500 for the Town School
building. The total amount available from
local donations without counting on any
further savings is therefore Rs 3,932-4-0. This
is, I believe, the largest contribution which has
ever been obtained for a building for a Government

middle

Middle School.

4. The Educational Building Fund is of course available for such further expenditure as may be necessary. Pending the sanction of Government no special provision has been made for the building in the Budget Estimate for 1880-81, the usual course being to divert from the capital of the fund only such sums as are required to meet the estimated expenditure of the year.

I have the honor to be,
Sir,

Your most obed^t servant,

H. M. Mair

Director of Public Instruction.

Fr. S. H. A.

P.W.D.
10 JUNE 80
No. 3877
12

Submitting with
Remarks Plans appropriate
estimate for the building
School Rajahmundry.

Dated 19th January 1880
Recd 19th
See 4.
with 2 plans No 3877

Genl. M. A. S.
The Chief Secretary to Govt.
Fort St. George,
Madras.
The Director of
Public Instruction,
Madras.
Educational. 1880. Dist.
from. (School 1)

No. 9.
PROCEEDINGS OF THE DIRECTOR OF PUBLIC INSTRUCTION,
MADRAS, 6th January 1880

Read letter from Principal, Rajahmundry College.

(Here enter 19th December 1879, No. 126.)

In the plans, the building is described as an Examination Hall. Although it will be occasionally used like for examination purposes, it is intended to be a school building. Of the two plans the T shaped building seems preferable to the other.

2. The Director doubts whether any funds can be expected from the Commissioner for the Unconvenanted Civil Service Examinations. The Unconvenanted Civil Service General Test has been abolished.

3. As it is desirable that the plan and estimate should be as complete as possible, Mr. Inebalfe is requested to ascertain what will be the cost of taking up the site proposed in his letter and whether

whether the local authorities are prepared
to accede to the proposal. The cost of the
tower should also be estimated and it
should be ascertained whether the
Municipal Commissioners are willing to
provide the building with a clock.

4. On receipt of a final plan and
estimate the Director will address Government.

/Signed/ R. L. Macdonald,
Director of Public Instruction

To,
The Principal, Rajahmundry College.

/True Copy/
R. L. Macdonald
Director of Public Instruction

G. S. S. S.
17-1-80.

P.W.D.
16 JUN 80
No. 3877
311

GOVERNMENT OF MADRAS.
FINANCIAL DEPARTMENT.

10th October 1881, No. 1942.

Budget Estimate.

Read the following paper:—

From H. B. GRIGG, Esq., M.A., Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 24th September 1881, No. 4179 [Current No. 2661].

I have the honor to submit the budget estimate of the Educational Building Fund for 1882-83, with a copy of the Accountant-General's statement received on the 20th instant, showing the transactions of the Fund for 1880-81.

2. *Actuals, 1880-81.—Receipts.*—Rs. 24,072-10-5 are entered in the Accountant-General's statement as the opening balance against Rs. 24,462 shown in my letter submitting the current year's budget.

	RS.	A.	P.	
1. Building grant to the Vartirayiruppu School erroneously debited to the Building Fund.	346	0	0	The difference is due (1) to the first of the three items mentioned in paragraph 3 of my letter as sums to be deducted, being credits to the Fund under "Sundry Receipts," (2) to the second item being deducted from the total outlay on original works, and (3) to the third and last item being objected to by the Examiner of Public Works Accounts on the ground that the allotments for the two works carried out departmentally were advanced by the Public Works Department and
2. Value of quicksilver supplied to the Laboratory of the Presidency College	26	14	0	
3. Cost of Establishment and Tools and Plant erroneously charged on two works	26	14	0	
Total	389	12	0	

that the cost of Supervision and Tools and Plant should accordingly be debited to the works in question. Rs. 3,500 are credited to the fund under "Voluntary contributions," being a portion of the subscriptions for the Chittoor High School-house. The sum of Rs. 646 entered against "Sundry Receipts" is made up of Rs. 346 refunded on account of the erroneous debit of the building grant to the Vartirayiruppu School; of Rs. 200 refunded by the Karur Municipality, being the sum drawn by them for providing the Karur Government Middle School with a suitable building; and of Rs. 100, the refund of the allotment drawn for the latrine of the Cuddalore College. The total receipts amounted to Rs. 41,419-12-2.

3. *Charges.*—The charges paid during the year were Rs. 23,626-14-1 against Rs. 48,220 in the regular estimate, which is mainly owing to no outlay having been incurred on the Chittoor High School and to the building grants budgeted for not having been appropriated before the close of the year.

4. *Regular Estimate, 1881-82.—Receipts.*—The balance in favor of the fund on 1st April 1881 was Rs. 17,793 in round numbers. Out of Rs. 11,776 the promised contributions on account of the Chittoor High School, Rs. 3,500, were credited to the fund in 1880-81, and the balance, viz., Rs. 8,276, is entered in the regular estimate. The rent due for 1880-81 for the Kolangód School-house placed at the disposal of the Registration Department under G.O., dated 23rd December 1879, No. 462, was not carried to the credit of the Building Fund in the Accountant-General's statement. The amount due for two years is accordingly shown in the regular estimate. The total receipts, including balance and appropriation from the capital of the fund, aggregate Rs. 66,869 against Rs. 42,820 in the budget.

Dated
Received

From
To
No.
18
The Director of Public Instruction.

Recd letter
to Govt dated
17 January 1882
H. B. Grigg.

18

43

5. *Charges.*—Rs. 1,020 only having been expended on the Madanapalle School-house out of an estimate of Rs. 4,935, provision has to be made to the extent of Rs. 3,915 to complete the work in the current year. The plan and estimate for the Chittoor School were submitted to Government with my letter, No. 1301, of the 29th March 1881, and Rs. 6,000 is assigned for the work in anticipation of the sanction of Government. The proposal regarding the erection of a building for the Tiruválur School will lie over until subscriptions are raised to cover the proper proportion of the charge. The Rajahmundry Middle School-house will not be undertaken in the current year. For the completion of the Viravasaram School-house and of the repairs to the School of Arts building as well as for the re-flooring of the verandah of the Madura College, Rs. 1,677, Rs. 1,323, and Rs. 1,500 are respectively required.

