Archives I—10,006—16-8 77.

(1) Number of pages 92

(2) Date of repair 4-6-87

(3) Initials of the Referencer [illegible]

# TAMIL NADU ARCHIVES

## GOVERNMENT OF TAMIL NADU

P. W. — DEPARTMENT

| | | |
|---|---|---|
| G.O. No. / B.P. No. | 798 W | Press. / Mis. |

Dated 12.3.1883 197-.

[illegible]

*Not to be folded or roughly handled*

798

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

No. 84.

READ—the following papers :—

From the Superintending Engineer, First Circle, dated 23rd September 1882, No. 441 V.Z.
G.O., dated 15th November 1882, No. 6152, Military.
To the Superintending Engineer, First Circle, dated 13th December 1882, No. 2291 C.
From the Quartermaster-General, dated 31st January 1883, No. 871.
From the Superintending Engineer, First Circle, dated 15th February 1883, No. 638 V.Z.
To the Military Department, dated 28th February 1883, No. 449 C.
G.O., dated 8th March 1883, No. 1007, Military.

---

No. 85.

ORDER—dated 12th March 1883, No. 798 W., Public Works.

The revised estimate, amounting to Rs. 1,565, for constructing a Military School-house at Vizagapatam, is sanctioned.

2. This sanction has been registered as Imperial Ordinary No. 45 W. of 1882-83 and classified as Military, Original Works. Imperial No. 62 W. of 1881-82 is cancelled.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, First Circle, with six Enclosures.
" Examiner, Public Works Accounts.
" Military Department.

Lieut.-C. F. Goodall.
Sworn Copier.

BUILDINGS AND ROADS.
MILITARY WORKS.

Bobt. of 1883; Madras.

PUBLIC WORKS.

...ived March, 12th.

Read. Read.

G.O., 12th March 1883, No. 798 W.

MARCH.

Nos. 84-85.

Military School-house.

*Revised estimate, amounting to Rs.* 1,665, *for constructing a* —— *at* Vizagapatam, sanc-

2

*Specification to accompany Estimate for constructing a Native Regimental School.*

*Excavation.*—Foundation to pillars to be excavated to a depth of 3 feet and a depth of 1 foot to screen walls between pillars, or to such other depth as may be necessary; to be watered and tamped well to a good level.

*Foundation.*—Pillars to be of burnt brick in clay 3 feet deep, or to such other depth as may be necessary, and built in footings of 1½ foot each. The footing courses will be carried up in two steps with an offset of 3 inches on either side, breadth of foundations to be 3 feet and 2½ feet respectively. Foundation to screen walls to be 1½ feet deep by 2½ feet broad, to be of puddle.

*Basement.*—Pillars to be of burnt brick in clay 1 foot deep and 2 feet thick. Basement screen walls to be of puddle 1 foot deep and 2 feet thick.

*Superstructure.*—Pillars 1½ feet thick to be of brick in clay. Screen walls between pillars to be of puddle (consisting of two parts sand and one part good clay), height 7½ feet below bressummer. The interior and exterior of brick-work to be pointed with chunam, and the whole to receive two coats of whitewash.

*Roofing.*—To consist of jungle-wood (well seasoned), coupled rafters, hip rafters and purlins to bressummer and reepers to be fastened with suitable nails and covered over with pan tiles laid in chunam ridge. Rafters to be set 1½ feet apart, from centre to centre, and reepers 5 inches from centre to centre, the bressummer to be halved and bolted together at the angles, and the rafters notched into them.

*Flooring.*—To be of broken brick jelly in mud, well watered and rammed, and plastered with one coat of cow-dung.

*Doors and Windows.*—To be of good seasoned jungle-wood, doors to be battened, with hinges, bolts, &c. Windows battened, with wooden bars, and hinges, bolts, &c., complete.

---

*Detailed Estimate for constructing a Native Regimental School for* 100 *Pupils.*

| No. | Measurements. Length. | Breadth. | Depth. | Contents. | Particulars. |
|---|---|---|---|---|---|
| | | | | *Excavation.* | |
| | FT. IN. | FT. IN. | FT. IN. | FT. IN. | |
| 12 | 6 0 | 3 0 | 3 0 | 648 0 | Pillars. |
| 2 | 3 0 | 3 0 | 3 0 | 54 0 | Do. |
| 10 | 10 6 | 2 6 | 1 6 | 393 9 | Paddle walls. |
| 2 | 7 6 | 2 6 | 1 6 | 56 3 | Do. do. |
| 2 | 5 0 | 1 0 | 0 6 | 5 0 | Steps. |
| | | | | 1,157 0 | Cubic feet, or 43 cubic yards of excavation foundation. |
| | | | | *Brickwork.* | |
| 12 | 5 0 | 2 9 | 3 0 | 569 3 | Foundation to pillars. |
| 2 | 2 9 | 2 9 | 3 0 | 45 4½ | Do. to do. |
| 2 | 5 0 | 1 0 | 0 6 | 5 0 | Do. to steps. |
| 12 | 5 0 | 2 6 | 1 0 | 120 0 | Basement to pillars. |
| 2 | 2 6 | 2 0 | 1 0 | 8 0 | Do. to do. |
| 12 | 4 6 | 1 6 | 7 6 | 607 6 | Superstructure to pillars. |
| 2 | 1 6 | 1 6 | 7 6 | 33 9 | Do. to do. |
| 2 | 4 6 | 1 0 | 0 6 | 4 6 | Steps. |
| | | | | 1,393 4½ | Cubic feet of brick in clay. |

