Archives I 10,006—16-8 77.

(1) Number of pages 42

(2) Date of repair 1 · 4 · 87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public WORKS DEPARTMENT

G.O. No. B.P. No.	2019 W	Press. Mis.
Dated	8 · 8 · 1882	~~197~~ .

ot to be folded or roughly handled

8TH AUGUST 1882, No. 2019 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 64.

READ—the following papers:—

No. 122.

REPORT to accompany the Revised Plans and Estimates for Chittoor High School amounting to Rs. 39,108.

In December 1880 plans and estimates for a new High School at Chittoor were forwarded, the items were as follows:—

	RS.
Main building	40,620
Out-houses, stables, &c.	4,420
Privy	2,680
Wall round compound	5,770
Total ...	53,490

These were generally approved of by the Chief Engineer and Director of Public Instruction, but the latter pointed out that there was a sum of Rs. 46,450 only available for the building including supervision, &c., and therefore it was absolutely necessary that a cheaper or smaller building should be designed.

2. In letter No. 203, dated 12th May 1881, from this office, it was pointed out that it was not advisable that the accommodation should be reduced, and that also it was advisable that hereafter we should be able to increase the accommodation by building an upper-storey and therefore the general design should be adhered to and that no reduction should be made in the thickness of the walls or the depth of the foundations; this being the case it was proposed that the original general design should be retained.

3. To enable this to be done it was proposed to substitute for the terraced roof of the building (with the exception of the centre hall which was to be retained as designed) a tiled roof on teakwood joists, king-post trusses with ridge ventilators; the whole of masonry foundations, basement and superstructure (except as regards heights of walls, pillars, &c.,) to be built the same as originally designed.

4. Doing this makes a considerable saving in the construction of the building, and it would enable the building at any future time to be built according to the original design or to be increased to any extent required, and if thought advisable this could be done at comparatively a small cost by making use of the proposed tiled roof and wood-work for the upper-storey.

5. It was proposed further to retain the privy as designed, to substitute a cheap fence for the compound in the place of the expensive wall proposed, and to build cheap temporary coach-house and stables.

These proposals were approved of by the Chief Engineer in his memorandum No. 1245, dated 18th May, and the plans and estimates now forwarded allow for the proposed alterations.

The following show the differences between the original and present estimates :—

	Original. Rs.	Now forwarded. Rs.
Main building	40,620	34,270
Out-houses	4,420	528
Privy	2,680	2,680
Wall or fencing, &c.	5,770	1,630
	53,490	39,108
Establishment 25 per cent. ...	13,373	9,777
Tools and Plant 2½ per cent. ...	1,337	978
Total ...	68,200	49,863

The total amount, Rs. 49,863, is Rs. 3,413 in excess of the Rs. 46,450 as laid down by the Director of Public Instruction as available.

The undersigned would urge that the original design for the main building should be retained, but should the funds be absolutely not forthcoming he has no cause but to recommend the estimates now forwarded being sanctioned.

Coimbatore,
27th March 1882.

(Signed) H. R. MEAD, Major, R.E.,
Suptg. Engineer, Fourth Circle.

No. 64-A.

Read—G.O., dated 8th May 1882, No. 119 Routine, Educational.

From H. B. GRIGG, Esq., M.A., Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 27th April 1882, No. 2421.

In returning, countersigned, the plans and estimates of the Chittoor High School-house forwarded to me with endorsement No. 97 (Routine) of the 20th instant, I have the honor to observe, with reference to the Superintending Engineer's report, that the following are the original and revised estimates :—

	Original. Rs.	Revised. Rs.
Main building	40,620	34,270
Out-houses	4,420	528
Privy	2,680	2,680
Wall or fencing, &c.	5,770	1,630
	53,490	39,108
Establishment 25 per cent.	13,373	9,777
Tools and Plant 2½ per cent. ...	1,337	978
Total ...	68,200	49,863

2. The revised estimate, amounting to Rs. 49,863, exceeds the amount available, as pointed out in my letter to Government, No. 1301, dated 29th March 1881, by Rs. 3,413.