6. The expenditure on repairs may be estimated at Rs. 6,000.

7. The building grants to be provided for in the regular estimate amount to Rs. 21,470 as shown below:—

	Rs.
Negapatam Wesleyan Mission School	5,000
Cuddalore St. Joseph's Institution	1,850
Pudupet St. Antony's School	1,017
Arkónam Church of Scotland Mission School	800
Amalapuram Church Missionary Society's School	934
Wálababad Free Church Mission School	523
Conjeeveram do.	1,140
Nellore do.	58
Vellore Church of Scotland Mission School	4,617
Kottapetta Middle School	333
St. Francis Xavier's School	231
Big Conjeeveram Free Church Mission School	800
Narsingapuram Poor School	990
Masulipatam Sharkey's Memorial School	760
St. Matthias' School, Vepery	1,000
Tiruválur Wesleyan Mission Girls' School	177
Tinnevely Settlement School	60
Conjeeveram Free Church Mission Boys' School	80
Cuddalore St. Joseph's School	323
Lalgudi Middle School	767
Total	21,470

8. The total expenditure is Rs. 45,849, leaving a balance of Rs. 21,020.

9. *Budget Estimate, 1882-83—Receipts.*—The balance and the receipts from interest and contributions being insufficient to cover the charges budgeted, I propose to divert Rs. 10,000 from the unappropriated capital of Rs. 55,000 in the ensuing year. The interest on the capital is expected to yield Rs. 2,200. Credit is taken for Rs. 10,450, the contribution which the Local Fund Board of the Chittoor Circle have agreed to make towards the High School building for the accommodation to be furnished to the Local Fund Anglo-Vernacular and Normal Schools at Chittoor. With Rs. 60, the rent due for the Kolangód School, the receipts are estimated at Rs. 43,730.

10. *Charges.*—For the Chittoor School-house Rs. 10,000 are allotted, it being necessary to complete the work as early as practicable. For the Rajahmundry Middle School Rs. 4,000 are assigned pending further report. At the request of the Inspector of Schools, Fourth Division, a sum of Rs. 1,140 is provided for enlarging and improving the Tirukoilúr School-house.

11. For repairs Rs. 8,705 is budgeted. The details of this sum by districts and divisions are furnished in Part III of the budget. Petty repairs are executed as occasion arises, and it is not possible therefore to specify at present the Educational buildings which may require repairs next year.

12. The building grants to be provided for are exhibited in Part II of the budget.

13. A sum of Rs. 2,970 is entered as reserve to cover unforeseen charges.

14. Annexed is an abstract of the budget:—

	Receipts.	Rs.
Balance		21,020
Appropriation from capital		10,000
Interest		2,200
Contribution		10,450
House-rent		60
Total		43,730

	Charges.	Rs.
Original Works by Public Works Department		15,140
Supervision		3,785
Tools and Plant		378
Repairs by Other Agency		19,303
Building Grants		8,705
Reserve		2,970
Total		43,730

ORDER THEREON, 10th October 1881, No. 1942.

The Educational Building Fund opened in 1881-82 with a balance of Rs. 17,793 to credit. The large difference between these actuals and the estimate (Rs. 80) was due to short outlay in 1880-81.

2. Taking credit for the balance of the promised contribution on account of the Chittoor High School, one-third of which was paid in 1880-81, and for the rental of the Kolangód School-house for the same year, the regular estimate of receipts for the current year, added to the balance, stands at Rs. 66,869. The charges for the current year are now expected to reach Rs. 45,849, which will leave a balance of Rs. 21,020 on 1st April 1882.

3. As the receipts from all sources are insufficient to meet the estimated charges, the Director's proposal to divert Rupees 10,000 from the unappropriated capital of Rs. 55,000 will be sanctioned.

4. The receipts for 1882-83 will then amount to Rs. 43,730 inclusive of a contribution from the Chittoor Local Fund Circle. The charges for original works to be carried out by the Public Works Department and for repairs by other agencies, together with building grants, come to Rs. 40,760, and the balance of Rs. 2,970 will be reserved for unforeseen charges.

5. The works proposed to be carried out during 1882-83 are approved and the estimates passed.

	Receipts	Rs.
Actuals		92,177
Estimates		41,420
Actuals		66,869
Estimates		47,730
Actuals		67,715
Estimates		23,627
Actuals		45,849
Estimates		43,730

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the Director of Public Instruction.
" Accountant-General.
" Public Works Department.

Exd. J. W. Fischer.

Gobt. of (1881) Madras.
FINANCIAL.

To
THE DIRECTOR OF PUBLIC
INSTRUCTION.
&c., &c., &c.

Dated October, 10th.

Issued

Recd.

G.O., 10th October 1881, No. 1942.

OCTOBER.

Budget Estimate of the Educational Building
Fund for 1882-83, reviewed.

Ca No 37/64

No 437 Ed of 17th July 1882

Letter from the Director of
Public Instruction No 437
of 8th June 1882 intimating
that he has addressed Govt
in the Edl Dept advising
that the scheme contemplated
of building a Govt Middle
School at Rajahmundry
be abandoned.

Referred to the Edl
Dept for favor of information
whether any orders have
been passed on the Director's
representation.

(J) L (By) R. S. Thompson
To the Edl Dept.

Gouth College
Rajahmundry
19th December 1879

Principal
Gouth College
Rajahmundry
Director of
Public Instruction
Madras

the honor to submit
estimate for the
new Middle Class
forms an essential
scheme for the
of the several
in this place
at present no
building

No 2657 of 29. 11. 80

" 1727 of 16. 7. 80

" 624 of 13. 3. 82

No 126

Govt College

Rajahmundry

19th December 1879

From

The Principal

Govt College

Rajahmundry

To

The Director of

Public Instruction

Madras

Sir

I have the honor to submit
a plan and estimate for the
erection of a new Middle Class
school which forms an essential
part of the scheme for the
amalgamation of the several
small schools in this place.