*Detailed Estimate for constructing a Native Regimental School for 100 Pupils.*—(Concld.)

| No. | Measurements. Length. | Breadth. | Depth. | Contents. | Particulars. |
|---|---|---|---|---|---|
| | | | | | *Puddle Wall.* |
| | Ft. In. | Ft. In. | Ft. In. | Ft. In. | |
| 10 | 11 0 | 2 6 | 1 6 | 412 6 | Foundation to screen walls. |
| 2 | 8 6 | 2 6 | 1 6 | 63 9 | Do. to do. |
| 10 | 11 6 | 2 0 | 1 0 | 230 0 | Basement to do. |
| 2 | 9 6 | 2 0 | 1 0 | 38 0 | Do. to do. |
| 10 | 12 0 | 1 6 | 7 6 | 1,350 0 | Superstructure to do. |
| 2 | 16 6 | 1 6 | 7 6 | 236 3 | Do. to do. |
| | | | | 2,330 0 | |
| 2 | 4 0 | 1 6 | 6 6 | 78 0 | Deduct doors. |
| 14 | 3 0 | 1 6 | 4 6 | 252 0 | Do. windows. |
| | | | | 330 0 | |
| | | | | 2,000 6 | Cubic feet of puddle wall. |
| | | | | | *Pointing.* |
| 12 | 9 0 | ... | 7 6 | 810 0 | Pillars. |
| 2 | 3 0 | ... | 7 6 | 45 0 | Do. |
| 2 | 1 2 | ... | 13 6 | 80 1 | Sides of doorway. |
| 1 | 63 0 | ... | 1 0 | 63 0 | Basement to pillars. |
| | | | | 948 1 | Square feet of pointing to pillars with chunam. |
| | | | | | *Whitewashing.* |
| 1 | 193 0 | ... | 7 6 | 1,440 0 | Interior walls. |
| 1 | 204 0 | ... | 7 6 | 1,530 0 | Exterior do. |
| 1 | 206 0 | ... | 1 0 | 206 0 | Basement. |
| | | | | 3,176 0 | |
| 2 | 4 0 | ... | 6 6 | 52 0 | Deduct doors. |
| 14 | 3 0 | ... | 4 0 | 168 0 | Do. windows. |
| | | | | 220 0 | |
| | | | | 2,956 0 | Square feet of white-washing. |
| | | | | | *Roofing.* |
| 8 | 10 6 | 13 0 | ... | 1,716 0 | Main. |
| 4 | 11 0 | 13 0 | ... | 572 0 | End. |
| | | | | 2,288 6 | Square feet of roofing with jungle-wood, coupled rafters, hip rafters, rafters, breasummers and teepees, pan tiles, chunam ridge, &c. |
| | | | | | *Flooring.* |
| 1 | 77 6 | 14 6 | ... | 1,123 9 | Square feet of flooring of brick jelly in mud and plastered with cow-dung. |
| | 4 0 | ... | 6 6 | 2 | Batten doors of jungle-wood. |
| | 3 0 | ... | 4 0 | 14 | Do. windows with wooden bars do. |

*Abstract Estimate for constructing a Native Regimental School for 100 Pupils.*

| Quantities. | Particulars. | Rate. Rs. A. P. | Per. | Amount. Rs. A. P. | Total. Rs. A. P. |
|---|---|---|---|---|---|
| 43 | Cubic yards of excavation for foundation ... ... ... | 0 2 0 | C. yd. | 5 6 0 | |
| 1,394½ | Cubic feet of brick in clay ... | 10 6 8 | 100 C. ft. | 145 2 6 | |
| 2,000½ | Do. of puddle wall ... | 3 2 0 | Do. ... | 62 8 3 | |
| 948½ | Square feet of pointing with chunam ... ... ... | 0 14 0 | Square ... | 8 4 9 | |
| 2,956 | Do. of whitewashing ... | 0 3 0 | Do. ... | 5 8 8 | |
| 2,288 | Do. of roofing with jungle-wood, coupled rafters, hip rafters, rafters, breasummer and teepees, pan tiles, chunam ridge, &c. ... ... ... | 25 0 0 | Do. ... | 572 0 0 | |
| 1,124 | Do. of flooring of brick jelly in mud and plastered with cow-dung ... ... ... | 2 4 0 | Do. ... | 25 4 7 | |
| 2 | Jungle-wood batten doors ... | 12 8 0 | Each ... | 25 0 0 | |
| 14 | Do. batten windows with wooden bars ... ... | 5 8 0 | Do. ... | 77 0 0 | |
| | | | | | 930 0 0 |
| | Furniture ... ... ... | ... | ... | ... | 270 13 3 |
| | Total estimate ... | ... | ... | ... | 1,200 0 0 |

MADRAS,
*20th June* 1855.