3. The Superintending Engineer urges that the original design for the main building should be retained, but that, if a saving must be effected, it may be secured by substituting for the terraced roof of the building a tiled roof on teakwood joists. The Collector of North Arcot deprecates the reduction in the height of the pillars, and considers that the effect of this would be to mar the beauty of the building and give it a "common place and extremely ugly appearance." He also considers that endeavours should be made to secure for the building a larger amount of architectural beauty. In his remarks I generally concur, and think it preferable to dispense with the stables, wall, and latrine, than to disturb radically the plan of the main building. The stables are unnecessary, a hedge with the gateway at a cost of

Rs. 350, as suggested by Mr. Whiteside, can be substituted for the wall, and a cheap open latrine will suffice, until funds are available for a permanent structure. The total estimated cost will thus come to Rs. 40,970. Adding to this the cost for supervision and tools and plant, the total cost will be Rs. 52,240. Deducting from this, however, Rs. 10,450, the contribution from Local Funds, and Rs. 12,000, the amount subscribed, the amount to be provided for from the Building Fund will be Rs. 29,790, which is considerably more than double the subscriptions. The sum is nearly Rs. 6,000 in excess of the sum which, in my previous letter, I thought should be contributed by the Educational Building Fund, but as it seems almost impossible to maintain the chief characteristics of the original design for a less sum than that proposed, I think the amount may be granted, more especially as no large outlay from the Building Fund has hitherto been incurred in this important district.

4. I beg to mention that Rs. 10,000 have been provided for the Chittoor School-house in the Budget Estimate for 1882-83, and request that the early sanction of Government be obtained for the work.

Order—dated 8th May 1882, No. 119 Routine, Educational.

Approved with the alterations proposed by the Director of Public Instruction.

(Signed) C. G. MASTER,
Chief Secretary.

No. 262.

Supplemental Report to that by Superintending Engineer, dated 27th March 1882, forwarding plans and estimates for Chittoor High School, amounting to Rs. 41,150.

The original report, dated 27th March 1882, gives the history of the plans and estimates (which has been under consideration since 1877), it was returned, and G.O., No. 119, Routine, dated 8th May 1882, communicated to this office in G.O., No. 1105 C. of 19th May 1882, directed that they should be again revised in accordance with the suggestion of the Director of Public Instruction.

This is now done; the estimate now amounts to Rs. 41,150, it provides for the building as originally designed by Captain Campbell, but the coach-house, stable, privy and wall around the compound are left out, and only a provision of Rs. 350 made for a hedge and gate.

*Enclosures 9.**

1 Plan.
1 Site plan.
1 Detailed Estimate.
1 Abstract do.
1 Original Report of Superintending Engineer.
1 Report of Executive Engineer.
1 Letter from the Director of Public Instruction.
1 Do. from Collector of North Arcot.
1 Specification.

* By banghy.

The Superintending Engineer has no remark to offer except that he considers it will be absolutely necessary, as soon as the school is opened, to build a permanent privy for the use of the masters, students, &c., and that eventually a wall or permanent fence will be requisite for the protection of the compound.

(Signed) H. R. MEAD, Lt.-Col., R.E.,
Suptg. Engineer, Fourth Circle.

Coimbatore,
6th July 1882.

To the Chief Engineer, Public Works Department.

No. 466 E.

Referred, through the Educational Department, to the Director of Public Instruction for countersignature to the revised estimate if approved.

(By Order.)

(Signed) ROSS THOMPSON, Lt.-Col., R.E.,
Ag. Under Secy. to Govt., P.W.D.

22nd July 1882.

No. 621.

Forwarded to the Director of Public Instruction.

25th July 1882.

(Signed) G. S. FORBES,
Acting Under Secretary.

No. 640.

Transferred to the Public Works Department.

29th July 1882.

(Signed) G. S. FORBES,
Acting Under Secretary.

No. 65.

Order—dated 8th August 1882, No. 2019 W., Public Works.

The plans and estimates, amounting to Rs. 41,150, for constructing the Chittoor High School in the North Arcot Division, revised in accordance with the suggestions of the Director of Public Instruction, are sanctioned.