There is at present no

building

building that would in any way
answer the purpose and if the
plan is to be carried into ex-
ecution a new building is absolutely
necessary. It would besides
supply a want which is every
year becoming more pressing. By
some means or other we must
find more accommodation for
the ever increasing number of
Candidates that appear
at both the University and
U.C.S. Examinations. In order
to find room for the Matricula-
tion Candidates this year
numbering 156 we are obliged
to use an adjacent shed in
addition to the large school
room and place about 40 in
the verandah where in spite of
all

all we can do to prevent it they
suffer a good deal of annoyance
from the wind blowing their papers
about and from the glare outside.
It may be easily inferred how
insufficient our accommodation
is for 400 Candidates at the
General Examination for the U.C.S.
which moreover when combined
with the Middle School Exami-
nation will be still more numerously
attended. Temporary sheds
have to be erected on such
occasions adjoining the verandah
so as to be as much as possible
under the eye of the Chief
Superintendent, but these are
very inadequate to the purpose,
while they are a source of
positive

positive danger to the main
building in case they should be
set on fire. If there are any
available funds in the hands
of the Commissioner for the
U.C.S. examinations I venture to
suggest that they should
bear part of the cost of the
proposed school which has
been designed with a view to
its being fitted for the ex-
amination of large numbers.

I have also the honor
to suggest that it should
be built on a piece of ground
on the other side of the road
exactly opposite this College.
The plot I allude to is at
present partly occupied by a
number

number of very dirty huts inhabited
chiefly by municipal sweepers
and partly by a P.W. store shed—
while a considerable portion is open.
Apart from the consideration
that it is the most convenient
site as being near this College,
there are other grounds on which
I should strongly recommend
its being taken up for that
purpose. The village though
small is a nuisance both
to the Telegraph office to
which it lies adjacent and to
us. I was compelled the
other day to go in person to
put a stop to the noise pro-
ceeding from some of the huts
as it interfered with the work
of

of Examination. A toddy shop at
one corner is the cause of a good
deal of the noisy uproar which
I have frequently to send the
people to quell. Besides this,
there is another source of
annoyance of a more serious
kind. The village itself is
dirty but there is a small
patch of jungle adjacent
used as a latrine, the state
of which is simply indescribable.
In fact when the wind blows
from that quarter after a
shower has stirred up the
surface of the ground, the
stench is so overpowering that
I am sure it cannot fail
to be dangerous to health.

Near the toddy shop there
are two remarkably fine trees
under which the newly sanctioned
Gymnasium might be constructed.
It would be an admirable site.
The overhanging branches afford
a most delightful shade
which is now only the resort
of idlers and toddy drinkers.

A substantial building
erected there corresponding in
some measure to the College
would add materially to the
appearance of the town which
is at present considerably
marred by the village as it
stands.

The estimate has been
drawn up with the view of
incurring

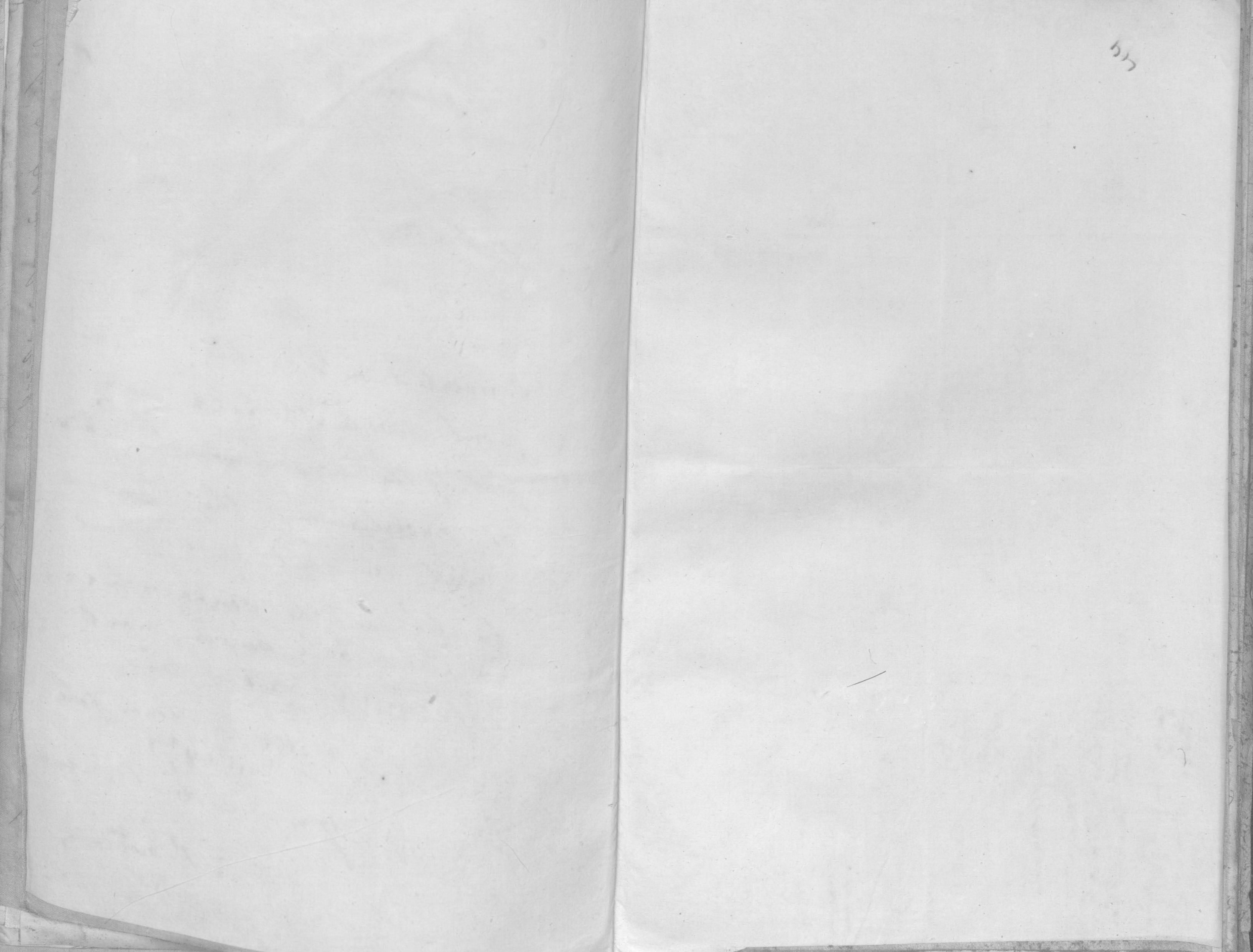
incurring the least possible expenditure. I would suggest the addition of a bell tower and a clock. The Municipal Commissioners have in hand some Rs 800 which was originally intended for the purchase of a public clock, but as there was no building fit to receive it, the sum has been set apart for the purchase of a building for the Municipal School. If a suitable tower could be added to the present design I think the Commissioners might still be induced to furnish the clock, which could be regulated from the Telegraph Office and would give the time to

to all passers by.