(Signed) J. C. HASTED, *Major, R.E.,*
*Dep. Joint Secretary to Government.*

798
21

*Proceedings of the Madras Government, Public Works Department,*
*23rd July* 1875.

Read the following papers :—

No. 550. Proceedings of the Madras Government in the Military Department, dated 6th January 1875, No. 50.

ABSTRACT.—Approving with certain modifications the proposed Code of Regulations for Madras Native Army Schools.

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No. 551. Proceedings of the Madras Government in the Military Department, dated 22nd March 1875, No. 1,361.

ABSTRACT.—Communicating the sanction of the Government of India to the adoption of the Code of Regulations proposed for Native Army Schools in the Madras Presidency, and directing the publication of the Code in pamphlet form.

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No. 552. ORDER THEREON, 23rd July 1875, No. 2,087.

MILITARY WORKS, No. 16.

COMMUNICATED to District Engineers for guidance together with a copy of the standard plan, specification and estimate of quantities.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,
*Offg. Joint Secretary to Government.*

To District Engineers.
To the Controller of Public Works Accounts.
„ Consulting Architect.
„ Military Department.

Encl. E. C. Shanker.
Spare Copies

Subt. of Instructions

PUBLIC WORKS.

District Engineers

Mississippi River

Missouri River

1912.

Nos. 650-672

C. S. of Engineers proposal for Routine Army Goods in the Middle Providence—
Proceedings in the Military Department, approving with certain modifications, recommendation to District Engineers the guidance together with a copy of the standard plan, specification and estimate of quantities.

# STANDARD DESIGN.

FOR A

# NATIVE REGIMENTAL SCHOOL.

FOR 100 PUPILS

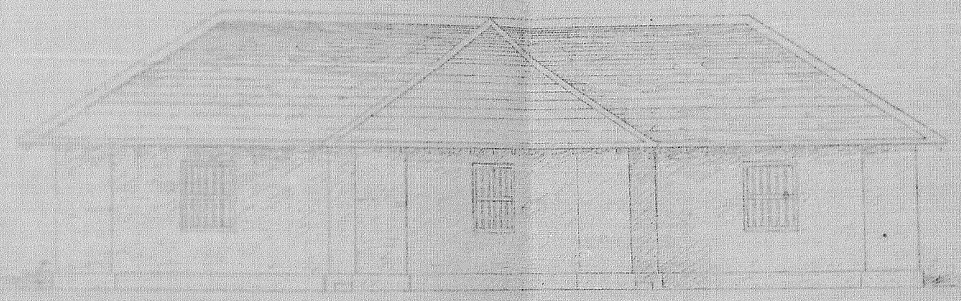
Sanctioned under G.O. Military Department 6th January 1875 No 50

SCALE TO PLAN 8 FEET TO AN INCH.

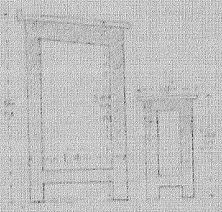
LIST OF FURNITURES.

12 Forms for class Squares ..... 12' X 10" X 14"
4 do for Writing desks ..... 12' X 10" X 1.5½"
4 Writing do ts ..... 12' X 1.5 X 2.8"
4 Black boards ..... 4' X 3' X 7'
1 Small Almirah
1 Small desk & Chair for Head Master
3 Wooden Stools for Assistant Master & Monitor

