(1) பக்கங்களின் எண்ணிக்கை 116

(2) புதுக்கித் திருப்பிய நாள் 12/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1225-1226 அச்சகம்
பலவகை

நாள் : 9 5 1889 ~~198~~ .

க்கவோ கண்டபடி கையாளவோ கூடாது

Statement no 3 and 4
Printed Sheet no 13, 31, 33, 51, 56

8 Sheets

, கா-1—18,000—15-6-87.

1225-26

9TH MAY 1889, No. 1225 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated 12th January 1888, No. 145 A.

Referring to G.O., No. 5209 of 25th August 1887, I am desired to submit, for the sanction of Government and for transfer to the Public Works Department for disposal, the estimates and plans, &c., below mentioned, which have been approved by the Commander-in-Chief:—

Estimates, amounting to Rs. 2,400 and 485, respectively, for converting and repairing the Commissariat stores in the Vellore fort so as to adapt them into barracks for two companies, Native Infantry, with report and two survey plans.

Supplemental estimate, amounting to Rs. 340, for converting the existing sub-jail into guard and store rooms for the above.

Letter No. G./502 of 20th December 1887 from General Officer Commanding Eastern District, to Quartermaster-General.

Letter No. 60 of 18th December 1887 from Collector, North Arcot, to Deputy Assistant Quartermaster-General, Eastern District.

2. I am also to forward the correspondence as per margin and to note, with reference to the letter from the Collector of North Arcot to the Deputy Assistant Quartermaster-General, Eastern District, that all the buildings in the fort are military buildings, borne on military returns, and are merely placed at the disposal of different departments temporarily, while not required for essentially military purposes.

No. 301, Military.

Approved and transferred to the Public Works Department.

(By order.)

FORT ST. GEORGE,
16th January 1888.
(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 11th June 1888, No. 1018.

With reference to your endorsement No. 468 C., dated 4th February 1888 (herewith returned with its enclosures), I have the honor to submit regular detail and abstract estimates of Rs. 2,830 and Rs. 660 for converting the Commissariat stores and sub-jail in the fort at Vellore into barracks for two companies of Madras Infantry and repairing the same, in lieu of the approximates returned with the above endorsement. The regular estimates have been approved by His Excellency the Commander-in-Chief.

From Colonel W. H. **BURTON**, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Madras, 28th February 1889, No. 5832.

In returning your endorsements No. 468 C., dated 4th February 1888, and No. 2320 C., dated 22nd June 1888, I have the honor to inform you that plans and estimates and report as stated below for alterations to buildings in the Vellore fort to adapt them for use as barracks for two companies of Madras Native Infantry Regiment in the Vellore fort have been submitted through the Military Department :—

	RS.
Converting Commissariat stores into barracks for two companies ...	2,880
Do. solitary cells into cook-room	285
Total, New Works ...	3,165
Repairs.	
Repairs to Commissariat stores to be converted into barracks ...	660
Total, Original Works and Repairs ...	3,825

From Brigadier-General M. **PROTHEROE**, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 5th April 1889, No. 1378 A.

I am desired by the Commander-in-Chief to submit, for the sanction of Government and for transfer to the Public Works Department for disposal, in substitution of those forwarded with my letter No. 145 A. of 12th January 1888, the estimates and plans, &c., for the following works, which have been approved by His Excellency :—

	RS.
Converting the Commissariat stores and sub-jail into barracks for two companies, Madras Infantry, in Vellore fort.	2,880
Repairs to Commissariat stores to be converted into barracks ...	660
Converting solitary cells into cook-room for two companies, Madras Infantry.	285

2. As in the event of a regiment of Madras Infantry being sent to Pallávaram, &c., next season (should the garrison of Burma be then reduced* from 11 to 10 battalions) accommodation will be required at Vellore for two companies, Sir Charles Arbuthnot trusts that the estimates now submitted may be sanctioned at an early date to admit of the work which is entered as a class B work in the preliminary issue of the budget being put in hand as early as possible during the current official year.

* Page 8, G.O., No. 8555, of 19th December 1888.

No. 2511, Military.

Approved and transferred to the Public Works Department for disposal.

Ootacamund,
12th April 1889.

(Signed) A. **KENNEY-HERBERT**, Brigdr.-Genl.,
Secretary to Government.

Order—dated 9th May 1889, No. 1225 W., Public Works.

Ordered that the estimates, aggregating Rs. 3,825, for providing accommodation for two companies of Native Infantry in the Vellore fort be forwarded for the sanction of the Government of India, with the request that the allotment of Rs. 3,490 provided for the work in the budget for 1889-90 may be now finally passed, the further information called for in para. 6 of the Government of India Resolution No. 683 M.W., dated 29th March 1889, having been furnished in para. 2 of the Quartermaster-General's letter No. 1378 A., dated 5th April 1889, above recorded.

1225-26

(Here enter No. 1226 W., dated 9th May 1889.)

(True Extract.)

(Signed) R. R. E. **DRAKE-BROCKMAN**, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Military Department.

Endorsement—dated 9th May 1889, No. 1226 W., Public Works.

Forwarded.

Lieut.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated May, 9th.

Recd.

Encl.

G.O., 9th May 1889, Nos. 1225 W, 1226 W.

MAY.

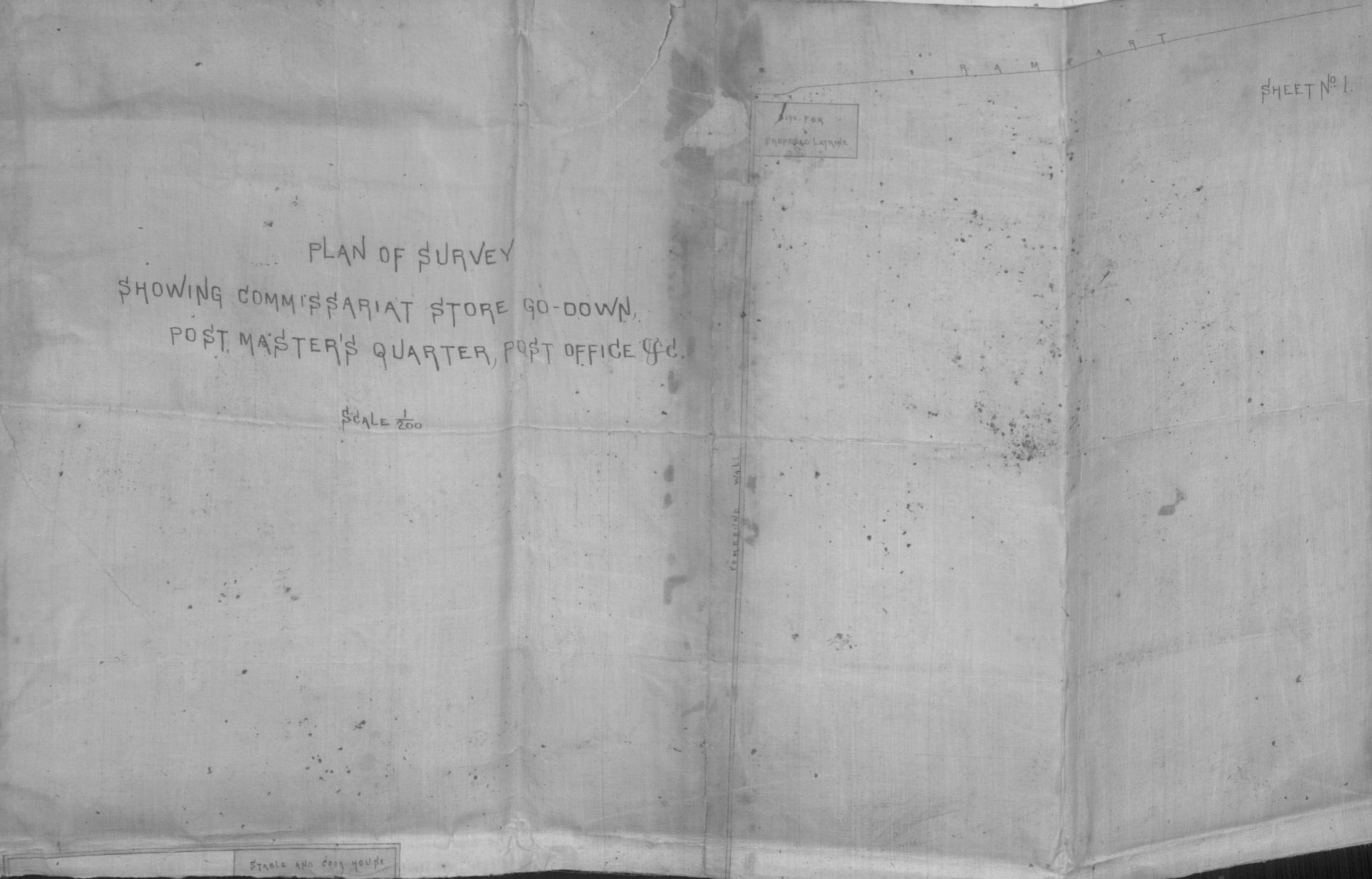
Accommodation for two Companies of Native Infantry in the Vellore Fort

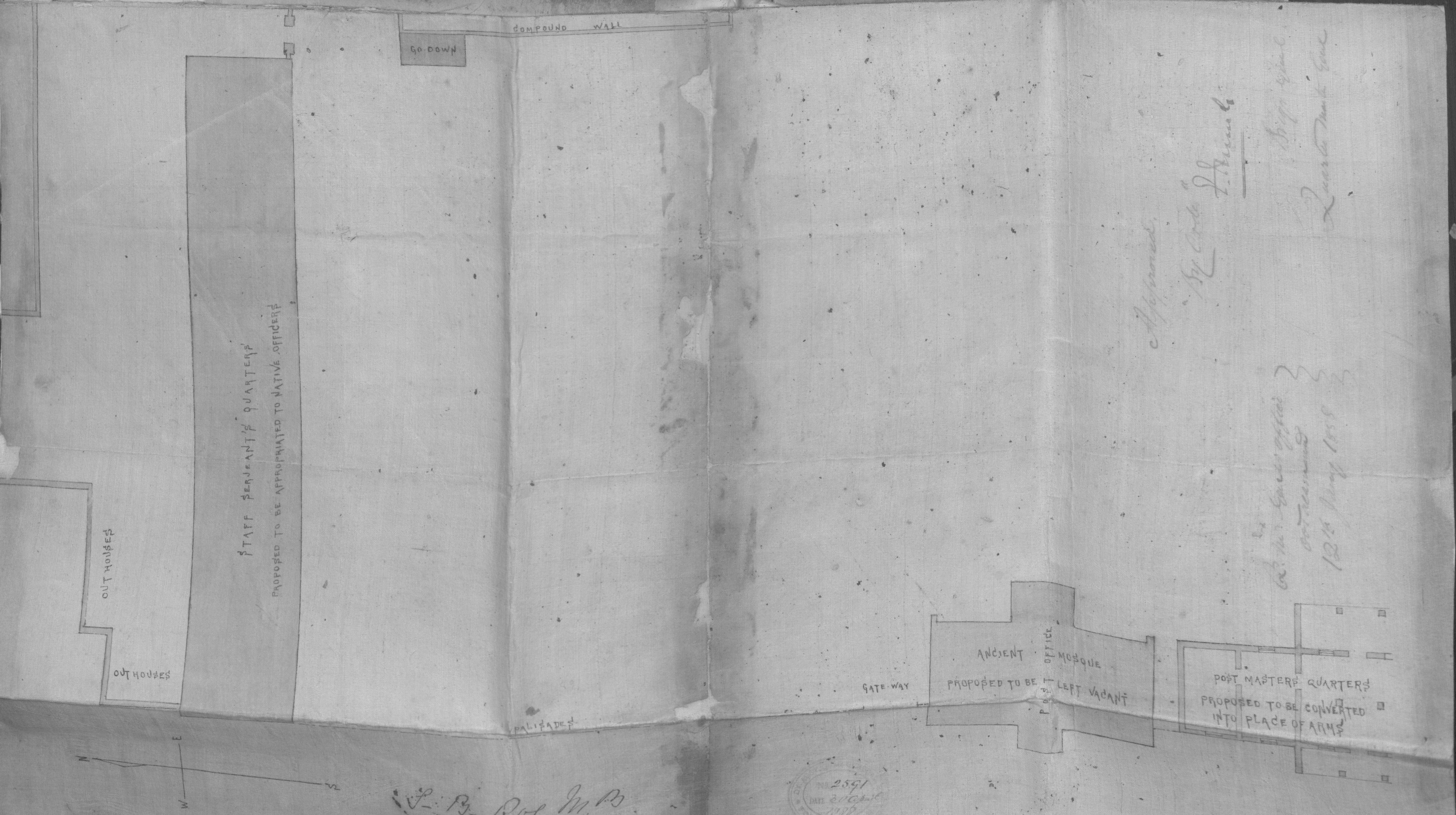
Forwarding estimates for providing —.