A large bell - sufficiently large to be heard in the old town is almost indispensable. Could not the Ordnance stores be indented upon for an old gun that might be converted into a bell at the Govt work shop. As very few of the boys have the means of ascertaining the time a great amount of unpunctuality is the consequence. A large bell would most effectually remedy this.

I have the honor to be
Sirs,
Your obedient servant

P. P. Putnam
Principal



CAMP Rajahmundry December 1879

No. 233

45

FROM

THE

Officer Incharge
Rajahmundry Division

TO

THE

Principal
Rajahmundry College

SIR,

I have the honor to forward here-
with a detailed plan & estimate for an
examination Hall to be built at
Rajahmundry.

The design is of the simplest nature,
and might be improved with greater
expenditure by turning semi circular
arches over the doors and filling the
space either with masonry or glass;
if this were approved an estimate of
the additional cost could be hereafter
made.

Appended also is a rough plan
of another design showing the building
in a T shape, which would perhaps
be more convenient than the long
straight building, the centre room
could be made with a flat roof.

P.W.D.

ICJUN80

No. 233
4/1

From

28/12/79

The Principal

Govt College

Rajahmundry

By the Secretary

P. J. Narasimham

Dated 19/Dec/79

Dec 16/Jan/80

Enclosure 2

Forwarding

a plan & estimate

for the construction

of a suitable class

school house.

and an up stair room if required
but now sent in an unfinished
form in order that more time
should not be taken up by drawing
estimates & plans ^{which} would perhaps not
meet with approval

4 If the second design is preferred
and further information ^{given} as to re-
quirements, and suggestions as to
additions & alterations made, a
final plan and estimate could
be drawn up and submitted
for sanction

I have the honor to be

Sir

Your most Obedt Servant

H. Taylor Asst Engineer
In charge Rajahmundry Division

Abstract of the foregoing estimate

Quantity	Particulars.	Rate	Per	Amount	Total
247	Cyds concrete in chunams	2 4	Cyd	555 12	"
888	" Brick 8 1/2	3 8	"	3108	"
25	" Arch work 8 1/2	4	"	100	"
91.65	Sqrs Flooring with brick on edge laid over levelling course 4" and plastered	10	Sqrs	916 8	"
217.5	" Plastering with 2 coats of chunam & white washed	2 8	"	543 12	"
1287	Left Seasoned country teak wood wrought and put up	3	Cft	3861	"
82	Rft Cornice work	4	Rft	20 8	"
155.1	Sqrs Roofing with flat & pantiles & chunam borders complete	7 8	Sqrs	1163 4	"
1400	Sqft Doors 1/3 framed 1/2 Venetian	1 12	Sqft	2450	"
24	" Ventilators	14	"	21	"
46	Granite stone slabs	1 8	each	69	"
21	Iron king rods with stirrups & bolts 1/2 to tie beams	1 8	"	31 8	"
2	Centrings	10	"	20	"
	Excavating foundations & filling in			15	"
	Contingencies Rs. 5 - - - per cent			644 12	"
	Total amount Rupees			19520	"

H. Taylor Asst. Engr.

In charge Rajahmundry S.

22nd December 1879
Rajahmundry

P.W.D.

16 JUNE 80

No. 3877

Dated
Despatched
Received

To

From

The

The

Encls.

No.

Subject.

187

22nd Dec 1879

Godavari District
Rajahmundry Division
Estimate for constructing an Examination Hall at Rajahmundry

Particulars of work.	Measurements				
	No.	Length	Breadth	Height	Content
Under wall all round	1	538-0	4-0	1-6	3228-0
do cross walls	2	17-6	4-0	1-6	210-0
do pillars	62	4-0	4-0	1-6	1400-0
do retaining walls	8	7-6	2-9	1-6	225-0
do do	40	7-3 $\frac{1}{2}$	2-9	1-6	1199-3 $\frac{1}{2}$
do do	4	6-6	2-9	1-6	107-3
do do	10	5-1 $\frac{1}{2}$	2-9	1-6	210-6
Total Concrete in chunam cft					6668-5 $\frac{1}{2}$

Wall all round	1	538-0	2-9	3-0	4438-6
cross walls	2	18-6	2-9	3-0	305-3
Pillars	62	2-9	2-9	3-0	1406-7 $\frac{1}{2}$
Retaining between pillars	8	8-0	2-3	1-6	216-0
do do	40	7-9 $\frac{1}{2}$	2-3	1-6	1049-0 $\frac{1}{2}$
do do	4	7-0	2-3	1-6	94-6
do do	10	5-7 $\frac{1}{2}$	2-3	1-6	180-0
Steps, large	6	19-0 $\frac{1}{2}$	3-0	1-0	342-9
do small	2	8-1 $\frac{1}{2}$	3-0	1-0	48-7 $\frac{1}{2}$

Wall all round	1	538	2-0	2-0	2152-0
cross walls	2	19-6	2-0	2-0	156-0
Pillars	62	2-0	2-0	2-0	496-0
Retaining walls between pillars	8	8-6	1-9	2-0	238-0
do do	40	8-3 $\frac{1}{2}$	1-9	2-0	1157-11

Retaining walls between pillars

D ^o ————— D ^o ————— D ^o —————	4	7-6	1-9	2-0	105-0
Steps, large	10	6-1 $\frac{1}{2}$	1-9	2-0	213-7 $\frac{1}{2}$
D ^o — small	6	19-0 $\frac{1}{2}$	2-0	1-6	342-9
D ^o — to Head Master's room	2	8-1 $\frac{1}{2}$	2-0	1-6	48-7 $\frac{1}{2}$
D ^o ————— D ^o ————— D ^o —————	2	13-0	2-0	1-6	78-0
D ^o ————— D ^o ————— D ^o —————	2	16-0	1-6	1-0	48-0