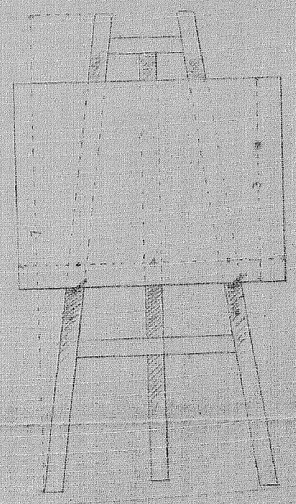
FRONT ELEVATION



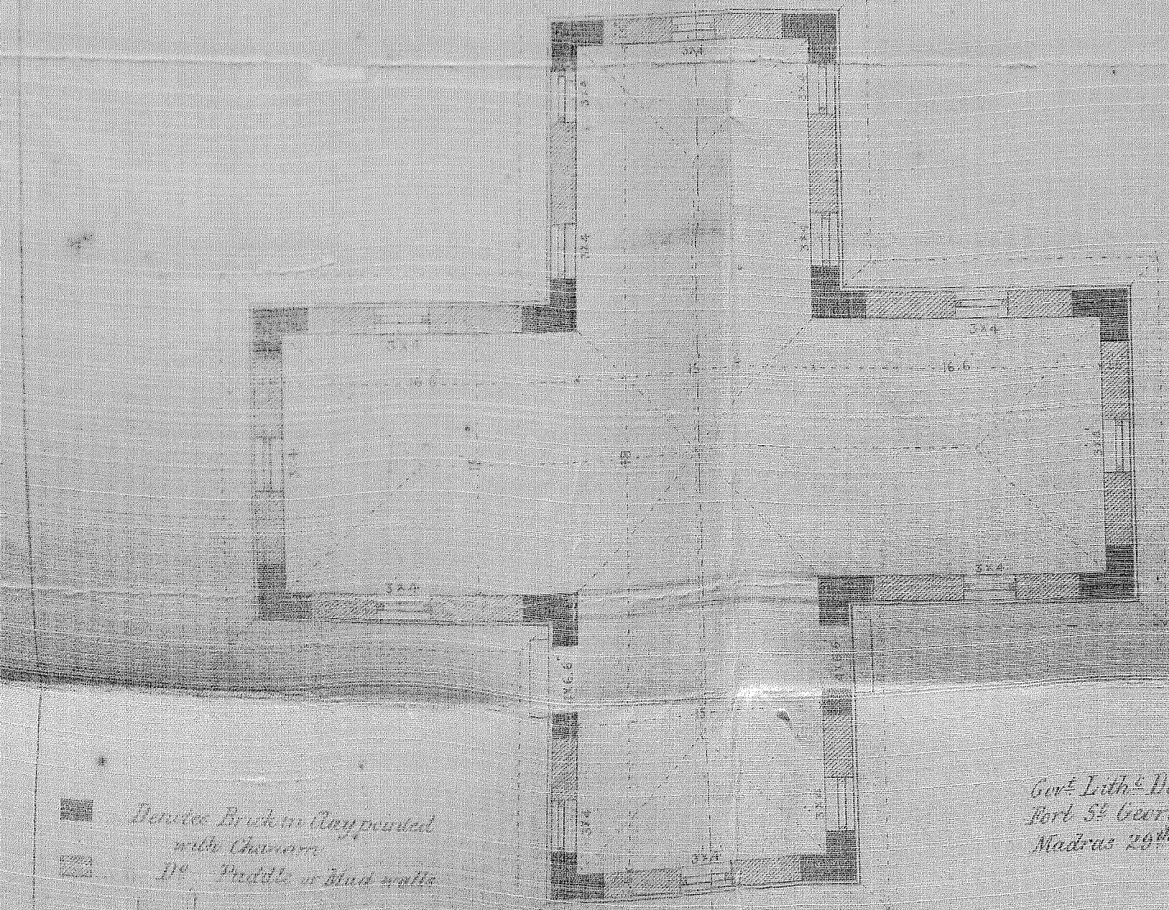
Writing Desk & Form 12 ft long



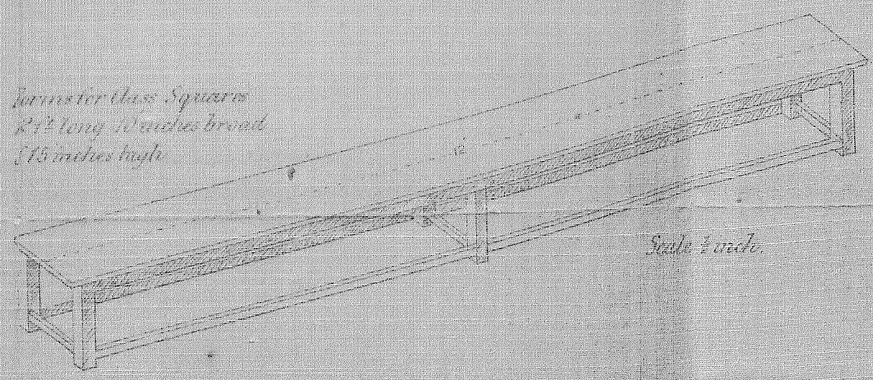
Black Board & Easel.



PLAN

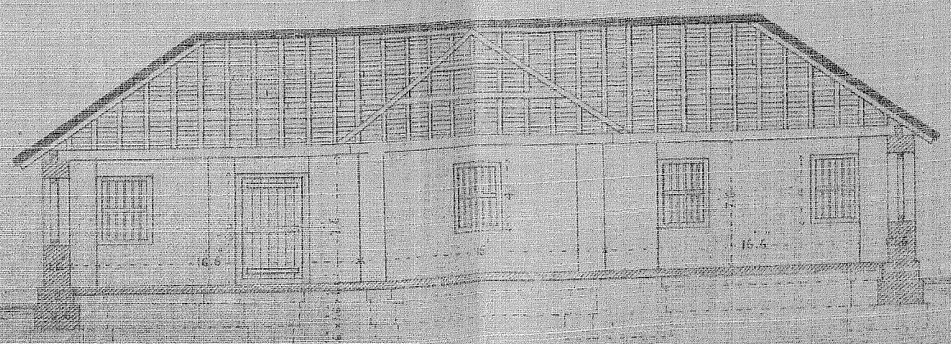



For 5 or class Squares
12 ft long 10 inches broad
15 inches high



Scale ½ inch.

SECTION THRO: A.B.




Denotes Brick in Clay pointed with Chunam

Do Puddle or Mud walls

Supt Civil Buildings

Govt Lith Department
Fort St George
Madras 29th June 1875

(Signed) A. de C. Scott Major R.E.
Under Secretary to Govt P.W.D.

№ 44 V.Z. 798

From,

The Executive Engineer
In charge 1st Circle.

To

The Chief Engineer
P.W. Department.

Dowlaishweram 23rd Sept. 1882.