SHEET No. 1.

PLAN OF SURVEY
SHOWING COMMISSARIAT STORE GO-DOWN, POST MASTER'S QUARTER, POST OFFICE &c.

SCALE $\frac{1}{200}$




COMPOUND WALL
GO-DOWN
STAFF SERJEANT'S QUARTERS
PROPOSED TO BE APPROPRIATED TO NATIVE OFFICERS
OUT HOUSES
OUT HOUSES
PALISADES
GATE-WAY
ANCIENT MOSQUE
PROPOSED TO BE LEFT VACANT
POST OFFICE
POST MASTERS QUARTERS
PROPOSED TO BE CONVERTED INTO PLACE OF ARMS
N
S
E
W

Approved.
By Order
Brig. Genl
Quarter Master Genl

Qr. Mr. Genl's Office
Ootacamund
12th May 1888

S. B. Roe M.B.
Dy. Surgeon General
Presy. E D
14th May 1888

No. 2591
Date 30 April
1888

Approved

19-9-1887

Dnu 4772
24/5/88

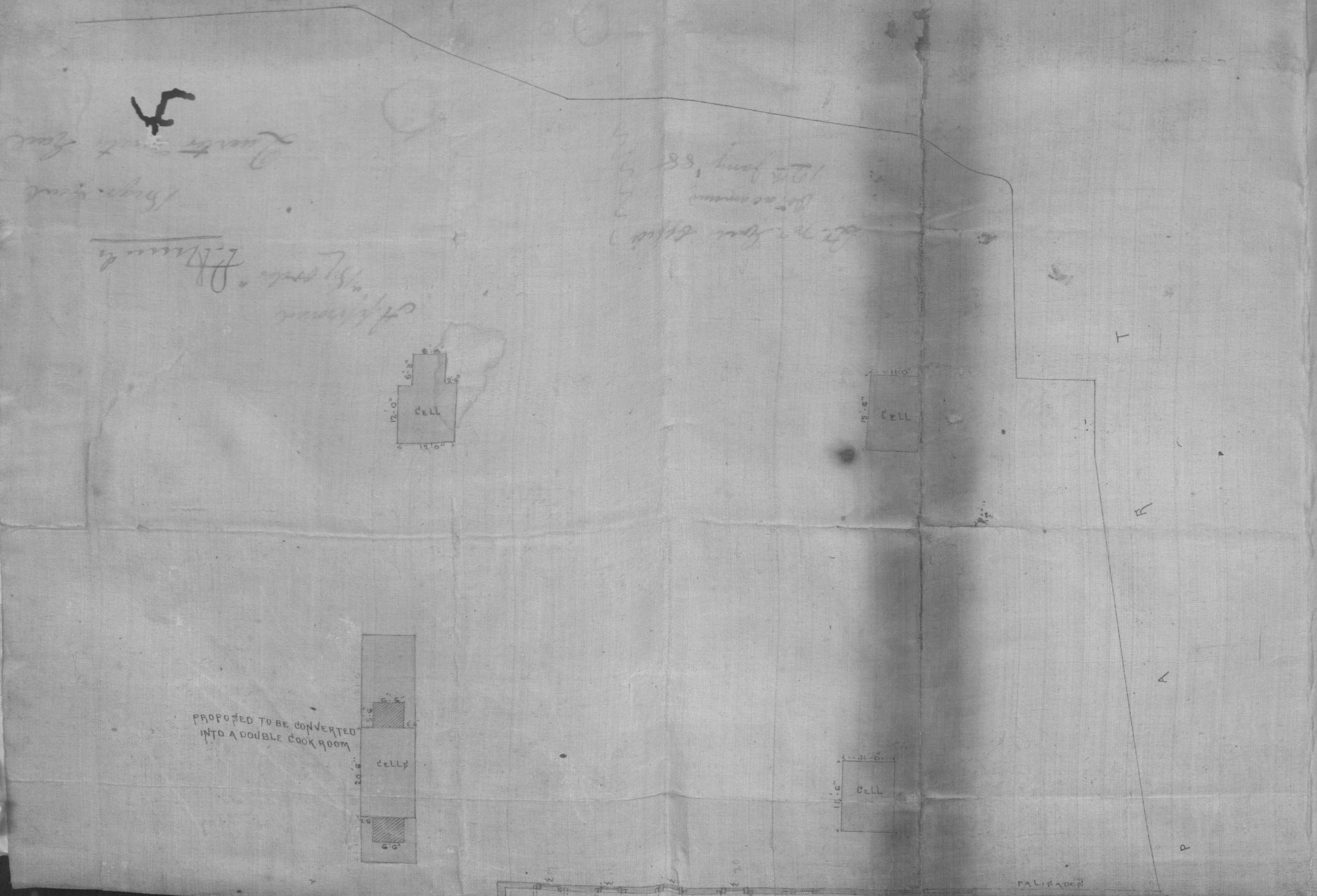
5.2.88

5 2 89

Dnu 5834
5/10/87

Dnu 5-5-14
21/9/87

Dec 2591
24/4/85
[illegible]


6'-8"
6'-3"
2'-6"
12'-0"
CELL
12'-0"
11'-0"
15'-6"
CELL
PROPOSED TO BE CONVERTED INTO A DOUBLE COOK ROOM
6'-6"
5'-6"
2'-6"
20'-6"
CELLS
2'-6"
6'-6"
11'-0"
15'-6"
CELL
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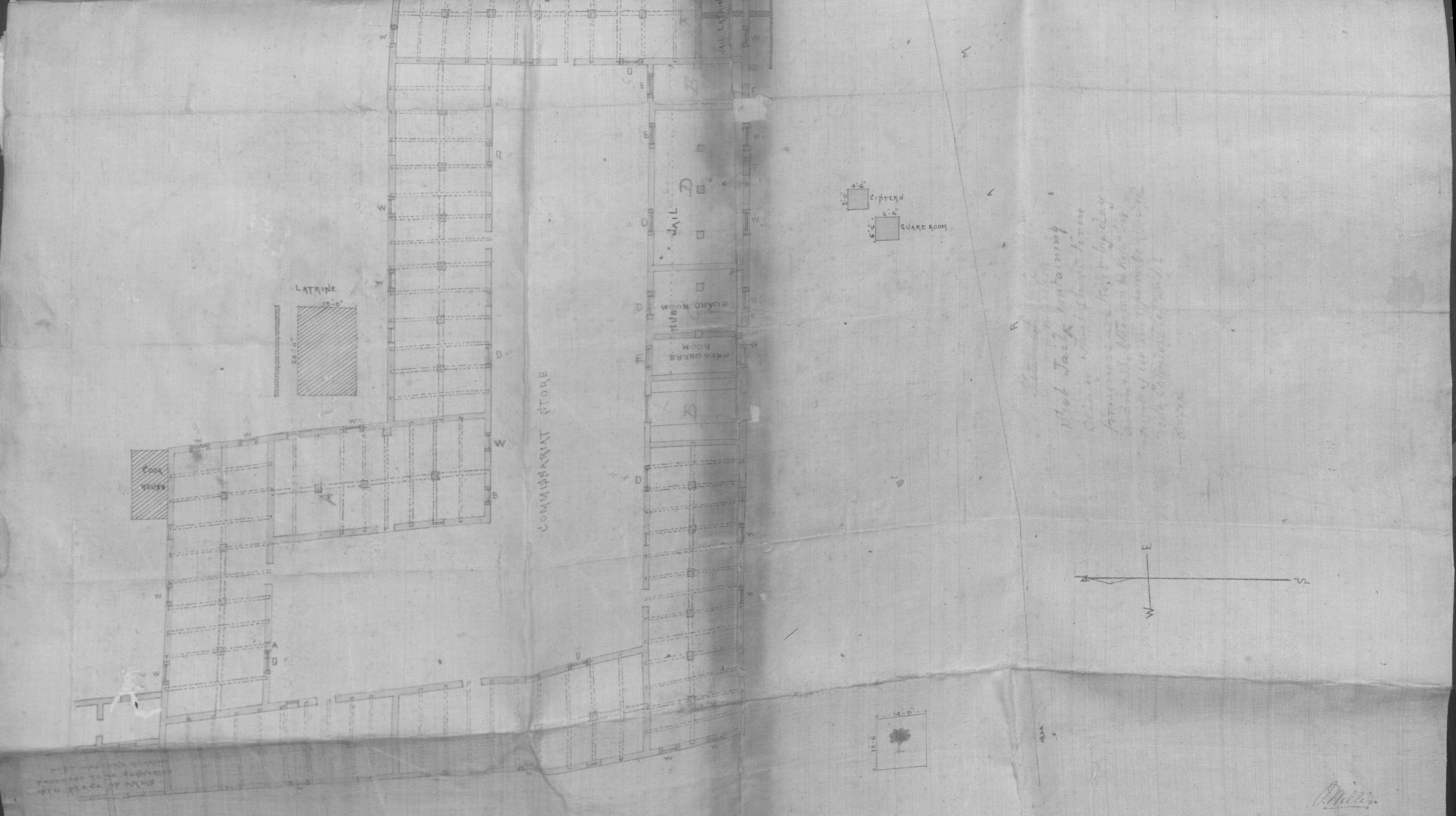
PALISADES



REFERENCE

▨ DISMANTLING

▨ PROPOSED NEW ENTRANCE

▭ PROPOSED NEW WORK

2 WINDOW MARKED A TO BE REMOVED TO B

1 W. AND D. INDICATES PROPOSED NEW WINDOWS AND DOORS

3 DOORS MARKED F.F.F. ARE TO BE REMOVED TO E.E.E.

15-9-1887

SCALE $\frac{1}{200}$

No. 2591
Date 30 [illegible]

G. Smalley Col. RE
EXECUTIVE ENGINEER

O. Millis
OVERSEER D.P.W
VELLORE & TALUQS

J. B. Roe M.B
Dy Surgeon General
14th May 1888 Cliq E D

Approved
[illegible]

Geo. Smalley

11022
28 NO

6/233
27 6

9/146
6 [illegible] 89

EXECUTIVE ENGINEER
REG'D NO. [illegible]
11 AUG 88
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
28 [illegible] 88

EXECUTIVE ENGINEER
28 JAN 88
DIVISION

25-9-7
152

Dno 2591
21/4/88

Dyno 6146A

22860

Dno 5834
5/10/87

Dno 5514
21/9/87
Dno 1108

1225-26

Public Works Department.

Current No. 514
Letter No. 301
Dated ~~the~~ 16th January 1888
From the Secy: to Govt: Mily: Dept

Sanction W.H.
27.1.88.

Note of Remarks.

The estimates under review amounting to Rs 2400, Rs 485 & Rs 340 provide

1st For converting the Commissariat Stores in the Vellore Fort into Barracks to accommodate 2 Companies of Native Infantry,

2nd For General Repairs to the building.

3rd For converting the existing Debt Jail into a Store room for the above.

The two first Estimates are stated to be "Approximate" and the third "Supplemental." The rates are fair.

The Estimates have been countersigned by the Quarter Master General and approved in the Military Deptt:-

26/1/88

1225

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Quarter Master General. H. E. No: 145 Ad/ 12th January 1888.
Endorsement by the Military Department. H. E. No: 301 d/16th January 1888.

Ordered that the estimates be forwarded for the sanction of the Govt. of India with reference to para 1140 of the P. W. Code.

H. E. No: W1

Forwarded.

3.2.88

To The Suptg. Engr. V Circle
" Examiner of P. W. Accts
" Military Department
" Rev. Dept.

6

I don't see why the Estes
are called approximate
details are given. Write [illegible]
G of I except approx [illegible]

4/7/88

1888.

P. W. DEPARTMENT.

Current No. 514

From

The Military Dept.

Enclos. 8 x 2 plan

No. 301

Dated 16th Jany 1888

Received 18 - do -

Subject.

Trans: after approval letter from the Dr Insr Genl enclosing for sanction plans & Estimates for converting & repairing the Commissariat stores in the Vellore Fort so as to adapt them into Barracks for 2 Companies Native Infantry.

Disposal.