Superstructure

Front & rear walls separating H ^d Master's room	4	115-6	1-6	14-3	9875-3
End walls	2	20-0	1-6	14-3	855-0
Front & rear walls of H ^d Master's room	2	18-0	1-6	18-9	1012-6
Cross walls	2	20-0	1-6	19-3	1155-0
Gables	2	23-0	1-6	3-0	207-0
Pillars	62	1-6	1-6	8-0	1116-0
Total cfr					27538-0

Doors	50	4-0	1-6	7-0	2100-0
Flat arches over doors	50	5-0	1-6	1-6	562-0
Ventilators	4	4-0	1-6	1-6	36-0
Arch ways up to springing line	2	16-0	1-6	6-0	288-0
D ^o ————— above D ^o —————	2	area			
Butstone slabs under tie beams	42	108	1-6		324-0
	42	1-6	1-6	0-6	47-3

Total Deductions cfr

Total foundations, basement & superstructure
less deductions cfr.

Flat arch work as per above deductions					562-6
Circular arch work	2	24-0	1-6	1-6	108-0
Total arch work cfr.					670-6

Large rooms					4426-6
Head Master's room	2	113-6	19-6		300-0
Verandah front & rear up to pillars	1	20-0	15-0		3967-6
D ^o ————— at ends	2	264-6	7-6		345-0
D ^o ————— D ^o —————	2	23-0	7-6		4039-6

Verandah between pillars

D ^o ————— D ^o —————	8	8-6	0-3		17-0
D ^o ————— D ^o —————	40	8-3 $\frac{1}{2}$	0-3		82-8 $\frac{1}{2}$
D ^o ————— D ^o —————	4	7-6	0-3		7-6
D ^o ————— D ^o —————	10	7-7 $\frac{1}{2}$	0-3		19-0

Total flooring sft.

9165-2 $\frac{1}{2}$

Inside of Head Master's room

D ^o — of large rooms except outer face of cross wall of H ^d Master's room	2	248-0	14-9		7316-0
Outside of cross walls of H ^d Master's room	2	20-0	18-9		750-0
D ^o — of front & rear walls of whole building	2	249-0	14-6		7221-0
D ^o — of end walls of D ^o —	2	23-0	14-6		667-0
D ^o — of raised portion of front & rear walls of H ^d Master's room	2	18-0	1-9		63-0
Gables both sides of D ^o —	2	20-0	6-0		240-0
Pillars of Verandah	62	6-0	8-0		2976-0
Basement all round	1	621-0	2-0		1242-0
Ends of steps	20	3-0	1-0		60-0
D ^o ————— D ^o —————	4	2-0	0-9		6-0

Total Plastering sft.

21,748-6

Tie beams	21	22-0	0-5	0-9	144-4-6
Principal rafters	42	13-0	0-4	0-6	91-0-0
Struts	42	6-0	0-3	0-5	26-3-0
Purlins	1	492-0	0-5	0-7	119-7-0
Wall plates	1	538-0	0-3	0-4	44-10-0
Ridge piece	1	226-0	0-3	0-6	28-3-0
Brassummer	1	620-0	0-5	0-7	150-8-6
Pillar plates	62	1-0	1-0	0-3	15-6-0
Hip rafters of Main building	4	18-0	0-4	0-8	16-0-0
Common rafters over large rooms	146	14-0	0-3	0-5	212-11-0
D ^o ————— D ^o ————— over H ^d Master's room	11	13-0	0-3	0-5	14-10-9
					964-5-7

Verandah, hip rafters	4	18-6	0-4	0-8	16-5-4
Common rafters	208	15-0	0-3	0-5	325-0-0
Jack rafters	40	7-6	0-3	0-5	31-3-0
Jack rafters over large rooms	48	7-0	0-3	0-5	35-0-0
Leave board	1	6-32	0-7	0-8 $\frac{1}{2}$	15-4-0
Total wood work cft.					1287-3-11

Bornie along the H^d Masters room

Rpt. 82-0

Large rooms front & rear	4	115-3	28-0	1290-0
at ends	2	23-0	28-0	1288-0
H ^d Masters room	2	21-0	15-0	630-0
Verandah in front & rear of H ^d Masters room	2	18-0	19-0	684-0
Total sft. of Roofing				15510-0

Doors 52 4-0 7-0 1400-0

Ventilators 4 4-0 1-6 24-0-0

Granite slabs under tie beams 46

Iron king rods with stirrups & bolts
to tie beams. } 21

Centrings 2

Excavating foundations & filling in &c.

P.W.D.
10 JUN 80
No. 2877

No. 1668.

Office of the Director of
Public Instruction,
Madras, 20th April 1880.

From

The Director of Public Instruction,
Madras.

To

The Chief Secretary to Government,
Fort Saint George.

Sir,

I have the honor with reference to your
Official Memorandum No. 149 of the 23rd January
to submit a letter No. 205 of the 11th Instant from
the Principal of the Rajahmundry College.

2. It appears that the site available is not
sufficiently wide for a T shaped building and
Mr. Maccalfe suggested a modification of the
longer plan.

3. The Executive Engineer accordingly
prepared a third plan, in which provision is
made for a clock tower. The estimated cost
of this building is Rs. 22,000.

4. Mr. Maccalfe fearing that this might
be deemed too much, asked for an estimate
for a less ornamental building: a fourth plan
has accordingly been prepared, but this is
roughly estimated at Rs. 21,200.

5. Mr. Maccalfe is strongly in favor of
plan No. 3 and I agree with him. Mr. Laminie

points

points out that Rs 1000 might be saved by substituting concrete in the foundations and stone in the walls, to which there seems no objection, and Mr. MacCalla shows that other savings might be effected which would bring the cost down to Rs 15,320. I have no means of judging how far this may be possible.

6. Even if the higher estimate of Rs 22,000 with Rs 6050 for supervision and tools and plant be accepted, provision for the building can be made in the usual manner.