Sir,

With reference to G.O № 159 W. dated 20th January 1882, sanctioning estimate amounting to Rs 1160, for constructing an Army School house at Vizagapatam I have the honor to forward herewith a revised Plan and estimate for the same building and to request that you will be good enough to obtain the sanction of Government for them.

Rs 1665-

2- The necessity for the revision of the estimate is explained in the Ex. E. letter № 1305 of 25th August 1882, copy of which is enclosed.

I have the honor to be
Sir,
your most obedient & humble servant,

Executive Engr. 1st Circle.

First Circle

Report on the Military Buildings under Construction in the Vizagapatam Division. Public works Department, for the Quarter Ending 31st December 1882

| Arm of the Service | Description of Buildings | Number of men calculated to accommodate | When Sanctioned | When Commenced | Probable date of Completion | Present condition of works. |
|---|---|---|---|---|---|---|
| Native Infantry | Constructing Military School at Vizagapatam | not known | G.O. No 159 W dated 20th January 1882 | 1st March 1882 | 1st March 1883 if Required Estimate is Sanctioned at an early date | Foundations and basement completed. Brick pillars all constructed to 12 feet height. work stopped pending Sanction of the revised Estimate which has been submitted for early Sanction. |

To Engr's office Waltair 31st December/82

To The Assistant Quarter Master General with reference to G.O. No 257 W dt 21 January 1879

Received
Executive Engineer
Vizagapatam

Submitted 1882 Dec 31
Circle Office
Vizagapatam
Submitted for the Chief Engineer's information
Waltair
Superintending Engineer
Dated 23rd Jan 1883
Received 27th January 1883
Superintending Engineer
Vizagapatam
Chief Engineer's Office
Received
Jan 29 1883
Chief Engineer
Vizagapatam
Returned
Executive Engineer
Vizagapatam
for Corrected Estimate
Submitted
Executive Engineer
Vizagapatam
Returned
Superintending Engineer
Vizagapatam
Received
Executive Engineer
Vizagapatam
Submitted 1882 Dec 31

273

From
The Executive Engineer
Nagapatam Division
Coddair

To
The Assistant Commissioner
& Principal Engineer
Madras

Fort St. George
10th January 1883.

Sir,

I have the honor to forward to the Quarter Master General

Abstract

Brigr. General
Commanding Eastern Dist.

Dated 31 December 1882
Recd 2nd January 1883

Report on the Military Buildings under construction in the Nagapatam Division for the Quarter ending 31st December 1882.

Vide G.O. 879 of 31/7/1883 & G.O. Book

Public Works Department, 1882-83.

795

Current No. 6663.
Letter No. 441 V.Z.
Dated the 23rd Sept. 1882
From the Supt. Engr. Trichinopoly

Note of Remarks.

We arised Est: for construction an Army School for the use of the 2nd Batt. Regt. M. I. at Vizagapatam amounting to Rs: 1665 or Rs: 535 in excess of the Original Est:-

We cannot fix for the reason, as explained by the Exec Engr. in owing to the insufficient standing hence the introduction of trusses to utilise the small standing about 8ft up. The trusses 17½ ft: span are not in keeping with the standard vide G.O. No: 1986 of 13.7.75 & are to be supported on Brick in mud pillars 1½ ft: square which are to have only 1 foot of Brick in Chunam as to without any granite bed plates. We have taken plates allowed in the Est. are 8 for the 7 trusses. The intermediate walling between these pillars are to be built with mud only.

We cannot also provided for the School are 11400 Sq.ft. Verandah & Verandah, thereon 1570 Sq: ft. should be allowed

as provided in G.O. No: 1241 of 10.4.77.

8 Trades are allowed in the Estimated of 7.

School Teachers are not included in the Estimate as provided in G.O. No: 1241 dy 10.4.77

The rates entered are considered fair & the plan & Estimate have been approved & countersigned by the Military authority

Vide before.

The estimate allows Rs 200 for Schools & Quarters

Chowkie - Native Army.

No. 6152

Government of Madras.

MILITARY DEPARTMENT,

Fort St George the 15th November 1882.

From the Public Works Department, No: 1826C, dated 10th October 1882.

From the Quarter Master General, to the Secretary to Govt, Mily: Dept, dated Fort St George 11th November 1882, No: 9132.

In returning the revised plan & Estimate amounting to Rs 1,965 for constructing an Army School at Vizagapatam, referred to the Commander in Chief in Order of Govt, No: 5485, dated 12th October 1882, I have the honor, by order, to state that His Excellency the Commander in Chief considers that the original Corrected Estimate amounting to Rs 1160 should be adhered to; His Excellency is of opinion that the Public Works Department should arrange to make

make use of the unsuitable rafters
for some other purpose, however, late
and that the cost of the suitable ones
in perfect timber should not fall on
the Military funds Badgets.

2nd
Inclosed
The papers must be returned
to the Public Works Depart with an
intimation that Government, in the
Military Department, consider that
the original sanctioned estimate can,
by amounting to Rupees 1100, should be
adhered to the Public Works Depart.
making its own arrangements for
utilising the unsuitable rafters.

(True Extract).

Colonel
Offg. Secretary to Govt

To
The Public Works Depart:
with papers returned.
a Quarter Master General.

Public Works Department, 1882-83.