No. 468 C Dated 4th July 1888

Referred to the Supdg: Engineer V circle for report as to why the estimates are termed "approximate" when details are given.

The estimates will require Govt. of India

1225-26

sanction under Code para 1140 and should be in detail.

(By order)

(Sd) W. L. C. Baddeley
Capt R.E.
Under Secy. to Govt P.W.

B W/4/2 J 4/2

No. 2705 W d/2-11-81

P.W.C. 5645.

The papers should be returned to S.E. V in view to the proposals being put into proper form for submission to the Govt of India.

~~The~~ Tracings should be made of the drawings, and the Estimates should be accompanied by a clean report of the works to be done.

The approval of Govt in the Military Dept is reqd

19.6.88

Public Works Department.

Current No. 5645
Letter No. 1018
Dated 11th June 1888
From the Supg: Engr: V Circle

NOTE OF REMARKS.

The Estimates under review amounting to Rs 2,830 & 660 provide for converting the Commissariat Stores, and Sub Jail in the Fort of Vellore into Barracks for two Companies of Madras Infantry.

The Estimates previously submitted for sanction amounted to Rs 2,400, Rs 485, & Rs 340 making an aggregate amount of Rs 3,225. These Ests: were returned to the Supg: Engr: with this Office Memo No 468c d/4/2/88 for report as to why the Ests were termed "approximate" when details were given, at the same

1225-28

~~time~~ informing him ~~that~~ correct estimates were required as the ~~Estimates~~ would have to be submitted to the Govt: of India for Sanction, revised Estimates in detail amounting to Rs 2830 & Rs 660 aggregating Rs 3490 are now submitted for Sanction. The Excess viz Rs 265 is probably due to the latter being correct Estimates.

The rates are fair. These estimates are countersigned by the Military Authorities but do not appear to have been submitted to Govt in Mily: Depts

19/6/88

No. 468C d/4-2-88
" 2705W " 2-11-81

1888.

P. W. DEPARTMENT.

Current No. 5645

From

The Suptg. Engineer
V circle

Enclos.—14
& 2 plans

No. 1018

Dated 11th June 1888

Received 13 — do —

SUBJECT.

Submg: regular Detail & Abstract Estimates of Rs 2830 & Rs 660 for Converting the Commissariat Stores & Sub Jail in the Fort at Vellore into Barracks for 2 Companies of Madras Infantry.

DISPOSAL.

No. 2320C Dated 22nd June 1888

Returned to the S. E. V circle in view to the proposals being put into proper form for submission to the Govt. of India.

Tracings should be made of the plans, and the estimates should

9

be accompanied by a clear report of the work to be done.

(By order)

(Sd) W. L. C. Baddeley

Capt R.E.

Dy. Chief Engineer P.W.D.

1225 26

1225 26

29th November 1888, Nos. 3772, 3773 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following paper:—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 29th October 1888, No. 4133 A.

In continuation of this office No. 3775 A of 10th instant, I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below-mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned:—

Estimate, amounting to Rs. 3,040, for constructing an Armourer's shop for Native Infantry at Quilon, with report, specification and site-plan.

2. The standard design for an Armourer's shop for Native Infantry, received with Reference O.G. No. 6214 of 13th ultimo, is herewith returned.

No. 7353, Military.

Approved and transferred to the Public Works Department for disposal.

(By order.)

Fort St. George,
6th November 1888.

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

Note by the Chief Engineer, Public Works Department.

The estimate of Rs. 3,040 for constructing an Armourer's shop for Native Infantry at Quilon has been reduced to Rs. 2,489 by the omission of the charges for "Establishment," and is recommended for sanction.

26th November 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Chief Engineer, P.W.D.

Order—dated 29th November 1888, No. 3772 W., Public Works.

The estimate, amounting to Rs. 2,489, for constructing an Armourer's shop for the Native Infantry at Quilon, is sanctioned.

2. The attention of the Superintending Engineer is drawn to the note by Chief Engineer above recorded. The duty of apportioning the charges for "Establishment" and "Tools and Plant" devolves on the office of the Examiner, Public Works Accounts (*vide* para. 1843 of the Public Works Code), and such charges should not be included in estimates for works.

3. This sanction has been registered as Imperial No. 49 W. of 1888-89 and classified as Military, Original Works.

4. Ordered that the following letter be addressed to the Government of India :—

(Here enter No. 3773 W., dated 29th November 1888.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with four enclosures.
" Examiner, Public Works Accounts, with the estimate for note and return to Superintending Engineer, IV Circle.
" Military Department.

Letter—to the Secretary to the Government of India, Military Department, dated Fort St. George, 29th November 1888, No. 3773 W.

In forwarding a copy of the Proceedings of this Government, No. 3772 W., dated 29th November 1888, sanctioning an estimate for constructing an Armourer's shop for the Native Infantry Regiment at Quilon, I am directed to inquire whether the ruling in para. 1140 of the Madras Public Works Code is applicable to public buildings connected with Native lines, or only to the actual hutting of Native troops.

2. It has hitherto been considered that the rule does not apply to public buildings, such as places of arms, workshops, &c., and estimates for many such buildings have been sanctioned by this Government. As, however, from the definition of "accommodation for troops" given at page 80, appendix F, Madras Public Works Code, it seems doubtful whether the procedure adopted by this Government is correct, I am to request the orders of the Government of India on the subject.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

Exd. S. J. Pereira.
Spare Copies

1225-26

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated November, 29th.

Recd. *Encl.*

G.O., 29th Nov. 1888, Nos. 3772, 3773 W.

NOVEMBER. 1574

Armourer's Shop for the Native Infantry at Quilon

Forwarding copy of Proceedings sanctioning estimate for — and inquiring whether the ruling in para. 1140 of the Madras Public Works Code is applicable to public buildings connected with Native lines or only to the actual hutting of Native troops.

122526

25th January 1889, No. 197 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following paper:—

From the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 17th January 1889, No. 102 M.W.

In reply to your letter No. 3773 W., dated 29th November 1888, I am directed to state, for the information of the Governor in Council, that the ruling in the Government of India circular No. 1 M.W., dated 10th March 1883, on which apparently para. 1140 of the Madras Public Works Code is based, does not apply to public buildings, such as hospitals, armouries or other sanctioned accommodation which is provided for Native troops by the State. It relates only to such buildings as, according to rule, are provided by the troops themselves with the aid of hutting money.

Order—dated 25th January 1889, No. 197 W., Public Works.

Communicated to the Examiner, Public Works Accounts, who will submit a draft standing order making the requisite addition to para. 1140 of the Public Works Code.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Examiner, Public Works Accounts,
with copy of letter to Government of India, No. 3773 W. of 1888.

Exd. J. Henricus.
Spare Copies

12

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated January, 25th.

Recd. *Encl.*

G.O., 25th Jan. 1889, No. 197 W.

JANUARY.

Accommodation for Native Troops

Letter from the Government of India stating that the ruling in para. 1140 of the Madras Public Works Code does not apply to public buildings, but only to such buildings as are provided by the troops themselves with the aid of hutting money, communicated to the Examiner, Public Works Accounts, for submission of draft standing order.

M. D. 18.

1225

Secretary to Government
2 JAN. 89
P.W. Department, Madras

~~Heading.~~
Accommodation for troops

Buildings for Native troops

It is requested that the above heading, with number and date of this communication, may be quoted in any subsequent correspondence on the subject.

No. 102 *M. W.*

GOVERNMENT OF INDIA,

MILITARY DEPARTMENT.

Fort William, the 17 January 1889.

To

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
PUBLIC WORKS DEPARTMENT.

Sir,

In reply to your letter No 3773 W dated 29th November 1888, I am directed to state, for the information of the Governor-in-Council, that the ruling in the Government of India Circular No 1 M. W. dated 10th March 1883, on which apparently paragraph 1140 of the Madras Public Works Code is based, does not apply to pu [illegible] such as hospitals, arm [illegible] ncts [illegible] accommodation which is provided for Native troops by the State. It relates only to such buildings as according to rule are provided by the

13

tr

Pelle. [illegible]

troops themselves with the aid of hutting money.—

I am,
Sir,
Your most obedient servant,

Regd 23/1/[illegible]

J. S. Broadbent Major,
for Secretary to the Govt. of India.

HB.

1225-26

1889.

P. W. DEPARTMENT.

Current No. 6445

From

ENCLOS.—

No.

Dated

Received

SUBJECT.

25/1/89

25.1

B & R
Reg. no. Nos

DISPOSAL.

A

No. 197W Dated Jan 25. 1889

Communicated to the Examiner P.W. Accts, who will submit a draft standing order making the requisite addition to para 1140 of the P.W. Code.

24/1/89

24.1.89

4/1/89

with copy of letter to Govt No 5773W of 1888

Govt. of (1889) Madras.
PUBLIC WORKS.

25/1

Dated

Recd. Encl.

40/2

G.O. 25 Jan 1889 No. 197 W

Accommodation for
=
Native troops
=
Letter from the Govt of India stating ~~that~~ the ruling in para 1140 of the Madras M. Code does not apply to public buildings ~~[illegible]~~ but only to such buildings as are provided by the troops themselves with the aid of hutting money; Com.d to the Ex. M.W. Auth. ~~[illegible]~~ for submission of ~~the necessary~~ draft standing order.

25/1 25/1

1225 21

Accounts.
Budget.

It is requested that the above heading, with number and date of this communication, may be quoted in any subsequent correspondence on the subject.

GOVERNMENT OF INDIA,

MILITARY DEPARTMENT.

Extract from the Proceedings of the Government of India, Military Department,—(No. 683-M-W, under date, Fort William, the 29th March 1889).

MADRAS.

Orders on the Military Works revised estimate for 1888-89 and budget estimate for 1889-90.

READ—

Military Department Resolution No. 2143-M-W, dated the 6th November 1888.

Proceedings of the Government of Madras, Nos. 3945 and 3946-W, *Public Works*, dated 18th December 1888.

RESOLUTION.—The revised and budget estimates of revenue for the current and ensuing years, respectively, are passed for the sums entered in the following table:—

XXXI—REVENUE.

	Actuals, 1887-88.	Budget estimate, 1888-89.	Revised estimate, 1888-89.	Budget estimate, 1889-90.
	Rs.	Rs.	Rs.	Rs.
In the Public Works Department ...	26,973	27,800	27,000	27,000

44—EXPENDITURE.

2. The revised estimate of expenditure for the current year is passed for Rs. 6,26,700, the amount of the existing grant.

3. The budget estimate for 1889-90 is framed for Rs. 6,84,700, of which Rs. 6,00,000 represents the provisional grant sanctioned in Military Department Resolution No. 2143-M-W, of the 6th November last, and the balance, the amount allotted by the Director-General of Ordnance for ordnance works in the Madras presidency. Subject to the remarks in the following paragraphs, the budget estimate is passed as submitted.

4. Provision to the extent of Rs. 20,000 should be made for improving the sanitation of the lines of Native troops.

5. The proposed allotments of Rs. 30,000 and Rs. 20,000 for the "new barracks at Poonamallee" and the "barracks for British infantry at Malapuram," respectively, are inadequate, and should, if possible, be increased by postponing less important works. The complete estimates for both these projects should be submitted for the final approval of the Government of India.

6. Pending the sanction to estimates for the three class B works noted below and the receipt of further information regarding them, the allotments proposed are passed provisionally.

Item 4,—New saddle-rooms for the Madras cavalry regiment at Bellary, Rs. 10,000.

6

Item 5,—Accommodation in the Vellore Fort for two companies of Native infantry, Rs. 3,490.

Item 12,—New rest-house and site for the rest-camp, Guntakul, Rs. 6,699.

7. It is noticed that a reserve of Rs. 16,950 has been provided for incomplete major works. The Government of India are of opinion that it would be better to allot the whole to specific works, *e.g.*, the new barracks at Poonamallee, the provision for which, as already remarked, is insufficient to admit of satisfactory progress being made.

8. The details of the estimate of expenditure passed by the Government of India are shown in the following table :—

	Actuals, 1887-88.	Budget estimate, 1888-89.	Revised estimate, 1888-89.	Budget estimate, 1889-90.
	Rs.	Rs.	Rs.	Rs.
Original Works { In progress	1,30,574	2,08,550	2,15,100	1,12,800
Original Works { Not commenced ...				1,36,100
Repairs	2,93,110	3,00,000	2,93,400	3,00,000
Total Works and Repairs ...	4,23,684	5,08,550	5,08,500	5,48,900
Establishment	98,203	1,08,755	1,08,700	1,27,600
Tools and Plant	6,323	6,995	7,000	8,200
Add net modification made subsequent to the preparation of the revised estimate (to be distributed over departmental heads in final issue.)	....	....	2,500	....
Total ...	5.28,310	6,24,300	6,26,700	6,84,700

9. In the abstract on page 2 of the preliminary issue, the expenditure of 1887-88 has been incorrectly quoted. The figures shown in the foregoing table should be adopted for the purposes of the final issue of the budget estimate.