7. The school is likely to be one the most important and most self supporting institutions of its class in this Presidency & whatever may be decided about the building I trust that Government will see fit to sanction the establishment of the school. It might be held at first in a temporary shed, pending the erection of a permanent building.

I have the honor to be,

Sir,

Your most obedt. servant,
R. M. MacCalla
Director of Public Instruction.

South 1st Grade College

Pajakharauddin

11th April 1880

From

The Principal
Rajahmundry College.

The Director of,
Public Instruction
Madras.

Sir

I have the honor to
resubmit the Plans and
Estimates for the New Middle
Class School at this station.

In accordance with
your instructions No 284 dated
24th January 1880, I requested
the Officer in Charge of the Range
to

June 1st 1880
 from the District
 The Director of
 Public Instruction
 R. D.
 Dear Sir,
 The following is
 the list of
 the names of
 the persons who
 have been
 appointed to
 the office of
 the
 District
 Director of
 Public Instruction
 for the year
 1880-1881
 Yours truly,
 J. H.

Stated 20th April 1880
Recd. 25th —

with Plans &
Instruments.

Feburiding plans and
examinado for conducting
a brickle school house at
Royalwending & regreeding
sandling for the school
ment of the school.

to favor me with an estimate
for the T shaped building
which you considered the more
suitable of the two originally
designed. The only site however
which is available is not
sufficiently wide for a building
of this form and I took the
liberty to suggest that a
modification of the longer plan
would be preferable.

Owing probably to
some misapprehension of what
I meant he sent me in
course of time the new design plan
now forwarded - observing
that the original plan for an
"Examination Hall" would
be

he found defective as regards
height of roof and sufficient
means of ventilation. The cost
however being so much greater
than I had anticipated I
again addressed him suggesting
that perhaps a plainer building
might be designed to cost less
and still possess the same
advantages. I have now
received a fourth plan which
as you observe is very inferior
in an architectural point of
view, and is estimated to cost
almost the same as the more
elaborate design. The superior
advantages of this over the
original plan are unquestionable.
It provides for a clock tower -
60 the

the roof is much lighter - provision
is moreover made for proper
ventilation and the general
appearance of the building
will be more in correspondence
with the college on the other
side of the road and the
Tahsildar's Canteen built
according to one of Mr.
Chisholm's designs. Mr.
Lariviere points out that a
saving of Rs 1,000 would be
effected by substituting Con-
crete in the foundations and
stone in the walls. I am
also told that the rates at
which the cost is estimated
are greatly in excess of those
current

Current in Rajahmundry -
for instance the work shop
rate for teak wood is Rs 3-2-6
per cubic foot whereas good
upper Godavari teak wrought
and put up is obtainable
here at Rs 1-14-0 certainly at
Rs 2-0-0 per cubic foot -
Teak wood trusses are
priced at ~~charged~~ Rs 50 in the estimate
whereas the local rate appears
to be Rs 25.

Moreover bricks and
Chunam are much cheaper
here than in Dowlaissaram
as they are obtainable within
a hundred yards of the spot.
On the whole I have good
reason

reason to believe that due regard
being paid to the difference of
rates and omitting the workshop
percentage Rs 1890. the work could
be executed for Rs 15,320.

This is the estimate of a person
acquainted with the rates
current in Rajahmundry -
and I believe it is trustworthy.

In conclusion I may
add that the School is
still becoming more and
more necessary. We experi-
enced a great falling off
in our numbers last year
owing to the want of proper
feeders. and the standard
of our present fourth class
is much lower than it should be

be. That the School is ab-
-solutely necessary is undeniable
The only point ⁱⁿ question is
that of expense and I venture
to say that it would pro-
-bably be found more econo-
-mical in the end to incur
a little more expense in the
first instance and erect a thorough-
-ly suitable building than one
that is less commodious and
may require alteration at no
distant date.

I have the honor to be
Sir,
Your obedient servant

62.
P. P. Pillai
Principal

P.W.D.
16 JUN 60
No 3877
81

From the Principal
of the Government
High School at Rajahmundry
District
to the District
Engineer
at Rajahmundry
for the repair
of the school
at Rajahmundry
District
No 3877/10
16 JUN 60

Abstract Estimate No

56

Name of work - Middle class school at Rajahmundry.
Godavari District

Quantity	Description of work.	Price Per Amount Total		Unit
		Rs	P	
10,500	C. ft. Concrete	9 12 1/100	1023 12	
16840	" Rough stone in chumam	13 "	2189 32	
15490	" Brick in - "	18 8 "	2865 105	98
238	Sq. ft. Plastering 2 coats of chumam	2 4 "	535 8 "	3-6
87 3/4	" Flooring with bricks on edge in levelling course of concrete and plastering 2 coats of chumam	10 "	877 8 "	9-0 0-0 4-0
580	Rq. ft. Brick pillars	" 10 "	362 8 "	3-0
290	C. ft. Cast iron in chumam	40 "	116 "	6-0
950	C. ft. Brick in chumam arch work	20 "	190 "	57-6
250	Rq. ft. Cornice work	" 4 "	62 8 "	2-6
238	Sq. ft. White washing 2 coats of chumam	" 4 "	59 8 "	0-0
2120	C. ft. Teak wood wrought and put up Rigue	3 26 C. ft.	669 14 "	
17	Teak wood trusses complete	50 "	850 "	
87 1/2	Sq. ft. Tile roof	8 8 "	743 12 "	
65 1/4	" Bengal roof	8 8 "	554 10 "	
875	Sq. ft. Teak wood - paved over complete	1 8 "	1312 8 "	83
18	Sq. ft. paved over	1 8 "	27 "	
		Grand Total		18461 37

Brought over Rupees — 18,461 37

320 sq. ft. Panel windows — 18. sq. ft. 480 ..

30 Teak wood ventilators with
sawn iron shutters — 4 .. ea 120 ..

6.60 Syles Terrace roof — 22 .. sq. ft. 1453 2

Iron hand rail to stairs in
tower — " .. " 50 ..

5 Contrivings for main arches — 8 .. ea 40 ..

Weather Cock & Co. — " .. " 75 ..

36 Stones under ends of Trusses & Co. — 1 .. ea 36 ..

Excavating foundation and
filling in — " .. " 100 ..