Current No. 7873. 28 8 19
Letter No. 6152. 22
Dated the 15th November 1882.
From the Military Deptt.

Note of Remarks.

The Revised Estimate & Comparative Statement with Plan, Report & Specification for Constructing an Army Clothing Store for the 29th Regt. N.I. at Vizagapatam, Amounting to Rs. 1665 or Rs 505 in excess of the Original Estimate.

The Estimate originally sanctioned for the work is Rs 1160. Vide G.O. No 159 M. dated 20th January 1882.

The excess in the present Estimate is due to the Scantlings allowed for the rafters being found insufficient. There have already been cut up logs of greater dimensions cannot be made use of without waste thereof. These rafters cannot be used for any other purpose at present. The Ex. Engr. therefore proposes to place trusses on the pillars with ridge pole & plate & to build an Arch at the junction of the rooms & also to Construct two pillars.

The Estimate provides for 8 trusses, whereas the plan shows only 7.

The Rs provided for the Iron in the Original Estimate was also found insufficient

Against the Military Works Budget, the Cost of which is noted in the Public Works 788/20 and not the Military Dept. It would not be fair to charge a Provincial or Irrigation work with this excess and even if it went against Profit and Loss it would be still under Military Works.

R.J.

23/11

W. for Orders.

F.

27.11.32

C.M.O.

Was the original Estimate checked in the Technical branch after the Estimate had been finally approved by the Chief Engineer and Secretary?

Leo Helfenbein
Leipzig

No. 2241 C. 798 / 28

Government of Madras.

PUBLIC WORKS DEPARTMENT.

To

The Superintending Engineer Trichy

14th December 1882.

Sir,

With reference to your
letter No. D. dated 23rd
September 1882, submitting an estimate
for Rs. 6,000 for Construction and Drainage
of the Bridge across the Cauvery
on the Trichy to Karur road
and requesting to be informed
whether the Standard Design for such Bridges
is considered by me to be suitable
for the Cauvery.

I have to

A 137 – 720. 1. R
fo. 623 ex 7/720. 1. R

№ 2287 C. of 12 Dec. 1882

Fol. 18 Ref. 1883

Letter from the L.S. Palace
No. 6288 V. E. of 15th Feby 1883
relative to revised rule
for constituting an
Army school at Vyborg.

To B. & W.

For orders –

It will apparently
now be necessary to
ask the Emp. Depr
to reconsider their Order
No. 6152 of 15th Novr 1882,
which was evidently
passed under mis-
apprehension of financial
rules.

Unless it be de-
cided to make the Em-
peror personally responsi-
ble for the addl
cost, it seems difficult
to understand how the
amount of the original

were rendered necessary by the introduction of side ventilation into the second plan. The present correspondence however shows that the original plan provided for side ventilation

CL
27/2/93

W

There is no question that the order in the Sanitation Dept. is ultra vires, and that Dept. is under a misconception of the nature of the charge, which does not fall from the Sanitary Budget of each Unit upon the Parish of

[illegible] entitled to be refunded [illegible] The Army Council Parish will have [illegible] for the value of [illegible] the Local Loan the cost of [illegible] plans, which [illegible] will become [illegible] [illegible] the amounts [illegible]

The object of the Bill is apparently to enable Parishes with the difference between the rate & annual cost [illegible] [illegible] [illegible] [illegible]

It will be seen from the letter which I received by 2281 C7 12.12.92, that W. C.C. Hampton was under the impression that [illegible] after the

798/29 1643

Revised estimate for Army Council approbation.

To Dr W.

A draft memo in the case appears with is herewith for approval, but I respectfully submit that the misunderstanding in the July Depot is not as regards the proposed change between the Malabar Budget estimate for July with the R.W. Budget.

They apparently quite understand that the change is admitted, will fall on the latter, for in the Dr his July letter communicated with July Gp. No 6152 Dy 15.11.42, it is stated that H.S. the C. in C. is of opinion that the expenditure in the Malabar

not fall on the Military Works Budget.

The P.W. Budget is devoted entirely under the control of Govt in the Dept, known as the Grant for Civil Works in each Presy or Province is ultimately debited against the upkeep of the Army of that Province by the Finance Dept Calcutta, the Military authorities here are apparently jealous of any available expenditure being shown against the Imperial Army.

The misunderstanding in the Mily Dept would seem to be that they think that the P.W. Dept as a Provincial establishment, could be forced to utilize on its own (Prov.) works, returns which are purchased for Military works, but which are found afterwards to be unsuitable. They do not see that it is simply



a case of different branches of the Administration employing the same agency to execute their several works; that the cost of materials procured for Prov. or Imperial works must remain Prov. or Imperial to the end of the chapter, & that if any particular work costs double the original estimate, the entire expenditure must be charged to that work — e.g. — A. & B. employ the same contractor to build houses for them. The contractor after half finishing A's house finds he has considerably underestimated its cost, but A (the Mily. Dept) insists on the additional expense being thrown on B's, or anyone else's building, but declines to have it charged to his own! Of course all that A can really do is to refuse

the Contractor bear the loss himself.

So here the Military Dept might perhaps insist on the additional involved by the mistake in the case of the Vizag Army school being borne by the Officer who procured the unsuitable rafters, but then again any such action would apparently be ultra vires as it would have to be proved first in the P.W. Dept that the Officer commanding is really to blame.