10. The authority herein given to incur expenditure within the limits of the grants passed is subject to the condition of a strict adherence to the rules in force regarding financial regularity.

Order.—Ordered, that the foregoing be communicated to the Government of Madras, Public Works Department, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1889.

Ordered also, that a copy be forwarded to the Accountant-General, Public Works Department, for information.

(True extract)

(Signed) A. C. TOKER,

for Secretary to the Government of India.

[P. W. D. Code.—Paras. 921, 931.]

ENGINEER
28 JUN. 88
P. W. D.
COT DIVISION

P. W. D. Form.
No. M 204.

ESTIMATE FORM.—Detail Measurements.

1225-26

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Estimate for converting the commissariat Stores into Barracks for 2 Companies of Regiment of Madras Native Infantry						
Dismantling						
Brick in chunam for new doors	7	6	2	8	672	
Do. Do. Do. windows	21	5¼	2	7½	1654	
Do. Do. old window	1	5¾	2	6	58	
Latrine Main walls	1	70	1¼	10½	919	
Cross wall	1	12½	1	6	76	
Screen do.	1	26	1	6	156	
Basement	1	23	15	1	345	
Cook House						
Main wall	1	28	1½	7	294	
Ends Do.	2	8	1½	8	192	
cross Do.	1	8	1	8	64	
Basement	1	28	9½	1	266	
Brick in chunam Doorways	3	6	2	9	324	
Do. Do.	1	6	2	7½	90	
Do. Windows	7	5¼	2	7	515	
Do. Wall in Latrine	1	23½	2	12½	588	
Do. Gable Do.	1	23½	2	3	141	
Do. cross wall	1	12	2	13	312	
Total cft of Dismantling					—	6867
Dismantling roof						
Latrine Roof over Latrine	2	17	"	8	272	
Do. Do.	2	17	"	4	136	
cook house Do. cook house	1	29	"	11½	333½	
South & east end	2	19	"	16	608	
Do. Do.	1	12½	"	16	200	
Total Sq ft of Dismantling roof						1549½

17

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brick in Chunam						
Around doors	7	19	2	1	266	
Do. windows	20	17¼	2	1	690	
Do. Do.	1	14	2	1	28	
Do. Doors	3	22	2	1	132	
Do. Do.	1	19	2	1	38	
Do. Windows	7	17¼	2	1	242	
Blocking up existing doorways	3	4	2	8½	204	
Do. Do.	2	3	2	3	36	
Pillar under king post	1	2	2	11½	46	
Total cft of Brick in Chunam						1682
Ven-teak wood						
Lintles over doors	7	5½	2	¼	19-3-0 19-"-"	
Do. Windows	21	4¾	2	¼	49-10-6 50-"-"	
Converting existing Malabar truss into king post truss						
King post	1	8	2/3	½	2-8-"	
Principal rafters	2	16	1/3	½	5-"-"	
Struts	2	5½	1/3	1/3	1-2-8	
Ridge pieces	2	13	1/3	7/12	5-"-8	
Common rafters	7	16	1/3	½	18-8-"	
Jack Do.	32	8	1/3	½	42-8-"	
Hip rafters	2	22	1/3	7/12	8-6-8	
Lintels over doors	4	5½	2	¼	11-"-"	
Do. Windows	7	4¾	2	¼	16-7-6	
Total cft of Ven teak wood						180-5-6
Teakwood batten door.	7	4	"	6½	182	
Carried over					182	

[P. W. D. Code.—Paras. 921, 931.]

1225 26

P. W. D. Form.
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward					182	
Batten door	1	4	"	6½	26	
Total sft of Batten door						208
Teak wood batten windows with iron bars &c	21	3¼	"	6	409½	
Do.	7	3¼	"	6	136½	
Total sqft of Batten windows						545½
Ridge Ventilators						
Over existing roof		446			446	
Total Rft of Ridge Ventilators						446
Earthwork						
Excavating foundation to crosswall						
Foundation	1	20	3	3	180	
Total cft of Excavation						180
Concrete						
As per excavation						180.
Rough Stone in Chunam						
Cross wall	1	20	1½	13	390	
Total cft of Rough Stone in Chunam						390.
Plastering						
Blocked up doorways	2×3	4	"	8½	204	
Around doors	3	22	4	"	264	
Do. Do.	1	19	4	"	76	
Do. windows	7	17¼	4	"	483	
Cross wall	1	20	"	13	260	
Total Sqft of Plastering						1287
Ironwork Straps for truss ends including cross pieces &c.	2	6½	(1/6	3/8)		18
Total Rft 5/8						13 or lbs 32½

20,000—14-10-87.

ESTIMATE FORM.—Detail Measurements.

		Measurements in Feet.				
Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Roofing						
Roofing with ½ new bamboos & ½ new pantiles with chunam borders	2	19	"	16	608	
Do. Do. Do.	1	12½	"	16	200	
Total Sqft of roofing						808
Flooring						
Making up floor	1	24	"	14	336	
Total Sqft of Flooring						336
Dismantling						
Brick in chunam ends of cells	2	3½	1½	8	84	
Do. Side Do.	4	5½	1½	8	264	
Terrace over door	2	5½	6½	¾	54	
Total cft of Dismantling brick in chunam						402
Excavation						
For extending Side walls west end	2	11	3	2	132	
Do. Do. east Do.	2	21	3	2	252	
Do. east and west ends	2	6½	3	2	78	
Do. cross wall	1	6½	3	2	39	
Filling in basement east end	1	16	8	¾	96	
Do. Do. West Do.	1	8	8	¾	48	
Total cft of Earth work						645
Concrete						
As per estimate of Excavation						501
Rough stone in Mortar						
Basement West end Side walls	2	10¼	2	1	41	
Do. east Do. Do.	2	20¼	2	1	81	
Carried over					122	

[P. W. D. Code.—Paras. 921, 931.]

1225-26

P. W. D. Form.
No. M 204.

ESTIMATE FORM.—Detail Measurements.

		Measurements in Feet.				
Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward					122	
Basement east ends Side walls	2	8	2	1	32	
Do. cross Do.	1	8	2	1	16	
Superstructure						
West Side walls	2	10	1½	8	240	
east Do.	2	20	1½	8	480	
West and east ends	2	8½	1½	8	204	
Gables over Do.	2	11½	1½	1¾	60⅜	
cross wall	1	8½	1½	8	102	
Gable over Do.	1	10	1½	1¾	26¼	
Total cft					1283	
Deductions as per archwork below					27	
Do. for Door	1	3¼	1½	6	29	
Do. Window	4	3	1½	3	54	
Total Deduction					110	
Total cft of Rough stone in chunam less Deduction						1173
Archwork Brick in Chunam.						
over Door	1	4	1½	1	6	
over windows	4	3½	1½	1	21	
Total cft of archwork						27
Roofing						
West end room	2	11	"	8	176	
West Do.	2	21	"	8	336	
Total Sqft of roofing with pantiles						512
Flooring with concrete jelly 4" thick						
West room	1	8	8	"	64	
east Do.	1	16	8	"	128	
Total Sqft of Flooring with concrete jelly						192

19

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Plastering						
Basement outside west room	1	31¾	"	1¼	40	
Do. east Do.	1	52	"	1¼	65	
Wall West side	1	30½	"	7½	229	
Do. east Do.	1	51½	"	7½	386	
Inside west room	1	25½	"	8½	217	
Do. east Do.	1	42½	"	8½	361	
Do. cross Do.	2	8½	"	8	136	
Gable over Do.	2	8½	"	1¾	30	
Sides of Door	1	12	1½	"	18	
Sides & sills of windows	4	9	1½	"	54	
Gables of end wall	4	10¾	"	1¾	75¼	
Total					1611	
Deduction						
Door	2	3¼	"	6	39	
Windows	2x4	3	"	3	72	
Total deduction					111	
Total Sqft of Plastering						1500
Venteak						
Batten door	1	3¼	"	6	19½	
Do. Shutter	4	3	"	3	36	
Total Sqft of batten Doors & windows						55½
Tar Painting						
Door	2	3¼	"	6	39	
Windows	2x4	3	"	3	72	
Lintle over door	1	3¼	1½	"	4⅞	
Do. windows	4	3	1½	"	18	
Total Sqft of tarring						134

[P. W. D. Code.—Paras. 921, 931.]

1225-26

P. W. D. Form.
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Fencing around building.						
cut Stone posts for railings	30	½	¾	5½	61⅞	
Total cft of cut Stone						61⅞
Countrywood						
Horizontal bar	2	210	2½"	4"	29⅙	
Vertical bar.	4x28	¼'	½'	3¾	$30\frac{15}{24}$	
Total cft of wood work						$59\frac{19}{24}$
Tar painting	1	210	"	3¾	787½	
Total Sqft of tar painting						787½
Removing materials of existing Latrine at Regimental Lines to Fort and fixing the same						
Removing & fixing		L. S.				
Brick in Chunam						
Latrine side walls	6	10	1½	1	90	
Walls to dry earth Shed	1	20	¾	4	60	
Total cft of Brick in Chunam						150
Flooring 6" concrete						
Latrine with concrete Jelly	1	36	6¾	"	243	
Door	3	3½	3½	"	36¾	
Total Sqft of Flooring						279¾
Roofing						
With countrywood bamboo reepers						
Pan tiles with chunam borders	1	47	16	"	752	
Total Sqft of Roofing						752
Tar painting floor						
2 coats	1	36	11	"	396	
Inside Do. Sides all round	1	100	"	3	300	
Total Sqft of Tar painting						696

20,000—14-10-87.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
		MEASUREMENTS IN FEET.				
Plastering						
To dryearth Shed	1	20	„	8 3/4	175	
Total Sqft of Plastering						175

[illegible] 2757a

ESTIMATE FORM.—Abstract.

1225 96

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
		RS.		RS.	RS.
	Estimate for converting the commissariat Stores & Sub jail into barracks for 2 Companies of Regiment of Madras Native Infantry				
6869^{5}	Cft of Dismantling brick in Chunam	1-„-„	100 cft	69	
1550	Sqft of Dismantling roof	„-8-„	100 sqft	8	
1682	Cft of Brick in mortar	15-„-„	100 cft	252	
180	Cft of Ven teak wrought & put up.	2-4-„	cft	405	
208	Sqft of teakwood batten door with iron fitting complete	1-„-„	Sqft	208	
546	Do. Teakwood batten windows with 3/4" iron bars 4" from centre to centre with fittings &c.	1-4-„	Do.	683	
446	Rft of Ridge Ventilators including wood work	„-12-„	Rft	335	
180	Cft of Excavating foundation	3-„-„	100 cft	1	
180	Do. of concrete with stone jelly in mortar	9-„-„	100 cft	16	
390	Do. of Rough stone in Chunam	10-„-„	Do.	39	
1287	Sqft of Plastering 1. coat	1-8-„	100 sqft	19	
33	lbs of wrought iron for Straps to trusses at ends	„-3-„	lbs	6	
808	Sqft of roofing with 1/2 new bamboos 1/2 new pantiles with Chunam borders	3-8-„	100 sqft	28	
336	Sqft of Flooring with concrete jelly 4" thick	4-„-„	Do.	13	
	carried over			2082	
	~~Grand~~ Total of Estimate ..				

STATION

Dated

20,000—11-10-87.

2)

Executive Engineer.

Reference to Madras P. W. D. Code.
Paras. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. Form.
No. M 207.

Circle—
Division—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. of 188 -8 for *)

* Here enter the name and description of work in full.

ESTIMATE FORM.—Abstract.