2. In G.O., 2nd November 1881, No. 2693 W., a sum of Rs. 10,000 has been transferred to the credit of the Public Works Department from the Educational Building Fund for expenditure on this work during the current official year.

3. This sanction has been registered as Excluded Local No. 12 of 1882-83, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle, with five enclosures.
" Examiner, Public-Works Accounts, with duplicate Abstract Estimate.
" Educational Department.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras.
PUBLIC WORKS.

Dated August, 8th.

Recd. *Encl.*

G.O., 8th Aug. 1882, No. 2019 W.

AUGUST.
Nos. 64-65.

Chittoor High School.

Plans and Estimates amounting to Rs. 41,150 for constructing the — sanctioned.

LX

No 3474 / 7/2/82

29-5-82

No. 25

NORTH ARCOT COLLECTOR'S OFFICE,
Palmanair 31st January 1882.

FROM
W. S., WHITESIDE, Esquire,
Collector of North Arcot,

To
W. R. Norris, Esquire
Executive Engineer, North Arcot Division

SIR,

I have the honor to return herewith, the revised Plans and Estimates amounting to Rs 39,420 for the Chitoor High School building without my Countersignature and with the following observations.

2. I observe from the plan of the main building that, with the Exception of the centre hall, the whole building it is proposed shall be provided with an ordinary tiled roof and that the verandah pillars are to be only 8 feet whereas it was originally intended that they should be 12 feet in height. The reduction of the height of the pillars will, undoubtedly give the main building a common place

and extremely ugly appearance. It is very desirable that out of the large allotment of money for the new school as much as possible should be devoted to the main building itself and that endeavours should be made to secure for it a larger amount of Architectural beauty than is unfortunately the rule with our public offices and that appearance should not be entirely sacrificed for the sake of economy. If the proposed alteration in the height of the pillars is decided on, there can be no doubt that the school will be irredeemably ugly. It appears, however, to me that there ought to be no difficulty in keeping the pillars at their original height and still have a tiled roof.

3. I shall, however, now point out how it can be managed that the whole of the main building may be constructed with a terraced roof as originally designed. From a comparison between the original and revised

revised

revised Estimates, shown at the end of Mr Davidson's Report, I perceive that a saving of Rs 6,000 is anticipated by the alterations. I presume that if this sum or the greater portion of it can be saved from other items in the Estimate, there can be no objection to construct the whole of the main building as originally designed.

	Strength	attendance
High school	278	264
Local Fund School	192	166
Normal school	25	25
	495	455

4. I beg to point out that there is no present necessity for the construction of so large a latrine at the enormous cost of Rs 2680. I give in the margin the strength and average attendance of the several departments of the school and it appears there are, at present [illegible] classes and the rule of the school is that not more than a single boy at a time is permitted to leave the class to answer the calls of nature. Therefore, latrine accommodation for 20 boys would be amply sufficient. I am also informed that

that the school hours are so regulated that the boys are not required to attend school for more than 3 hours in the morning and 2 hours in the evening and during these short periods they merely have occasion to visit the urinal occasionally. There is therefore, no absolute necessity for a latrine to be built now at a heavy outlay. An open urinal will, I think, serve all practical purposes for the present at a cost of not more than Rs 200. This will leave a saving of Rs 2,480 under this item.

5. I also think that a saving of Rs 1220 can be effected in the item of "Gate and Fencing". Instead of the fencing being of Masonry pillars, 8 feet apart, with Palmyra rails, I think a trench 3 feet deep, dug all round the compound, and the earth thrown into an embankment and planted with aloes will form at any rate until more money is available a

Sufficient

sufficient enclosure. I am now getting from Australia the seed of a new thorny hedge plant which I am told can be cut and trimmed and presents a very nice appearance and if aloes are objected to very much the new plant might be tried but I have now in my garden a large nursery of a very handsome dark green aloe and will be glad to supply the plant for the school hedge. The gate, however, may be constructed according to the present plan and Estimate. The aloe fencing with gate will not cost more than Rs 350, which being deducted from the Estimated Amount of Rs 1570 for this item, will leave a sum of Rs 1220 available as stated above.