It is submitted that para 2 of the draft rules might be omitted, leaving the other paras to stand, & adding that as the Officer in charge of the work is not considered to be in fault, he cannot be made to bear the difference between the original & revised estimates.

G

27/1/83

QUARTERMASTER-GENERAL'S OFFICE,
Fort Saint George
31st January 1883.

No. 871

From

THE QUARTERMASTER-GENERAL,

To

THE Chief Engineer
Public Works Department

SIR,

With reference to P. M. G (Military Department) No. 6152 of 15 November 1882, I have the honor by order, to forward for the accompanying "Report on the Military Buildings under Construction in the Vizagapatam Division Public Works Department for the Quarter ending 31 December 1882", and to request information as to when it may be expected that Orders for the completion of the School House for the Native Infantry at Vizagapatam will issue.

"return requested"

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

J. Sinclair Major
Offg Deputy Qr Mr Genl.

No 351/Cos Stabyfds

Forwarded to the Supdg Engineer first Circle for report what the information called for in this office memo No 2281 C.D. 12th December 88 may be expected.

Return requested.

(By order)

[illegible]

Mr Cummins

Maggs wants this

No 2288

Tezpore Division Office

Camp Tikaratta

18th January 1889.

From

The Executive Engineer

Tezpore Division

To

The Superintending Engineer

First Circle

Darjeeling

Reference this No 15818 dated the 12th January

Have the honor to explain that the plan for the Army School at Tezpore was prepared in accordance with the plan received from the Superintendent of Army Schools, in which ridge ventilator is allowed.

2. A copy of letter from the Superintendent of Army Schools together with the plan received from that officer are sent herewith for perusal and the plan is requested to be returned when no longer required.

3. In the revised plan also ridge ventilation was allowed as the same is provided for in the plan received from the Superintendent of Army Schools and sanctioned by Government in G.O. No 2070 of 20th January

[illegible]

Sd/ [illegible]

Ex. Engr Tezp. Divn

Tezpore

(True Copy)

Clark

Dy. Supdt. Corp. of Calcutta

798

No. 628, V.Z.

FROM, THE SUPERINTENDING ENGINEER 788
FIRST CIRCLE.

TO, THE CHIEF ENGINEER
FOR IRRIGATION. P.W. Department

DOWLAISHWERAM, 15th February 1883.

SIR, Sanction

With reference to your Memo No. 2281 C. dated 12th December 1882, returning the revised estimate for constructing an Army School at Bezwada together with certain remarks, I have the honor to forward herewith a copy of the Executive Division Officer's letter No. 228 dated 18th January 1883 furnishing information as to why ridge ventilation was introduced in the revised plan.

2. The enclosures returned with your Memo above quoted are herewith returned as requested.

I have the honor to be,
Sir,
your most obedient &
[signature]
Offg. Supdg. Engr. 1st Circle

Compared

No 4996

Rec'd

798
37

Recueil

fort in the P.W. dept.

3. If as proposed in the Mily. Dept. order, the pensioners perform the ordinary duties, the superintending School project will receive credit for their value, for the amount realized by their daily quota less the cost, including that, which pensioners will be receiving whether employed or not.

4. The original estimate is found to be insufficient to cover it is therefore impossible to adhere to it as ordered in the Mily. Dept. order, and the cost of the buildings whatever it may be, must be charged to the work grant for Mily. Works. The cases on the original estimate should be charged as per rule 6 of the Public Works Department & in the words of Principal Rule.

5. Finally, orders are solicited in view to the funds available during the current year being utilized.

Madras 28th Feby 1853

Lt. Col.

Secretary

To the Mily. Dept.

with the papers above quoted in original (to the Govt.)

No. 62 Dated 28/2/53

No. 72 Dated 8/3/53

of cost to this dept would be to stop the work, & in release the money already expended would be wasted. 38 37

Dept 28/2/53

G.O. 2087 dt 23-7-82
No 1826 dt 11-11-82
" - 357 dt 3-2-83
G.O. 159 dt 18-1-82
dt 2281 dt 12-12-82

No 499 dt 28-2-83

Special
Records

No. 1305 758/378

Vizagapatam 2nd Office
Camp Anganumpudy
25th August 1882

From,

The Executive Engineer
Vizagapatam Division

To,

The Supt Engineer
1st Circle.

Sir,

I have the honor to forward herewith a revised plan and estimate amounting to Rs 1,655 for constructing an Army School house of the 29th Regiment N.I. at Vizagapatam and to request you will be so good as to obtain the necessary sanction of Government to the same. The necessity for the revision of estimate is as follows:-

In the original sanctioned estimate the scantling allowed for the rafters is insufficient, but as these have already been cut up, rafters of greater scantling cannot be made use of without wasting those cut up which cannot be made use for any other purpose. I therefore propose to place trusses on the pillars, with ridge pole and purlins, and to build an arch at the junction of the

the two rooms as shown on the plan
Two pillars also require to be con-
structed to carry a truss.