1225-26

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
	Brought forward			2082	
402	cft of Dismantling brick in Chunam	1-„-„	100 cft	4	
645	D° of Excavation & filling in basement	3-„-„	1000 cft	2	
501	D° of concrete jelly in mortar	9-„-„	100 cft	46	
1173	D° of Rough stone in mortar	10-„-„	D°	117	
27	D° of arch work	16-„-„	D°	4	
512	Sqft of roofing with Jungle wood rafters bamboo reepers & pantiles with chunam borders.	9-„-„	100 sqft	46	
192	cft of flooring with concrete jelly 4" thick	4-„-„	100 cft	8	
1500	Sqft of plastering 1. coat	1-8-„	100 sqft	23	
56	D° of Venteak batten doors and Ventilators	„-10-„	sqft	35	
134	D° of tar painting 2. coats	1-„-„	100 sqft	2	
62	cft of cut stone	„-10-„	cft	39	
60	D° of country wood	2-4-„	D°	135	
788	Sqft of tar painting 2 coats	1-„-„	100 sqft	8	
150	cft of brick in Chunam.	15-„-„	100 cft	23	
280	Sqft of flooring 6" thick concrete jelly	5-„-„	100 sqft	14	
752	D° of roofing with country wood rafters, bamboo reepers & pantiles with chunam borders	9-„-„	D°	68	
696	D° of tar painting 2. coats	1-„-„	D°	7	
175	D° of plastering 1. coat	1-8-„	D°	2	
	Removing & refixing Latrines	L. S.		33	
	Removing existing doors	L. S.		3	
	Contingencies	about 2-8-	-	78	
	Petty supervision	about 2-	-	52	
	Grand Total of Estimate ..				2830

Rupees two thousand eight hundred and thirty

Station Vellore
Dated March 1888.

C. J. Peters
Executive Engineer.

22

21-3-88.

20,000—11-10-87.

Reference to Madras P. W. D. Code.
Paras. 921, 932, &c., 949, 952—955, 962—964.

10/409 N.B.

22 P. W. D. Form. No. M 207.

Circle—V.

Division—North Arcot

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No of 188 -8 for * .)

converting the commissariat Stores & existing Sub jail into Barrack guard & Store room for 2 Companies of Regiment of M. N. Infantry

Amount of Estimate Rs. 2830.

* Here enter the name and description of work in full.

[illegible] 2754

1925-26

Estimate No. of 1887-88.

~~Financial Head~~ Fund—Imperial Ordinary

~~Budget~~ Service Head—Military

Departmental Head—Original Works.

Main Head—Accommodation for troops (Permanent)

Sub-Head—Buildings for Native Troops in the plains.

Project of which the work forms part—

Section—

Name of Work—Converting the Commissariat stores & ~~Solitary cells~~ Sub-jail into Barracks for 2 Companies of Regiment of Madras Native Infantry at Vellore Fort.

Amount of Estimate—Rs 2830

To be carried out by—the Exete. Engineer North Arcot Division

N.B.—This space should not be written upon as it is required for filing.

REFERENCES.

—

23

Reference to Mádras P. W. D. Code.

Paras.

EXECUTIVE ENGINEER
REG'D NO. 8[illegible]
11 AUG. 88.
P. W. D.
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
REG'D NO. 8[illegible]
28 JUN. 88
P. W. D.
NORTH ARCOT DIVISION

P. W. D. Form.
No. M 203.

5th Circle.

12/333 NA
27.11.88

Division— North Arcot

Taluk— Vellore

ESTIMATE FORM—Wrapper or Outer-sheet.

Estimate for* Converting the Commissariat stores & Solitary cells into Barracks for 2 companies of a Regiment of Madras Native Infantry at Vellore Fort.

Amount of Æstimate, Rs. 2830

Detailed Estimate, No. of 1887-88.

* Here enter name and description of work in full.

20,000—30-7-86.

ESTIMATE FORM.—Abstract.

1225-26

sub-jail

Quantity	Description of Work.	Rate.	Per	Amount	Total.
		RS.		RS.	RS.
	Estimate for converting the commissariat Stores into barracks for 2 companies of Regiment of Madras Native Infantry.				
6869 5	cft of Dismantling brick in chunam	1-„-„	100 cft	69	
1550	Sqft of Dismantling roof	„-8-„	100 sqft	8	
1682	cft of Brick in mortar	15-„-„	100 cft	252	
180½	cft of Venteak wrought & put up	2-4-„	cft	405	
208	Sqft of teakwood batten door with iron fitting complete	1-„-„	Sqft	208	
546	Do Teakwood batten windows with ¾" iron bars 4" from centre to centre with fittings &c	1-4-„	Do	683	
446	Rft of Ridge Ventilators including woodwork	„-12-„	Rft	335	
180	cft of Excavating foundation	3-„-„	1000 cft	1	
180	Do of concrete with stone jelly in mortar	9-„-„	100 cft	16	
390	Do of Rough stone in chunam	10-„-„	Do	39	
1287	Sqft of Plastering 1. coat	1-4-„ 1-8-„	100 sqft	19	
33	lbs of wrought iron for straps to truss at ends	„-3-„	lbs	6	
808	Sqft of roofing with ½ new bamboos ½ new pantiles with chunam borders	3-8-„	100 sqft	28	
336	Sqft of flooring with concrete jelly 4" thick	4-„-„	Do	13	
	carried over			2082	

Grand Total of Estimate ..

Station

Dated

24

Executive Engineer.

20,000—11-10-87.

REFERENCE TO MADRAS P. W. D. CODE.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

P. W. D.
No. M 2

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No.
of 188 -8 for *

* Here enter the name and description of work in full.

Dno 472
24/5/88

14

1225-26

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
		RS.		RS.	RS.
	Brought forward			2083	
402	cft of Dismantling brick in chunam	1-„-„	100cft	4	
645	D° of Excavation & filling in basement	3-„-„	1000cft	2	
501	D° of concrete jelly in mortar	9-„-„	100cft	45	
1173	D° of Rough stone in mortar	10-„-„	D°	117	
27	D° of arch work	16-„-„	D°	4	
512	Sqft of roofing with Jungle wood rafters bamboo reepers and pantiles with chunam borders	9-„-„	100sqft	46	
192	sft flooring with concrete jelly 4" thick	4-„-„	100sft	8	
1500	Sqft of plastering 1. coats	1-8-„	100sqft	23	
56	D° of Venteak batten doors and Ventilators	„-10-„	sqft	35	
134	D° of tar painting 2. coats	1-„-„	100sqft	2	
62	cft of cut stone	„-10-„	cft	39	
60	D° of country wood	2-4-„	D°	135	
788	Sqft of Tar painting 2. coats	1-„-„	100sqft	8	
150	cft of brick in chunam	15-„-„	100cft	23	
280	Sqft of Flooring 6" thick concrete Jelly	5-„-„	100sqft	14	
752	D° of roofing with country wood rafters, bamboo reepers Pan tiles with chunam borders	9-„-„	D°	68	
696	D° of tar painting 2 coats	1-„-„	D°	7	
175	D° of Plastering 1. coat	1-4- 1-8-„	D°	2	
	Removing & refixing Latrines	L. S.		33	
	Rehanging existing doors	L. S.		3	
	contingencies	about 2-8-0	at	78	
	Petty Supervision	about 2-„-„	at	52	
	Grand Total of Estimate				2830

Rupees - Two thousand eight hundred and thirty only

Approved
"By Order"
Colonel
Commanding
21st May 88

STATION Vellore
Dated March 1888.

Assistant Engineer

Copied 20.3.88.

Executive Engineer.
North Arcot Dn.

Col. R.E.
Superintg: Engineer: V Circle.

25

Reference to Madras P. W. D. Code.
Paras. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. Form.
No. M 207.

Circle—

Division—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. of 188 -8 for *

* Here enter the name and description of work in full.

Dno 2591
21/4/88

Dno 472
24/5/88 Mil [illegible] 7594

[illegible]

Estimate No. of 1887-88. 1225-26

Fund. Imperial Ordinary.

Financial Head—

~~Budget~~ Service Head— Military Buildings.

Departmental Head— Original works.

Main Head— accommodation for troops ~~in~~ (permanent)

Sub-Head— Buildings for Native Troops ~~in the plain~~ in the plains.

Project of which the work forms part—

Section—

Name of Work— Converting the Commissariat stores (Solitary cells & Sub-jail) into Barracks for 2 companies of Regiment of Madras Native Infantry at Vellore Fort.

Amount of Estimate— Rs. 2830—

To be carried out by— the Executive Engineer North Arcot Dn.

REFERENCES.

26

REFERENCE TO MADRAS P. W. D. CODE.
PARAS. 1074 TO 1076.

952 S D

P. W. D. FORM.
No. M 203.

EXECUTIVE ENGINEER
REG'D NO.
28 JUN 88
P. W. D.
NORTH ARCOT DIVISION

9/409 NA
22 3 88

4/156 en
4 6 88

EXECUTIVE ENGINEER
REG'D NO.
11 AUG. 88
P. W. D.
NORTH ARCOT DIVISION

CIRCLE.

12/333 NA

DIVISION— North Arcot

TALUK— Vellore

ESTIMATE FORM—Wrapper or Outer-sheet.

Estimate for * converting the commissariat stores & existing sub jail into Barracks Guard & Store room for 2 companies of Regiment of M. N. Infantry

Amount of Estimate, Rs. 2830.

Detailed Estimate, No. of 1887-88.

E-3

Dno 259
21/4/88
Dno 472
24/5/88

---

* Here enter name and description of work in full.

[P. W. D. Code.—Paras. 921, 931.]

1225-26

P. W. D. FORM.
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Estimate for repairs to Commissariat stores to be converted into Barracks for 2 companies of a Regiment Madras Native Infantry

Detail of Work.	Number.	Measurements in Feet. Length.	Measurements in Feet. Breadth.	Measurements in Feet. Depth.	Area or Contents.	Total Quantity of each description of Work.
Whitewashing						
No. 1 Room allround	1	194		12½	2425	
Gables	2	24		3½	168	
Pillars	6	8		10½	504	
No. 2 room walls allround	1	166		12½	2075	
Gables over end walls	2	24		3½	168	
Pillars	4	8		10½	336	
No. 3 room allround	1	166		12½	2075	
Gables	2	24		3½	168	
Pillars	3	8		10½	252	
No. 4 room allround	1	177		12½	2213	
Gables	2	24		3½	168	
Pillars	4	8		10½	336	
No. 5 allround	1	157		12½	1963	
Gables	2	24		3½	168	
Pillars	4	8		10½	336	
No. 6 room allround	1	229		12½	2863	
Gables	2	24		3½	168	
Pillars	6	8		10½	504	
No. 7 room allround	1	207		12½	2588	
Gable	1	24		3¼	78	
Pillars	5	8		10½	420	
Gateway	2	15		13	390	
Do	2	24		13	624	
Gables	2	24		3½	168	
Carried over					21158	

27

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward					21158	
Cornice all round	1	1043		1	1043	
Total sft of whitewashing						22201
Blue washing						
Outside walls						
Do	1	1043½		11	11479	
	1	166		13	2158	
Total sft of Blue washing						13637
Repairing floor w/ concrete jelly						
No 3 room concrete Jelly	1	59		24	1416	
No 4 Do Do	1	65		24	1560	
No 5 Do Do	1	53		24	1272	
No 6 Do Do	1	91		24	2184	
No 7 Do Do	1	80		24	1920	
Total sft of flooring					8352	
Deductions						
Pillars	32	2	2		128	
Total sft of flooring with concrete Jelly less deductions						8224
Painting Carsons paint						
Windows	2×27	3¼		6	1053	
Doors	2×8	3½	3½	6½	1274	
Total sft of painting						2327
Repairing roof ¼ new reepers and pan tiles						
Here and there		Sqrs				70
Plastering 1 coat						
Here and there		Sqrs				16½

ESTIMATE FORM.—Abstract

1225/86

Quantity.	Description of Work.	Rate. RS.	Per.	Amount RS.	Total. RS.
	Estimate for repairs to Commissariat Stores when converted into Barracks for two Companies of a Regiment Madras Native Infantry				
22201	Sft of Whitewashing 2 coats	0-2-6	100 sft	35	
13637	Do Bluewashing Do	0-3-0	Do	26	
8224	Sft of repairing floor with Concrete	4-0-0	Do	329	
2327	Sft Painting 2 coats with Carsons paint	1-14-0	Do	44	
70	Sqrs of roofing with ¼ new reepers pantiles & chunam borders	2-8-0	100 sft	175	
16	Sqrs plastering 1 coat here & there	1-8-0		24	
	Contingencies	2-8-0	Cent	15	
	Petty supervision	2-0-0	Do.	12	

Rupees Six hundred and sixty only

Col. R.E.
Superintg. Engineer V Circle

Grand Total of Estimate .. 660

Station Vellore
Dated March 1888.

Asstt. Engr.

28

Executive Engineer.
North Arcot Dn.