6. I am decidedly of opinion that no Stables and Coach houses are at all required. Until within the last 5 years these buildings were not provided even for the Collector's Huzur

Cutcherie

Cutcheri at Greamspete which was built in 1802, and where, day by day, European Officers and Native Deputy Collectors go to hold their offices in their own carriages. The Stables as since constructed are also of the most ordinary kind having only mud walls. With regard to the High School, however, with the exception of perhaps the Head Master, no other Masters have carriages of their own and the Head Master's conveyance returns home after leaving him at the school which is in close proximity to the town of Chittoor. The construction of Stables and Coach houses can, therefore, at least for the present, be abandoned. This will effect a further saving of Rs 760.

7. In consequence of these alterations and omissions a sum of Rs 4460 can be made available, leaving only Rs. 1540, for which special sanction has to be obtained to make up the sum

of

of Rs 6000 required to have the main building constructed with terraced roof. This further allotment can, I think, be applied for under the same circumstances under which the difference of Rs 2989 between the sum (Rs 36431) stated to be available for the whole building and the amount (Rs 39420) of the revised Estimate.

8. I beg also to observe that the gabled ends of the main building seem to be exposed in such a manner that, during the hot season, the radiation of heat into the rooms below will be tremendous. I should propose the ends to be tiled right to the top of the roof.

9. I request therefore that you will be good enough, with reference to the remarks I have now the honor to offer, to endeavour to remodel the Estimate so as to deviate as little as possible from the original plan & design.

I have the honor to be,
Sir,
Your Most obedient Servant

Dy Collr for Collector

3/86
82

From
The COLLECTOR of
North Arcot.

To
The Executive Engineer
North Arcot Division

Dated 31st January
Despatched 4 February 1882
Received

No. 25
Enclosure 1 Plan &c
Subject.

Returning the Plans & Estimates for the Chittoor High School building with certain alterations

Ext 184/82

81

Report to accompany the Revised Plans and Estimates for Chittoor High School amounting to Rs 39,100

In December 1880 Plans and Estimates for a new High School at Chittoor were forwarded the items were as follows

Main building	Rs 40,620
Outhouses stables &c	4420
Privy	2680
Wall round Compound	5770
Total	Rs 53490

These were generally approved of by the Chief Engineer and Director of Public Instruction but the latter pointed out that there was ~~only~~ a sum of Rs 46,450 only available for the building including supervision &c. and therefore it was absolutely necessary that a cheaper or smaller building should be designed.

In letter No. 203 dated 12th May/81 from this Office it was pointed out that it was not advisable that the accommodation should be reduced and that also it was advisable that hereafter we should be able ~~add~~ to increase the accommodation by building an upper story and therefore the general design should be adhered to and that no reduction should be made in the thickness of the walls or the depth of the foundations; this being the case it was proposed that the original ~~general~~ design should be retained.

To enable this to be done it was proposed to substitute for the terraced roof of the building (with the exception of the Centre Hall which was to retained as designed) a tiled roof on teak-wood joists King post trusses with ridge ventilaters the whole of masonry foundations basement and superstructure (except as regards heights of walls pillars &c.) to be built the same as originally designed.

Doing this makes a considerable

saving in the construction of the building and it would enable the building at any future time to be built according to the original design or to be increased to any extent required and if thought advisable this could be done at comparatively a small cost by making use of the proposed tiled roof and wood work for the upper story.

It was proposed further to retain the Privy as designed, to substitute a cheap fence for the Compound in the place of the expensive wall proposed and to build cheap temporary Coach house & stables

These proposals were approved of by the Chief Engineer in his Memorandum No. 1245 dated 18th May and the Plans and Estimates now forwarded allow for the proposed alterations.

The following show the difference between the original and present Estimates.

	Original	Now forwarded.
Main building —	40,620	34,270
Out houses —	4,420	528
Privy —	2680	2,680
Wall or fencing &c —	5770	1630
	53,490	39,108
Establishment 25 p. cent —	13,373	9,777
Tools & Plant 2½ p. cent. —	1337	978.
Total.	68,200	49,863

The total amount Rs 49863 is

Rs 3413) in excess of the 46450 Rs as laid down by the Director of Public Instruction as available.