Name yan  Je
(Sd) T. D. Harris
Ex Engr Vizagapatam Dr

(True Copy)

(illegible)
Ex Engr incl. Ist Circle

748

School of Naval Army.

No. 1507

798
96

Government of Madras.

MILITARY DEPARTMENT,

Fort St. George, the 5th March 1883.

From the Public Works Dept.
No. 490 dated 28th February 1883.

Upon the Quarter Master Genl.
to the Secretary to Government, Mily. Dept.,
No. 1888, dated 6th March 1883.

Returning papers received
under reference Order No. 1362 dated
2nd instant, I am directed to say that
under the circumstances mentioned in
the Memo. of the Public Works Dept.
forming one of the Enclosures, His Excel-
lency the Commander-in-Chief
has approved the revised Plan and
Estimate for the School House for
Native Infantry at Bangalore

Secl

and recommends that sanction be
accorded to it.

Order. The revised plan and
estimate are approved.

This cancels O.G. № 6152,
dated 15th November 1882.

(True Extract).

H Hamilton Colonel.
Ag. Secretary to Government

To
The Public Works Dept.
with 13 Enclosures and 1 Plan.

C. No. 4603

P. W. Secretariat.

798/18

**Note by Budget Section.**

| Work | Remarks and References. |
|---|---|
| Construction of Army School for the accommodation of 1 Regt of Artillery at Bangalore | |

Fund Defence Army

Service Head Works ... ...

Departmental Head Engineers ...

Amount of Estimate ... ... ... ... Rs. 1,60,000

Expenditure in previous year ... ... „ -

Allotment in current year ... ... ... „ -

Balance required to complete ... ... „ -

Total Rs. -

Note of available funds.

Present estimate is within powers of Govt of India Sanction dated 20 January 1882 - Re-Appropriation does not apply for Sanction of Govt

Budget Clerk.

Note by Budget Section.

P. W. (188 ?) Department.

P. W. Secretariat.

Ppe No. 6603

From the Supdg Engr East Circle

No. 661 C.E.

Dated 23rd Sept 85

Read. 2 Oct 85

Subject. Forwarding Revised Estimate for Extra Godown Accommodation at Negapatam

Disposal.

No 1826 C dfo 10-10-85

Submitted for the sanction of Govt in the Military Dept

Ordered

Acc Rupees Rupees Eighty Eight thousand Eight hundred only

Copy and 9 Enclosures.

Sd. L. Reeve Esqr

P. W. Secretariat

P. W. (1883) Department.

No. 891

From The Executive Engineer Jamnagar

No. 891

Dated 3rd January 1885.

Rcvd. 6th Jan 1885.

Subject.

Forwarding Report on the Kailoni Reservoir Constructed in the Kingdom of Nawanagar during 1883-84 & requesting to Return the Plans & Estimate sent with same.

Dispatch.

No 351 Jamnagar the 8th January 1885

Forwarded to the Chief Engineer & Secretary to Government in the Public Works Department Bombay for information with reference to his letter No 2287 dated 22nd December 1884.

Return requested

By Order

[illegible]

Asstt Engineer

for Chief Engineer

[illegible]

P. W. Secretariat.

P. W. DEPARTMENT—1881-82.

~~MEMORANDUM~~

298

Current No. 7686 AB

Letter Number 86 VZ

dated the 16th December 1887

from the ~~Supt.~~ Engineer ~~in charge~~

of the 1st Circle.

Note of Remarks

The Estimate for Constructing a Military School House at Bezwada

Amounts to Rs 62,000

The Site intended are considered suitable.

The Plan & Estimate have been approved of by the Chief Engineer & Secretary

Lt.

28/12/87

C. No. 1336

P. W. Secretariat.

798
19

Note by Budget Section.

Work

Remarks and References.

Fund

Service Head

Rs.

Departmental Head

Amount of estimate

Expenditure in previous year

Allotment in current year

Balance required to complete

Total Rs.

Note of available funds.

Budget Clerk.

Note by Budget

Public Works Department.

738

The Original Estimate was accepted, & the Contract agreed with the Standard Specific Estimate. The revised Estimate provides for Bridge Ventilation & for the Eaves of the roof being projected 18" in accordance with Council's wishes. Longer Heads also had therefore to be provided &c.

20/1/82.

Submitted.

Q'd

Please take into Earthwork — how much will Bridge Ventilation & projection of wing walls affect the estimate?

PROCEEDINGS OF THE MADRAS GOVERNMENT

Route S.S. 1re Cale A.S. le 441 K.g. 23e Sept
Pros. Suez, de ft — " " 6102 15e Nov
To the S.S. 1re Cale " " 2287 12e Dec
From the 2e Sea Sne " " 8717 31e Jany
" " S.S. 1re Cale " " 628 K.g. 13e Feb
Torte Suez, de Sne " " 4990 28e "
Pros — do — " " 1507 8e Mar

Ne received
letter annexing
BR 1665, for com-
municating a finding
selected from
Vegetables in dam-
tine.

2. Mr Dawson
has been referred

GOVT. OF NSW
PUBLIC WORKS.

Redbank

Redbank 3 Mile.

Redbank Weir

Box 34-85

Colliery School House

Revised Estimate for

Additions to Family accommodation

at Head of Lane Cove River

58

5