Work of painting — 20 .. Cms. 1890 ..

Contingencies — 21397 67

" .. " 60293

to be not allowed for — Total Rupees 32,000 ..

Eastern Division Office
Dowlaishah — }
3. March 1900.

Chandrasekhar

Executive Engineer
Eastern Division.

Details Estimate No.

Same of Work - Middle class school at Rajahmundry,
Godavari District.

Particulars of work.	Measurements				Cubic feet.
	No.	Length	Breadth	Height or Depth	
Concrete					
Under foundations of walls	1	526	4	2	4208
" " " of middle room	1	72-6	4-6	2	652-6
" " verandah pillars &c.	1	57-0	4-0	2	4568-0
" " steps	5	17-0	6-0	1	570-0
" " " "	1	34-0	6-0	1	144-0
" " " "	1	9-0	7-0	1	63-0
" " of tower	1	14-0	14-6	2	406-0
					10,551-6
Desert hollow in tower	2 3/4	ans		2	47-6
Total Concrete C. ft.					10,599-2

Foundations.

Rough stone in Chumam.

Foundations to walls —	1	528	3-0	2	3168-0
" " " of middle room —	1	72-6	3-3	4	942-6
" " " to verandah pillars & co. —	1	57-0	3-0	2	3426-0
" " " to steps —	1	23-0	5-6	1	126-6
" " " " —	5	16-0	5-6	1	440-0
					8,103-0

Foundation to steps

to tower

Basement

to walls

of middle room

to verandah pillars & retaining wall

to tower

Steps

to

to

to

to

to

Deduct for hollow in tower

Brick in chimney- Superstructure

Walls above

of middle room

Gable ends

Parapets to steps

Tower above

to

to

Walls of

Parapet to terraced room

to tower

Deduct

to

to

to

8103-8

48-0

702-0

1 8-0 6-0 1

1 13-0 13-6 4

1 533 2 3 3198-0

1 72-6 2-6 3 564-3

1 571-6 2-0 3 3429-0

1 12 12-6 3 450-0

5 15-6 3-6 1-6 406-10

1 22-6 3-6 1-6 118-1

1 8-0 5-0 0-9 30-0

1 7-0 3-0 1-0 21-0

3 14-0 2-0 0-9 63-0

17,113-2

38-6 area 7 269-6

Total Roughstone in Churn Cft 16843-8

Windows

Flat arches over doors

to

to

to

over windows

Ventilators

Hollow in tower

Arch ways

to

Arch porten

to

to

to

to

805-1

1402-0 6-0

430-0 7-1

16-3 4

22-6 4 1/2

209-4 0 1/2

165-0 8

180-0

50 1/4 area 29-0 1457-3 8-4

3 14-0 2-0 10-6 882-0 2-6

2 14-0 1-6 10-6 441-0 0-6

3 22-0 area 2-0 132-0 4-6

2 22-0 1-6 66-0 7-0

3 24-4 2-0 2-0 292-0 4-0

2 24-4 1-6 2-0 146-0 8-0

5991-4 1-2-7

15489-6 1-6-0

1-4-0

Total bricks in Churn Cft 15489-6

Plastering

Interior of walls

to

to

of terrace room

Gable ends

Exterior of walls

of terrace room

Interior of tower

of walls to

Exterior of tower 3 sides

to in rear

Interior of parapet wall over terrace room

Exterior to

Interior of parapet over tower

Exterior of to

Parapets of steps & cuts

1 571 16 8776-0

1 57 16 912-0

1 76-0 26 1976-0

4 20-0 3-6 280-0

1 503-0 15-0 7545-0

1 80-6 26-0 2093-0

1 25-0 29-0 725-0

1 35-0 6-6 227-6 45-4-0

1 31-6 35-6 1118-3 11-3-0

1 11-6 9-6 109-0 5-7-6

1 82-6 3-0 247-6 3-9-0

1 80-6 3-0 241-6 23-10-0

1 39-0 3-0 117-0

1 47-0 3-0 141-0

12 8-0 2-0 192-0

24,100-9 47-4-1

Basement

	24100-9
1 498 3	1496-0
	25594-9
Substr main arch ways	1870-0
Plastering 2 coats of Chumam S.ft.	23794-9

Flooring rooms with bricks on edge in chumam	2 81-6 19-6	3178-6
on levelling course of concrete and plastering	1 18-6 18-6	342-3
2 coats of Chumam	1 18-0 19-6	351-0
	2 17-6 10-3	358-9
	2 14-0 area	298-0
	2 57-9 7-9	801-10
	2 40-6 7-9	627-9
verandah	2 31-9 7-9	490-1
	2 8-3 7-9	127-10
	1 19-1 07-9	1503-6
	1 82-0 7-9	643-3
	48 area	48-0

Total floor sq. ft. 8772-9

Brick pillars	72 8-1-6	576
---------------	----------	-----

cut stone

Steps	5 56 1-6	210-0
	1 100 1-6 0-6	75-0
		285-0

Arch work.

Flat arch over door	1 6-6 2 1-3	16-3
	2 4-6 2 1-3	22-6
	30 5-6 1-6 1-3	309-4
over windows	16 5-6 1-6 1-3	165-0
Main arches	3 24-4 2-0 2-0	291-0
		805-1

Main arches

	2 24-4 1-6 2-0	146-0
		805-1
Total brick in chumam S.ft.		951-1
Cornice work to tower	1 94	94
to terraced room	1 156-6	156-6
		250-2
White washing with 2 coats of chumam		238

Wood work

Beam to terraced room	1 22-9 0-10 1-3	23-8-4
Joists	12 21-0 0-4 0-6	49-2-6
to platform of tower	50-0 0-2 0-4	3-0-6
Planking to	1 9-0 8-6 0-1	6-4-6
Joists to terraced room	7 10-6 0-3 0-5	7-7-0
Bressummers	1 616-0 0-6 0-8	205-4-0
Wall plate	1 500-0 0-3 0-4	41-8-0
Purlins	1 445-0 0-7 0-8	86-6-4
Pole plate	1 507-0 0-4 0-5	79-2-7
Ridge pole	1 200-0 0-3 0-9	37-6-0
Common rafters	283 16-0 0-3 0-4	377-4-0