The undersigned would urge that the original design for the main building should be retained but should the funds be absolutely not forthcoming he has no cause but to recommend the Estimates now forwarded being sanctioned.

W R Rams
Major R.E.
Supg Engr., 4th Circle

Coimbatore
27th March/82

Bl Emb 2 x8/82
2035
3251
5287

Edul 39 4/82
Epl 189/82

12

29-5-82

No. 2421.

Office of the Director of
Public Instruction,
Madras, 27th April 1882.

From
The Director of Public Instruction
Madras.

To
The Chief Secretary to Government
Fort Saint George.

Sir, In returning, countersigned, the plans and estimates of the Chittoor M schoolhouse forwarded to me with endorsement No. 97 (Routine) of the 20th instant, I have the honor to observe with reference to the Superintending Engineer's report that the following are the original and revised estimates.

	Original Rs.	Revised Rs
Main building	40,620	34,270
Out houses	4,420	528
Privy	2,680	2,680
Wall or fencing &c	5,770	1,630
	53,490	39,108
Establishment 25 per cent.	13,373	9,777
Tools and plant 2½ "	1,337	978
Total	68,200	49,863

2. The revised estimate amounting to Rs 49,863 exceeds the amount available, as pointed out in my letter to Government No. 1301 dated 29th March 1881 by Rs 3,413.

3. The Superintending Engineer urges that the original design for the main building should be retained, but that, if a saving must be effected,

it

it may be secured by substituting for the terraced roof of the building a tiled roof on teakwood joist. The Collector of North Arcot deprecates the reduction in the height of the pillars and considers that the effect of this would be to mar the beauty of the building and give it a "commonplace and extremely ugly appearance". He also considers that endeavours should be made to secure for the building a larger amount of architectural beauty. In his remarks I generally concur, and think it preferable to dispense with the stables, wall and latrine, than to disturb radically the plan of the main building. The stables are unnecessary, a hedge with the gateway at a cost of Rs 350, as suggested by Mr Whiteside, can be substituted for the wall, and a cheap open latrine will suffice, until funds are available for a permanent structure. The total estimated cost will thus come to Rs 40,970. Adding to this the cost for supervision and tools and plant, the total cost will be Rs 52240. Deducting from this, however, Rs 10450 the contribution from Local Funds and Rs 12,000 the amount subscribed, the amount to be provided for from the Building Fund will be Rs 29,790, which is considerably more than double the subscriptions. The sum is nearly Rs 6000 in excess of the sum which in my previous letter I thought should be contributed by the Educational Building Fund, but as it seems almost impossible to maintain the chief characteristics of the original design for a less sum than that proposed, I think the amount may be granted, more especially as no large outlay from the Building Fund has hitherto been incurred in this important District.

4. I beg to mention that Rs 10,000 have been provided for the Chittoor schoolhouse in the Budget Estimate for 1882-83 and request that the early sanction of Government be obtained for the work.

I have the honor to be
Sir
Your most obedient servant
B. Fry
Director of Public Instruction

1756
82

Lond 394/82

15

2019 W. 8-8-82.

[0] Edul DEPARTMENT.

Order 8 May 82
No. 119 Routine

Approved with the alterations proposed by the Director of Pub. Instruction

(Sd.) C. G. Master
Chief Secy.

To Director Pub. Instn
P.W. Dept. – with Director's letter in orig. & papers –
Despd. 8/5

From The Director
Pub. Instruction

No. 2421

Dated 27th
Received 30 April

Enclosures

SUBJECT. Ch. 218.

Returning with remarks the plans & estimates for the proposed Chittoor High school house.

With order

For

Memo:

Please print Endorsement No. 119 of 8th May 1882 in the Educational Departt. in its proper place recorded at the head of the Pro: No. 2019A, dated 8th August 1882.

16

To
The Foreman

Moodley

16th Augt/82. Public Works Departt.