20,000—11-10-87.

copd. 1919

REFERENCE TO MADRAS P. W. D. CODE.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

21 MAR 88
NORTH ARCOT DIVISION

P. W. D. FORM.
No. M 207.

CIRCLE— V

DIVISION— North Arcot

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. ______ of 188 -8 for* ______.)

Estimate for repairs to Commissariat stores tobe converted into Barracks for 2 Companies of a Regiment of Madras Native Infantry.

Estimate Rs. 660-0-0

* Here enter the name and description of work in full.

Dis 2591
24/4/88

1225-26

Estimate No. ______ of 188 -8 .

Fund . Imperial

Financial Head—

~~Budget~~ Service Head— Military buildings

Departmental Head— Repairs (Periodical)

Main Head— Accommodation for Troops ~~in the Plain~~ Permanent

Sub-Head— ~~Barrack~~ Buildings for native troops in the plains.

Project of which the work forms part—

Section—

Name of Work— Repairs to Commissariat stores tobe converted into Barracks for 2 companies of a Regiment of M. Native Infantry.

Amount of Estimate— Rs. 660-0-0

To be carried out by— The Executive Engineer N. Arcot Division

N.B.—This space should not be written upon as it is required for filing

REFERENCES.

copd. AS.
19/9

Reference to Madras P. W. D. Code.
Paras. 1074 to 1076.

1

EXECUTIVE ENGINEER
REG'D NO. 1213/1444
11 AUG. 88
P. W. D.
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
REGD NO. 1074
28 JUN. 88
NORTH ARCOT

952 th
R. 88
ARCOT DIVISION

P. W
No.

11/333 OA / 27.11.88
8/409 NA / 22.3.88

~~I~~ 4th CIRCLE.

Division— North Arcot

Taluk— Vellore

PW 5649

ESTIMATE FORM—Wrapper or Outer-sheet.

Estimate for* Repairs to Commissariat stores to be converted into Barracks for 2 companies of a Regiment of Madras Native Infantry.

Amount of Estimate, Rs. 660-0-0

Detailed Estimate, No. of 188 -8

* Here enter name and description of work in full.

D No 2591 / 21/4/88

Dis [illegible] 7594

1225-26

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
	Approximate estimate for converting Commissariat Store into Barracks for 2 companies of Regiment of Madras Native Infantry				
182	Sqft of Teak wood batten doors (6½'×4') with iron fittings complete	1-4-0	Sqft	228	
390	Do of Teak wood batten windows (6'×3½') with ¾" iron bars 4" from centre to centre & iron fittings &c	1-8-0	Do	585	
446	Do of Ridge Ventilators	1-0-0	Do	446	
	Blocking up old entrance Southern side and opening a new entrance eastern side	"	L. S.	200	
	Fencing (210 feet long) with gates	"	L. S.	200	
	Converting Solitary cells into cook house	"	L. S.	200	
	Dismantling Latrine and cook house	"	L. S.	50	
	Removing materials of existing latrines at Regimental lines to Fort, fixing the same and roofing with new pantiles bamboo repairs &c to Portable latrines	"	L. S.	150	
	Converting front Post master's Quarters into a Place of arms	"	L. S.	200	
	Contingencies			95	
	Petty Supervision			46	

Grand Total of Estimate .. 2400

Station Vellore
Dated 19 September 1887.

H Smalley Col R.E.
Executive Engineer.
North Arcot Dn.

30

copd. [illegible] 19/9

3/1053 W
6.2.88

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 1074, 1075, 1086, 1087, 1091 TO 1094, 1108, 1111 TO 1114, 1130 AND 1145 TO 1147.

P. W. D. FORM
No. M 207.

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. of 188 -8 for * ————————.)

409-M.R
22.3.88

* Here enter the name and description of work in full.

Estimate No. ———————— of 188 -8

1225 26

Fund; Imperial

Financial Head—

~~Budget~~ Service Head— Military Buildings.

Original work.

Departmental Head—

Main Head— Accommodation for troops.

Sub-Head— Buildings for Native troops in the plains.

Project of which the work forms part—

Section—

Name of Work— Approximate estimate [illegible] commissariat store into [illegible] N. I. [illegible]

Amount of Estimate— Rs. 2400

To be carried out by— the Executive Engineer North Arcot division

REFERENCES.

REFERENCE TO MADRAS P. W. D. CODE.
PARAS. 1074 TO 1076.

EXECUTIVE ENGINEER
REG'D NO.
11 AUG 88
DIVISION

orgimate Estimate

P. W. D. FORM.
No. M 203.

EXECUTIVE ENGIN
REG'D NO. 4/488 M
21 SEP 87
P. W. D.
NORTH ARCOT DIVISION

EXECUTIVE ENGIN
REG'D NO.
28 AUG 88
ARCOT DIVI

V^th CIRCLE.

ision—North Arcot

uk—Vellore

TIMATE FORM—Wrapper or Outer-sheet.

ate for Converting Commiss
e into Barracks for 2 comp
Regmt. of M. N. Infantry

ount of Estimate, Rs. 2400—0—0

20901

Dj No 5514
21/9/87

Dzm 6146

1225-26

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	TOTAL.
		RS.		RS.	RS.
	Approximate estimate for Repairs to Commissariat Stores to be converted into Barracks for 2 companies of a regiment Madras Native Infantry				
2000	Sq. ft. of whitewashing 2 coats	..2.6	100 sq ft	31	
12000	Do. of Blue washing Do.	..3..	Do.	23	
7200	Do. of Repairing floor	2.8..	Do.	180	
1400	Do. of Painting with 2 coats of carsons paint	1.14..	Do.	26	
	Repairing roof here and there with 1/4 new pantiles and chunam borders &c. complete	..	L. S.	175	
	Sundry plastering here and there	..	L. S.	25	
	contingencies	..		15	
	Petty Supervision	..		10	

Grand Total of Estimate .. 485

STATION Vellore
Dated 19 September 1887

H Smalley Col. R.E.
Executive Engineer.
North Arcot Dn.

Copd. [illegible]
19/9

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 1074, 1075, 1086, 1087, 1091 TO 1094, 1108, 1111 TO 1114, 1130 AND 1145 TO 1147.

5/10-88

6.2.88

P. W. D. FORM.
No. M 207.

EXECUTIVE ENGINEER
RECD.
13 FEB. 88
P.W.D.
NORTH ARCOT DIVISION

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. of 188 -8 for * .)

* Here enter the name and description of work in full.

1225-26

Estimate No. of 188 -8

Fund— Imperial

Financial Head—

~~Budget~~ Service Head— Military Buildings.

Departmental Head— Repairs (Special)

Main Head— Accommodation for troops

Sub-Head— Buildings for Native troops in the plain

Project of which the work forms part—

Section—

Name of Work— Approximate est[illegible] for Repairs to commis-sariat store to be converted into Barracks for 2 companies of Regim of M. N. Infantry

Amount of Estimate— Rs. 486 - - 0

To be carried out by— the Executive Engineer North Arcot Div

REFERENCES.

33

2/488/13

Approximate Estimate

REFERENCE TO MADRAS P. W. D. CODE.
PARAS. 1074 TO 1076.

P. W. D. FORM.
No. M 203.

EXECUTIVE ENGINEER
REG'D NO. 2/488/13
24 SEP 87
P.W.D.
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
REG'D NO.
28 JUN 88
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
REG'D NO. 2/5/11
11 AUG 88
P.W.D.
NORTH ARCOT DIVISION

9/333
27-11-88

Vth. CIRCLE.

DISTRICT North Arcot.

TALUQ Vellore.

ESTIMATE FORM—Wrapper or Outer-sheet.

Estimate for* Repair to commissariat store to be converted into Barracks for 2 companies of Regmt. N. N. Infantry

Amount of Estimate, Rs. 485-0-0

Detailed Estimate, No. of 188 -8

Dy no 1109
28-10-87

Dy no 5514
21/9/87

Dy no 5836
5/10/87

* Here enter name and description of work in full.

Dy no 6146 A

1225-26

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	TOTAL.
		RS.		RS.	RS.
	Supplemental estimate for converting the existing Subjail into guard and store rooms for 2 companies of Regiment of the Native Infantry in Vellore Fort.				
52	Sqft of Teak wood batten doors. (2×4×6½) with iron fittings complete	1-4-0	Sqft	65	
136½	Do of Teak wood batten windows (7×6×3¼) with ¾" Sqr iron bars 4" from centre to centre & iron fittings complete	1-8-0	Do	205	
3	old doors at FFF are to be removed & refitted at EEE marked on the plan		L. S.	30	
	Do Latrine interior to be demolished refloored and assimilated to the rest of the building		Do	10	
	Whitewashing 2 coats		Do	5	
	Contingencies			15	
	Petty Supervision			10	

Grand Total of Estimate .. 340

STATION Vellore
Dated 16th December 1887.

34

C Smith
Executive Engineer.
N. A. Division

Copied
18/12/87

Reference to Madras P. W. D. Code.
Paras. 1074, 1075, 1086, 1087, 1091 to 1094, 1108, 1111 to 1114, 1130 and 1145 to 1147.

P. W. D. Form No. M 907.

EXECUTIVE ENGINEER
NORTH ARCOT DIVISION
13 ... 88

EXECUTIVE ENGINEER
REG'D NO.
28 JUN 88
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
REG'D NO.
11 AUG. 88
P. W. D.
NORTH ARCOT DIVISION

8 | 333 NA
22. 11. 88

Circle— V
Division— North Arcot

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. of 188 -8 for *)

Supplemental estimate for converting the existing Sub Jail into guard and store rooms for 2 companies of Regiment of the Native Infantry in Vellore Fort

Amount of Estimate Rs. 340—

* Here enter the name and description of work in full.

7/409-VI
22-7-96

EXECUTIVE ENGINEER
NORTH ARCOT DIVISION

Dgno 7620
20/12/87

1225-26

Report to accompany approximate estimate for converting Commissariat Store Vellore Fort into Barracks for 2 Companies of a Regiment of Native Infantry -

EXECUTIVE ENGINEER
REG'D NO.
11 AUG. 88
P. W. D.
NORTH ARCOT DIVISION

This building has been selected by a Committee assembled on the 25th May 1886 to consider what buildings in the Fort should be taken up for the above purpose. The building consists of an L shaped enclosure [illegible] 150' × 95'-9" inside formed by rooms 23'-9" wide × 12'-6" high to top of walls running round with an entrance at the South side. The roof is tiled on a Malabar Truss. The floor is plastered. The walls are brick in chunam. There are 11 windows 4' × 3'-3" on the outside and 7 on the inside and 7 doors 6'-6" × 4' on the inside. There is no verandah inside or outside. The rooms on the East side of the entrance have been made into night-wards for the subsidiary Jail. There remain 7 rooms available for barracks and these aggregate 11,572 superficial feet and 188,048 Cubic feet.

It is proposed to put the building first into thorough repair for which a sum of less than Rs 500 will suffice to be met from the ordinary repair grant - 35

(a) The new work proposed consists of
Inserting 20 new windows each 6' × 3'-3" in the outside walls and 7 new doors each 6'-6" × 4' in the inside walls.

(b)
Running a ridge ventilator along the top of the roof.

(c)
Blocking up old entrance at South side and forming North Entrance with guard room at N.E. side.

(d)
Forming the double solitary cell at the N.E angle outside into a double cook room.

(e)
Removing Portable latrine from Lines and erecting to N. E of barracks

(f)
Fencing between Staff Sergeants Quarters and Barracks with gate and fencing in rear, between night wards of Subsidiary jail and rampart.

As the estimate has been sanctioned in G.O. No 2705W dated 2 Nov/81 for Rs. 1260 for re-roofing, &c to the Staff Sergeants Quarters and nothing more would be

be wanted to appropriate them as Native officers Quarters.

The present Post Master's Quarters it is thought should be converted into a Place of arms.

The cook-house and latrine attached to the Post Master's Quarters must be dismantled.

The present Post office (an ancient mosque) should it is thought ~~first~~ not be taken into occupation for ~~[illegible]~~ secular purpose again.

It is understood that orders have been issued for the amalgamation of the Postal Telegraph Offices at Vellore and that the present Post office and Post Master's Quarters will be vacated immediately.

vide 3196W Dj 26-4-87
put up with G.O. No. 99W of 1888 which is in press

The reason for blocking up the present entrance is that it is immediately contiguous to the Subsidiary jail night wards and it is thought it would be better to have a new entrance on the opposite side.

North Arcot Dt. Office
19 September 1887

H Smalley 3d C/o
Executive E.