Back rafters

8 13-6	= 108
8 11-9	= 94
8 10-6	= 84
8 9-0	= 72
8 7-6	= 60
8 6-0	= 48
8 4-6	= 36
8 3-3	= 26
8 2-0	= 16

Principal rafters

Hip rafters	4 13-6 0-4 0-7 1/2	11-3-0
Principal	6 20-6 0-4 0-7 1/2	25-7-6
Hip rafters to Verandah	6 19-0 0-4 0-7 1/2	23-9-0
Rafters to Verandah	8 16-6 0-4 0-6 1/2	23-10-0
Back rafters	328 13-6	= 4428
	16 12-0	= 192
	4620	1047-4-1

Bas

Jack rafters

4620	1047-4
16 10 = 160	
16 9 = 144	
16 7 = 112	
16 6 = 96	
16 4 = 72	
16 3 = 56	

5260 x 3" x 5 1/2" 602-8-6

Posts to ventilator

283 1-6 0-2 1/2 18-4-10

Rafters to do

290 3-6 0-20-2 1/2 35-8-10

Hip do to do

10 4-6 0-20-3 1-10-6

Roofers to tiled roof

18375

do to verandah Bengal roof

13702

32077 0-20-1/2 282-9-0

Pillar plates

72 1-6 1-6 0-2 27-1-0

Plates over ventilators

30 5-6 1-6 0-2 41-3-0

Eave board

1 1520 0-10-8 84-5-4

Drip batten

1 1520 0-20-1 21-1-4

Trusses of stairs in tower

49 2-8 0-11-0 10-10-8

Risers

50 2-8 0-10-7 6-5-9

Total Deck and 2 1/2 2119-5-11

Seak wood trusses

17 " " " "

Roofing with flat and pan tiles and chunam borders (Main roof)

1 230 32 " 7360

do do do ventilator

1 197 7 " 1379

Total Sq. ft. 8739

Roofing with 3 courses of flat tiles and 3 coats of chunam (Verandah)

1 544 12 " 6528

Seak wood panel

with frame, hinges, bolts &c

1 5 " " 7 35

30 4 " " 7 840

S. ft. 875

S. ft. 18

do panel to tower

1 3 " " 6 18

do panel windows

16 4 " " 5 320

Seak wood ventilators with swinging shutters with frames

30 4 " 1

Roofing with bricks on edge in chunam, brick jelly 3 courses of flat tiles and 3 coats of chunam

1 23 23 529

do do do tower

1 11-6 11-6 132 1/2

Sq. ft. 6.6 1/2

Stones under ends of trusses

36 " " " "

Iron hand rail to stairs in tower

" " " "

E. J. Lawrence
Executive Engineer
Eastern Division.

C. No. 6831

P. H. Secretariat

Note by Budget Section.

Item K

Remarks and References.

Constructing a
Middle class school
at Rajahmundry.

Fund Excluded Local.
(Educational)

Class original Works.

Amount of estimate Rs 2,500

Expenditure in previous year. " "

Allotment in current year. " "

Balance required to complete " "

Total Rs 2,500

Note of available funds.

Vide letter from the Director of Public
Instruction No 2150 of 13 May 1880 to the
Chief Secretary.

29-10-80

Ag. Budget Superintendent

P.W.D.

10 JUN 80

No. 3877

1st of Nov 80

No 2150.

Office of the Director of
Public Instruction,
Madras, 13th May 1880.

From,

The Director of Public Instruction,
Madras.

To,

The Chief Secretary to Government,
Fort Saint George.

Sir,

Adverting to your Official Memorandum,
No 1048 of the 10th instant, I have the honor to state
for the information of Government, that there
are no unpaid liabilities on the capital of the
Educational Building Fund (Rs 92,000) at this date.

I beg to state, however, that an estimate
amounting to Rs 5,790 for constructing a schoolhouse
at Tiruvalur was submitted to Government with
my letter No 4489 of the 4th November 1879, and no
orders have as yet been received on the proposal.
An estimate for constructing a High Schoolhouse
at Chittoor is still under consideration. About
Rs 2,400 and Rs 12,000 on account of the Tiruvalur
and Chittoor Schoolhouses have been collected
in subscriptions and about Rs 5,790 for the
former and Rs 24,000 for the latter, or about
Rs 30,000, in round numbers, will have to be
appropriated from the capital of the Building
Fund. In the event of a middle school being

Pl-519-21-11-79
Sent to Chief Secy
for opinion on the plan
estimate on the 21.11.79

sanctioned for Rajahmundry, a building will
be required vide my letter no 1665 of the 20 April 1880.

3. All building grants for private school
houses are now paid from Provincial Funds.

I have the honor to be,

Sir,

Your most obedt servant,

R. M. Mander

Director of Public Instruction

2nd 1880

P.W.D.
16 JUN 80
No 3877
10

C A W

I don't know
how this came
on my table

AW

14/3

This I think belongs
to the file in which
a reminder was sent
to the Secy of S. I. a
few days ago.

R.S. 14/3

Shaking that there is
no unpaid liability on
the capital of the Standard
Building Fund.

Book 134 May 1880
May 17.

17 MAY 80

To the Public Building
Fund

From the Public Building
Fund

05/10

at Rajahmundry will be
 abandoned and the current
 years' budget provision
 as shown in the margin
 from Educational funds
 will be replaced at
 the disposal of the
 Financial Department

For Works
 Rs 4000/-
 " Estab. 920
 " Tools & Plant 100
Total Rs 5020

14.8.82

Att

14.8.82

Desd
22/8
1/8
40
6

Secy. to Govt. Secy.
 Secy. Architect to Govt.
 Director of Public Instruction
 Examiner M. W. Brahmam
 Financial Dept

R.S.
Encl. 2/10

21

5318.

Gobt. of (1882) Madras.
PUBLIC WORKS.

23/8

Dated

Recd.

From

G. O. 22nd Aug^r 1882, No. 2157H.

Nos. 144-145

School house at
Raya kumudiy.

The project for erecting
a ^{new} abandoned
and the ^{current expenses} ~~budget~~ provision
^{the 5020} ~~from~~ conventional funds
replaced at the
disposal of the Dist.
Dept.

W. S. J. 10/10