No: 262

Supplemental Report to that by Supg. Engineer dated 27th March 1882 forwarding plans and estimates for Chittoor High School amounting to Rs 41,150

Enclosures: 9×
1 Plan
1 Site plan
1 Dedd estimate
1 abstract Do
1 Original Report of S.E
1 Report of Exe: Engr.
1 Letter from the Director of Instn
1 Do from Collector of North Arcot
1 Specification

× By Baughe -

The original report dated 27th March/82 gives the history of the Plans and estimates (which has been under consideration since 1877) it was returned and G.O No. 119 Routine dated 8th May 1882 Communicated to this Office in G.O. No 1105 ~~E D~~ C of 19th May 1882 directed that they should be again revised in accordance with the suggestion of the Director of Public Instruction.

This is now done, the estimate now amounts to Rs 41,150 it provides for the building as originally designed by Captain Campbell but the Coach house, Stable, Privy and Wall around the Compound are left out and only a provission of Rs 350 made for a Hedge and Gate.

The Supg: Engineer has no remarks to offer except that he considers it will be absolutely necessary as soon as the School is opened to build a permanent privy for the use of the Masters Students &ca and that eventually a wall or permanent fence will be requisite for the protection of the Compound.

Lt. Colonel RE
Supg: Engineer IV Circle

Coimbatore
6th July 1823

To
The Chief Engineer
P. W. Department

memo 96 - 14-1-81.
" 1099 - 4 - 5 - 81.
" 1245 - 18 - 5 - "
" 677C - 22 - 3 - 82.
" 828C - 14 - 4 - "
" 1105C - 19 - 5 - "
" 2693R - 2 - 11 - 81. Ooty

X10

No. 466 E. 22nd July /82

Referred through the Educational Department, to the Director of Public Instruction, for countersignature to the revised estimate if approved.

(By order)

R. W. Thompson Lt. Col. R.E.

Ag Under Secy to Govt P.W.D.

811

D 271

Forwarded to the Director of Public Instruction.

22/7

F. Forbes
Ag Under Secy

OoSu 410. 7

Ootacamund
25 July /82

(To be returned)

Ooty 17/7

Educl Dept
(High Schools)

From

The Supg Engineer,
Fourth Circle.

P. W. Sub.
528

To 2d July /82.

Dated 6th
Recd Do } July 1882

394

~~No. 262~~

Enc: 9 + 2 plans

Chittoor High School

Supplemental
from Ex. Engr's plans & estimates
~~Report~~ for — amounting to Rs: 41,150 -

—

Referred

19

[9] P.W. No 5287

Educl **DEPARTMENT.**

From

" The Dir Pub Instn

No.

Dated

Received - 26 July

Enclosures 10 + 2 + 2 Plans

Recd 8th August/82

SUBJECT.

Chittoor High School Estte

No 644.

Transferred to the Public Works Deptt

Ootacamund
29th July 1882

Ag Under Secy

For

OLS. 4. 8

No 2019 W.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 8th August/82

Read the following :—

From

The Supg Engr Fourth Circle } (H.E. No 122 d/27th March/82)

" Educational Deptt (" " 119 Routine d/8th May/82)

" Supg Engr Fourth Circle } (" " 262 d/6th July 1882)

" Educational Deptt (" " 640 d/29th " ")

Print

The plans and estimates amounting to Rs 41,150 for constructing the Chittoor High School in the North Arcot Division, revised in accordance with the suggestion of the Director of Public Instruction, are sanctioned.

2. In G.O. 2d November 1881 No 2693 W a sum of Rs 10000. has been trans-

ferred to the credit of the S.W. Deptt. from the Educational Building Fund for expenditure on this work during the current official year.

3. This sanction has been registered as Excluded Local No. 12 of 1882-83 and classified as Civil Buildings, Original Works.

R.S.

1.8.8

2/8/82

F.C.
a. 1763 h 17.7.82.

Dely
21/8

S.E. Fourth Circle. with 5 enclos ✓
" Exr. S.W. Accts. with Draft [illegible] ✓
" Educational Deptt. ✓

21 ~~5/4~~ 46/4

Govt. of {1882} Madras.
PUBLIC WORKS.

Date

Recd.

G. O. 8th Augt 1882, No. 2079 W.

Nos.

Chittoor High School

Plans & Estimates
Amtg to Rs 41150 for
Constg: the — Structures

Hoi
/18