6/1053 W
6-2-88

7/333 N A
11.87

14/446 NA
6-2-89

EXECUTIVE ENGINEER
REG'D NO. 2/488 NA
24 SEP 87
P.W.D.
NORTH ARCOT DIVISION

3/156 Dn
4-6-88

EXECUTIVE ENGINEER
13 FEB 89
P.W.D.
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
28 JUN 88
NORTH ARCOT DIVISION

3/209 NA
22-3-88

EXECUTIVE ENGINEER
23 JAN 89
NORTH ARCOT DIVISION

for perusal

Dno 5514
21/9/87

5 OCT 87
DAQMG. Office

Dno 5834
5/10/87

№ 60 North Arcot Collector Office
Vellore 18th December 1887

1225-26

From

H. Le Fanu Esqr.
Collector of North Arcot

To

The Dy Assistant Quarter
Master General
Eastern District
Fort Saint George.

EXECUTIVE ENGINEER
11 AUG 88
P.W.D.
NORTH ARCOT DIVISION

Sir

I have seen the latrine and ~~Sub~~ jail referred to in your letter No. 3892 dated 3rd Ultimo. The present custom is that prisoners are confined at night in the Jail next your proposed sepoys block, where the latrine is, and by day in the bastion Jail. Considering the very small number to be accommodated and that the accommodation in the bastion is much better than the average prisoner has ever had in his own house, I see no reason — except as below — why the whole block used at night, latrine included, should not be handed over to your

37

department

department.—

2 I note however that the bastion cells are damp & leaky. If they are to be used by prisoners at night this must be rectified, and I think your department should pay the cost. Will you do so? If not I would object altogether to the ~~[illegible]~~ change. I do not think the present latrine, carefully conserved, as all Jail latrines should be, would be likely to inconvenience your Soldiery; but if that were insisted on & the retention of the night block necessary, I see no difficulty in giving the prisoners by night other latrine accommodation if you pay the cost.—

I have the honor to be
Sir
Your most obedient Servant
(Signed) H. Le Fanu
Ag Collector

True copy
Fred Smalley Lieut Colonel
Dy Actt. Adjt General
Edh

Ah

1225-26

38

5/930
17-5-88

13/446 NA
6-2-89

7/1053 W
4-2-88

EXECUTIVE ENGINEER
1 FEB. 88
P.W.D.
NORTH ARCOT DIVISION

3/762/88

EXECUTIVE ENGINEER
REGD NO.
28 JUN. 88
P.W.D.
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
REGD NO.
28 JAN. 89
P.W.D.
NORTH ARCOT DIVISION

4
8

2040/87

Mdy 7860 A

1225 J6

Quartermaster-General's Department,
Eastern District,

No. G 502

Fort St. George, 20th December 1887.

From

Brigadier General A. C. Johnson, C. B.,
The Officer Commanding Eastern District,

To

The Quartermaster General
Madras Army

EXECUTIVE ENGINEER
REGD NO.
11 AUG. 88
P.W.D.
NORTH ARCOT DIVISION

Sir,

In accordance with the instructions conveyed in your No. 4071 A dated 25th October 1887, I have the honor to retransmit Estimate, with plan of survey Sheets 1 and 2, amounting to Rupees 2400 for converting the Commissariat Stores in the Vellore Fort into Barracks for 2 Companies Madras Infantry, together with a Supplementary estimate amounting to Rupees 340 for assimilating that portion in use as a Side jail to the remainder of the building in its (proposed) converted form. —

2. — I also beg to enclose Copy of letter No. 60 dated 18th December 1887 from the Collector of North Arcot from which it will be seen that all that is requisite to ~~give~~ free the portion of the Commissariat Stores now in use as Side jail (for confinement of prisoners by night) for occupation as Barracks is, the

39

execution

execution of Sundry repairs to the Cells in the Bastion portion of the Sub jail to fit them for night occupation by prisoners.— The Officer Commanding Vellore has been directed to call upon the Public Works Department to furnish the approximate cost of the repairs said by the Collector to be needed also a Site plan Showing Situation of Sub jail and Cells in bastion; the foregoing will, on receipt, be Submitted to you.—

3.— Should the Collector's Suggestion commend itself to the Commander-in-Chief I should recommend the following slight alterations in the plan of conversion as proposed by the Executive Engineer North Arcot which are indicated in blue pencil on Sheet 2 of plan of Survey viz:-

A. This **wall** not to be built.

B. This entrance to be retained in its present Form.

C. To be converted to Guard and Prison rooms.

D. To be retained for any extra accommodation required — or to be converted to place of arms instead of Old Post master's Quarters which would then be available for Native Officers' Quarters the building shown on Sheet I as proposed to be adapted for this purpose would then be left free for other possible requirements.

1225-26

E.- To be utilised as a Store room.

F.— Wall at , to be removed and the Subjail latrines thrown into the adjoining long room which would much improve the ventilation.

Of the above "**D**" is only proposed as alternative measure in case of its not being desired to convert the old Staff Serjeants into Native Officers Quarters but there is no doubt they would make them far better Quarters than those of the Post master. "**D**" would certainly be more convenient as a place of arms but if so utilized, any extra accommodation that might be required for men would not be available, the Old Post masters Quarters being hardly adapted for the latter purpose

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

J. P. Duken Colonel
Commanding Eastern District

t/730
7-1-88

8/1053 d
4.2.88

1423/12

No. G. 502

EXECUTIVE ENGINEER
REG'D NO.
28 JAN. 89
P. W. D.
NORTH ARCOT DIVISION

From

The General Officer Commanding
Eastern District,

EXECUTIVE ENGINEER
REG'D NO.
17 FEB. 88
P. W. D.
NORTH ARCOT DIVISION

2/762/88

12/Ukb 6 M
6-2-89

To

The Quartermaster General
Madras Army

EXECUTIVE ENGINEER
REG'D NO.
28 JUN. 88
P. W. D.
NORTH ARCOT DIVISION

2270/87

Dated 20th }
Despatched 21st } December 1887.
Received }

Subject.

Retransmits estimates amtg: to Rs 2400 for converting the Commist. Stores in the Vellore fort into Bks: for 2 Companies N. I. together with a supplementary estimate amtg: to Rs 340 for assimilating that portion in use as a Sub jail to the remainder of the building in its (proposed) converted form.

QUARTERMASTER GENERAL'S OFFICE
RECEIVED 23 DEC 87
File No. 7860 A

REFERENCE TO MADRAS P. W. D. CODE.
PARAS. 1074, 1075 AND 1086, 968.

P. W. D. FORM
No. M 209.

To be employed where there are many parts sub-divisions of a work.

Fifth CIRCLE.

DIVISION— North Arcot

Work
~~DISTRICT~~— Converting commissariat stores into
~~WORK~~— Barracks for two companies

ESTIMATE FORM.—ABSTRACT—GENERAL (FOR MANY PARTS OF A WORK).

To accompany the Detailed Estimate No. E.2
of 188 -8 for*

1355
89

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* Here enter the name and description of work in full.

1225-26 1225-26

Sheet No. I

ESTIMATE FORM.—ABSTRAC ENERAL (FOR MANY PARTS OF A WORK).

Description of Work.	Rates.		Converting the commissariat stores & Body jail into Barracks.		Converting solitary cells into cook rooms.														Total.	
	Unit.	Amount.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
Dismantling brick in chunam	100 cft	1-..-..	6400	64	416	4													6816	68
Removing Ventilators	Each	..2..	8	1	"	"													8	1
Dismantling roof	100 sft	..8..	2200	11	"	"													2200	11
Brick in chunam	100 cft	15-..-..	2864	430	"	"													2864	430
Plastering (1 coat)	100 sft	1-4-..	4475	56	"	"													4475	56
New teak wood wrought and put up	cft	2-4-..	316	711	"	"													316	711
Teak wood batten doors with iron fittings & complete	s. ft	1-..-..	208	208	"	"													208	208
Teak wood window with iron bars &c	do	1-4-..	546	683	"	"													546	683
Roofing with ½ new Bamboos ½ new pantiles & chunam borders &c	100 sft	3-8-..	710	25	"	"													710	25
New roofing with bamboo reepers pantiles & chunam borders &c.	do	5-..-..	4626	231	"	"													4626	231
Flooring with concrete jelly 4" thick	do	4-..-..	336	13	192	8													528	21
Cut stone work	cft	..10..	62	39	"	"													62	39
Country wood wrought & put up	do	2-4-..	60	135	"	"													60	135
Tar painting (2 coats)	100 sft	1-..-..	1484	15	134	2													1618	17
C. C				2622	"	14														2636

W

STATION }

Dated 188 . }

NOTE.—(1.) All rates are to be given in Rupees, Annas and Pies.

(2.) Quantities are to be entered as so many units; thus the t for Brick-work being 100 cubic feet, 9,250 cubic feet of Brick-work would be entered as 92·5 units.

42

Executive Engineer.

13/333 No 4
29.11.88

P. W. D. Form
N . M 209

Reference to Madras P. D. Code.

Paras. 1074, 1075 and 86, 968.

To be employed where there are many parts or sub-divisions of a work.

Fifth Circle.

Division— North Arcot

District—

WORK— Converting Commissariat Stores into Barracks for two Companies

ESTIMATE FORM.—Abstract—General (for many parts of a Work).

To accompany the Detailed Estimate No. of 1888-89 for* Converting Commissariat stores into Barracks for two companies and converting solitary cells into cook rooms.

---

* Here enter the name and description of work in full.

43

EXECUTIVE ENGINEER
REG'D NO. 7/446 M.A.
19 DEC. 88
P. W. D.
NORTH ARCOT DIVISION

REFERENCE TO MADRAS P. W. D. CODE OF 1886.
PARAS. 921, 922.

P. W. D. FORM.
No. M 203.

7/446 M.A.
16.2.89

The E.E. has taken the estimate
19
Feb.

5 CIRCLE.

DIVISION—North Arcot—

TALUK—Vellore—

ESTIMATE FORM—Wrapper or Outer-sheet.

Estimate for* Converting Commissariat Stores into Barracks for 2 companies & converting Solitary cells into cook rooms—

Amount of Estimate, Rs. 3,165

Detailed Estimate, No. of 1888-89.

---

* Here enter name and description of work in full.

Dno 1352
1/3/89

Form No. 20 A. / 7 B.

1225-26

1P

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund,
12th January 1888.

No. 145 A.

EXECUTIVE ENGINEER
REG'D NO.
11 AUG. 88
P.W.D.
NORTH ARCOT DIVISION

From
BRIGADIER-GENERAL E. FAUNCE,
QUARTER MASTER GENERAL,

To
THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SIR,

+ Distt. Comd

Referring to Q.G. No. 5209 of 25th August 1887, I am desired to submit for the sanction of Government and for sfer to the P.W.D. for disposal, the Estimates and plans &ca below mentioned, which have been approved by the Commander in Chief.

Estimates amounting to Rs. 2400 and 485 respectively, for converting and repairing the Commissariat stores in the Vellore Fort so as to adapt them into Barracks for 2 companies

ug

n.

N. I– with report and 2 survey plans– Supplemental Estimate amounting to Rs. 340 for converting the existing sub jail into guard and store rooms for the above.

2. I am also to forward the correspondence as per margin and to note with reference to the letter from the Collector of North Arcot, to the Deputy Assistant Quarter Master General Eastern District, that all the buildings in the Fort are military buildings, borne on military returns, and are merely placed at the disposal of different departments temporarily, while not required for essentially military purposes.

Letter no. G/502 of 20th Decr '87 fro
G.O.C. Eastern Dt. to Qr. Mr. Genl.

Letter no. 60 of 18th Decr '87 from
Collector Nor[illegible]cot to Dy. Asst
Quarter Master G[illegible]

I have the honor to be,
Sir,
Your obedt. Servant,
L. Hunnl
Brigr. Genl,
Quarter Master Genl.

1225-26

2P

N3-5-51c, [illegible]

Cw.

47

P.G. 25.VIII. 87, No. 432/35 — 11/9th, 11th 88 — 15/323 Nd 11/88 — P.W.C. No. ~~514~~

4 409 Nd
22-3-88

P. W. Dept.

To be returned with reply.

11/466 NA
6 Feb 89

3P

Military (1888) Department.

EXECUTIVE ENGINEER REG'D NO. 7/62/08 13 FEB. 88 P.W.D. NORTH ARCOT DIVISION

No. ~~306~~ 2090/84

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

EXECUTIVE ENGINEER REG'D NO. 7/24 28 JUN. 88 P.W.D. NORTH ARCOT DIVISION

EXECUTIVE ENGINEER REG'D NO. 17/1/89 28 JAN. 89 P.W.D. NORTH ARCOT DIVISION

No. 145-A.

Dated 12th }
Received 16th } January

19 1 88

ENCLOSURES: 8

Forwards for sanction Est.s plans &ca for converting & repairing the Comst. stores in the Vellore Fort for adaptation into Bks. for 2 Comps. N. I.

Referred

Fort Saint George
16th January '88

No. 301. Approved & transferred to the Public Works Department.

By order,

A. Kenney Herbert
Brig. Genl
Secretary to Govt M. D.

No. 468C d/ 14th Feby 1888

Referred to the Supt. Engineer V circle for report as to why the estimates are termed "approximate" when details are given.

The estimates will require Govt. of India sanction under Code para 1140 & should be in detail.

(By order)

W C Baddeley
Capt R.E.
Under Secy. to Govt P.W.D.

Jon 3/2/88

1225-26

48

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

No. 1018.

Bangalore ~~Chepâk~~, 11 June 1888.

From

Colonel H. M. Vibart R.E.,
SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
P. W. Department

Enclosures.

1 Endorsement with 2 Plans & 3 Abstract Estimates

2. Regular Estimates with abstract

1 Report

Copy of abstract Estimate

SIR,

With reference to your Endorsement No. 468 C dated 14th February 1888 (herewith returned with its enclosures) I have the honor to submit regular Detail and Abstract Estimates of Rs 2830 and Rs 660 for Converting the Commissariat stores and Subjail in the Fort at Vellore into Barracks for 2 Companies of Madras Infantry and repairing the same, in lieu of the approximates returned with the above Endorsement. The regular Estimates have been approved by His Excellency the Commander-in-Chief.

I have the honor to be
Sir,
Your most obedt. servant

H. M. Vibart
Col. R.E.,
Superintending Engineer
5 Circle

48

P. W. Dept.
To be returned with reply.

Regr. No. 2289/W
22. 6. 88

No. 2320C d/22d June 1888

Returned to the Suptg. Engineer V circle in view to the proposals being put into proper form for submission to the Govt. of India.

Tracings should be made of the plans, and the estimates should be accompanied by a clear report of the work to be done.

(By order)

W W Bardsley
Capt R.E.
Dy. Chief Engineer P.W.D.

P.W.C. No. ~~5646~~ Ex/ 2090/89

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
P.W. Department.

Dated 11 } June 1888.
Recd. 13 }

ENCLOSURES. ~~7~~ ~~10~~ 14
(+2 plans)

12.86

No. 1018.

Commissariat Stores & Sub-jail in the Fort at Vellore

—

Submits Regular Detail and Abstract Estimates of Rs. 230 & 660 for converting the — into Barracks for 2 Companies.

Returned

5P

No. 5832

1225-26

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,
Chepâk, 28° July 1889.

From
Colonel W. H. Burton R.E.
SUPERINTENDING ENGINEER, V CIRCLE,

To
THE Chief Engineer
P. W. Department.

SIR,

Enclosures.

In returning your endorsements Nos. 468C dated 4° February 1888 and 2320C dated 22d June 1888, I have the honor to inform you that plans and Estimates and report as stated below for alterations to Buildings in the Vellore Fort to adapt them for use as Barracks for 2 Companies of Madras Native Infantry Regiment in the Vellore Fort have been

been submitted through the Military Department.

1	Converting Commissariat stores into Barracks for 2 Companies	Rs 2880
1 do.	Solitary cells into cook:room	" 285
	Total new works.	3165
	Repairs	
1	Repairs to Commissariat stores to be converted into Barracks	660
	Total original works & repairs	Rs 3825

I have the honor to be
Sir
Your Most Obedt Servant

W H Burton
Coll RE
Superintendg Engineer
5th Circle

1225/26

From Mdlw 2090
The Superintending Engineer
5th Circle
To The Chief Engineer (70)
P. W. Department

(11)

Dated 28th } February 1889
Recd. 4/3/89

SECRETARY TO GOVERNMENT
-2 [illegible] 8
P.W. DEPARTMENT, MADRAS.

Encl. 8 15
(Plans)

Vide C. P. 3553
16-4-89

No. 6832

Commissariat Stores in Vellore Fort

Informs that plans & Estimates &c. for adoption into Barracks for 2 Compan N. I.

Await Plans & Ests. Submitted from the Mily. Depmt.
Owen 18.3.89

Form No. 7 B.

1225-26 6 p

HEADING, Accoutre. for Troops Native.

It is requested that the heading, number, and date of this communication may be quoted in any subsequent correspondence on this subject.

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund,
5th April 1889.

No. 1378.A.

From
BRIGADIER-GENERAL M. PROTHEROE, C.B., C.S.I.,
QUARTER MASTER GENERAL,

To
THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SIR,

I am desired by the Commander in Chief to submit for the Sanction of Government and for transfer to the Public Works Department f disposal, in substitution of those forwarded with my letter No. 145 of 12th January 1888, the Estimates and plans &ca for the following works, which have been approve by His Excellency.

Converting the Commissariat stores and sub-jail into Barracks for 2 Companies Madras Infantry in Vellore Fort —— Rs. 2880.

51

Repair

Repairs to Commissariat stores to be converted into Barracks ——— Rs. 660.

Converting Solitary cells into Cook room for 2 Companies Madras Infantry - Rs: 285.

2. As in the event of a Regiment of Madras Infantry being sent to [illegible] the next Season (should he garrison of Burma be then reduced from 11 to 10 Battalions) × mmodation will be required here for 2 Companies, Sir o Arbuthnot trusts that e Estimate now submitted may be sanctioned at an early te, to admit of the work hich is entered as a Class B ork in the Preliminary sue of the Budget, being ut in hand as early as possible during the current official year.

× Page 8. O.G. No. 8555 of 19th Decr '88

7/P

1225/26.

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

A. H. Hutchins
Colonel,
Dy. Qr. Mr. Genl.

N.B. 6. S.C. will be required.

R.D.

52

G.O. No 197 W d/ 25.1.89.
" " " 3772-73 W d/ 29.11.88.
Memo No. 2320 C d/ 22-6.88.
" " 468 C d/ 4-2.88
G.O. No 2705 W d/ 2-11.87.

OWBV

P.W.C. No: 3553

Military (1889) Department.

No. 2618 (11)

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SECRETARY TO GOVERNMENT
13 APR. 89
P.W. DEPARTMENT, MADRAS.

No. 1378 A.

Dated 5th } April 1889.
Received }

R/ 16.4.89

8/P

No 2511. Approved and transferred to the Public Works Department for disposal.

A Kenney Herbert Br Genl
Secretary to Government.

Ootacamund }
12th April 1889 }

E 11
(+3 plans)

ENCLOSURES. ~~2 & 1 plan~~

Submits for sanction & transfer &ca in substitution of those forwarded with No. 145 A d/ 12th Jany '88 Estimates & plans &ca for converting the Commt. stores & subjail into Bks for 2 Co. M. I. Vellore Fort &ca.

with C No 2090 file 16-4-89

Cwd P
16/4/89

0/2/5

C. No: 3553.

1225-26

Note

Under para 1140 of the P. W. Code expenditure on the construction and repair of accommodation for Native Troops should be incurred only with the express permission of, and except in the case of ordinary repairs, on estimates sanctioned by the Govt of India. It was in accordance with this ruling that the S. E. V Circle was asked to put the estimates into proper form for submission to the Govt of India. This para has subsequently been altered under instructions from the Govt of India that the ruling applies only to those buildings that are provided by the troops themselves with the aid of hutting money vide G. O. No: 197 W. d/25th January 1889 and the accompanying estimates will not in in these circumstances require the sanction of the Govt of India.

With reference to para 1532 of the P.W. Code all projects large or small for providing permanent accommodation for a larger force than is at present quartered at a station requires the sanction of the Govt. of India. As it is observed from para 2 of the Quarter Master General's letter that the accompanying estimates provide for the accommodation of two additional Companies, they should apparently be submitted for the sanction of the Govt. of India under para 1532 of the P.W. Code.

Of the 3 estimates for providing accommodation for the 2 Companies, one amounting to Rs 660 for

1285-96

repairs to Commissariat stores to be converted into barracks is classified as Repairs — (Special). The S.E. V Circle in page 2 of the Report accompanying the estimates rightly remarks that the estimate of Rs 660 should be more properly charged to the Project by the Codal rules than to the ordinary repair 'grant', but has not altered the classification of the estimate in accordance with his view. As it appears from the description of the work that the repairs are necessary for the conversion of the Commissariat Stores into Barracks and as under para 909 of the P.W. Code all repairs to previously abandoned buildings required for bringing them to use should be classified as

54

Original

Original Works, the classification of the estimate as given by the Executive Engr requires alteration.

Orders are solicited as to whether the classification of the estimate of Rs 660 may be altered as proposed above and submitted for the sanction of the Govt of India.

B

May 1/5

The classification of the Est for Rs 660 should be altered to "original works" and the proposals sub.d to the Govt of India for sanction

M.

1. 5. 89

C. 3553.

1225-26

Noteley B.

Mr Lincoln

1225-26

A copy of No ~~1225~~ 1226 W is herewith sent for the signature of W and issued to the Govt of India in the Military Dept.

Please inform date of despatch so that share copies may be sent to India

A

Sent for signature. 2/5

H.C.

D.M.

21.V.89

Endorsement No. 1226 W d/9.V.89 to G. of I. M.D. signed by W and desp.d this day to Simla

10 enclosures

6 share copies sent to G of I

Mily Dept.

D.M.

22.V.89

27-3-89.

1225/26

Public Works Department.

Current No. 3553

Letter No. 2511

Dated 12th April 1889

From the Mility: Deptt:

The papers are in order, & may be submitted to the Govt of India for sanction. 20.4.89

NOTE OF REMARKS.

With the reference to Chief Engineer's Memoranda No 468 C of 4th Feby/88 and No 2320 C of 22nd June 1888, the Supg Engr V Circle submits for sanction thro' the Military Deptt. the plans & Est. for converting the Commissariat Stores & Sub jail at Vellore into Barracks for 2 Companies of Native Infantry.

The amount of the Estimate viz Rs 3825 is divided as follows

56

		Rs
1 -	Converting the Commissariat Stores &c into a Barrack	2880
2 -	Converting Solitary Cells into a Cookroom	285
3 -	Repairs to the Comst Stores	660
	Total Rs	3825

The rates are fair.

The plans & Est: have been countersigned by the Q. M. Genl: and approved by Govt: in the Military Depts:—

"A Report is submitted —

The Est: will require the Sanction of the Govt: of India under P.W. Code para 1144 —"

17/4/89

Hx.

1225-26

A

B. I. F.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Quarter Master General N. E. No: 145 A d/12th January/88

Endorsement by the Military Deptt. N. E. No: 301 d/16th January/88

From the Supt. Engineer V Circle N. E. No: 1018 d/11th June 1888

——— do ——— do ——— N. E. No: 5832 d/28th Febry/89.

From the Quarter Master General N. E. No: 1378 A d/5th April/89

Endorsement by the Military Deptt N. E. No: 2511 d/12th April/89.

Ordered that the estimates aggregating — Rs 3,825 for providing accommodation for two companies of Native Infantry in the Vellore Fort be forwarded for the sanction of the Govt of India with the request that the allotment of Rs 3,490 provided for the work in the Budget for 1889-90 may be never finally passed ~~passed finally~~, the further information regarding it

Int/
7 May

Called for in para 6 of the
Govt of India Resolution
No: 683 M. W. d/29th March/8
having been ~~being~~ furnished in para 2
of the Quarter Master General
Letter No: 1378 A d/5th April/8
above recorded.

H E No: W. df

Forwarded.

WCR
2.5.89

Aue
2.5 M

Hel

6

(11)

F Con
7/5/89

15 May

The Suptg. Engineer V Circle
" Examiner P. W. Accts
" Military Department

1225/96

10

58

Govt. of (1889) Madras.
PUBLIC WORKS.

10/5

Dated

Recd.   Encl.

V/2 0/2 6/2

G.O. 9 May 1889. No. 1225/1226

Accommodation for two companies of N. Infantry in the Vell
Fort

Ordered that the estimate for providing — be ~~sanctioned~~ for the sanitary of the fort India

—

Accommodation for two companies of Native Infantry in the Vell
Fort

Forwards estimate for providing —

9/5

8/5

5