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(2) Date of repair 9.10.86  
(3) Initials of the Referencer bua ✓

# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

|          |            |        |
|----------|------------|--------|
| G.O. No. | 4554 W     | Press. |
| B.P. No. |            | Mis.   |
| Dated    | 29.11.1878 | 197    |

Not to be folded or roughly handled

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GOVERNMENT OF MADRAS.  
PUBLIC WORKS DEPARTMENT.

29th November 1878, No. 4,554 W.

Buildings and Roads.  
Civil Works.

Read the following paper:—

No. 338. From Lieutenant-Colonel T. E. TENNANT, Inspector-General of Jails, Madras, to the Secretary to Government, Public Works Department, dated Ootacamund, 8th November 1878, No. 230.

ADVERTING to the orders noted in the margin, I have the honor to forward for sanction a plan, specification, and estimate, amounting to Rupees (345) three hundred and forty-five, for the reconstruction of out-buildings attached to the Jailor's quarters at Mangalore.

2. As funds are not available either in the Jail Budget or from the Convict Labor Fund, I request you will be good enough to provide for the same in the Budget Estimate of the Department of Public Works for 1879-80.

No. 339. ORDER THEREON, 29th November 1878, No. 4,554 W.

THE plan and estimate are sanctioned. The Superintending Engineer, Fourth Circle, will apply for funds from the Reserve of 1879-80 in April next.

2. This sanction has been registered as Provincial No. 149 B of 1878-79.

(True Extract.)

Colonel, R.E.,  
Secy. to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle.  
" Examiner of Public Works Accounts.  
" Judicial Department.

Exd. A. F. Goodall.  
Spare Copies

Delivered to the Secy. to Govt. of P.W.D.

BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of (1878) Madras.

PUBLIC WORKS.

To THE SUPERINTENDING ENGINEER,  
FOURTH CIRCLE.

Dated November 29th.

Issued

Recd.

Encl.

G. O., 29th November 1878, No. 4554 W.

NOVEMBER.

Nos. 338-339.

Tailor's Quarters at Mangalore.—Sanctions plan and estimate for reconstruction of the out-houses attached to the —.

Detailed Estimate No. 39 of 1877-78  
South Canara District.

Work

Reconstruction of out buildings attached to the  
Tailor's Quarters at Mangalore.

| Detail of Work.                      | Number. | Measurements in feet. |        |                       |                  | Contents. | Total quantity of each description of work. |
|--------------------------------------|---------|-----------------------|--------|-----------------------|------------------|-----------|---------------------------------------------|
|                                      |         | Length.               |        | Breadth or Thickness. | Height or Depth. |           |                                             |
|                                      |         | Each.                 | Total. |                       |                  |           |                                             |
| <i>Cock Room</i>                     |         |                       |        |                       |                  |           |                                             |
| Foundation to corner pillars         | 4       | 3                     | 12     | 3                     | 3                | 108.      |                                             |
| Placemat to do.                      | 4       | 2 1/4                 | 9      | 2 1/4                 | 2 1/2            | 40 1/2    |                                             |
| Superstructure to do                 | 4       | 1 1/2                 | 6      | 1 1/2                 | 5                | 72        |                                             |
| Step in front.                       | 1       | 4                     | 4      | 2                     | 1 1/2            | 12        |                                             |
| <i>Total estimate for Cock Room</i>  |         |                       |        |                       |                  |           | 232 1/2                                     |
| <i>End walls</i>                     |         |                       |        |                       |                  |           |                                             |
| Foundation to front & rear walls     | 2       | 10 1/2                | 21     | 3                     | 2                | 126.      |                                             |
| do end walls                         | 2       | 6 1/2                 | 13     | 3                     | 2                | 78.       |                                             |
| Rascum to front & rear walls         | 2       | 11 1/4                | 22 1/2 | 2 1/4                 | 2                | 111 1/2   |                                             |
| do to end walls                      | 2       | 7 1/2                 | 15     | 2 1/4                 | 2                | 60        |                                             |
| Superstructure to front & rear walls | 2       | 12                    | 24     | 1 1/2                 | 5                | 180       |                                             |
| do to side walls                     | 2       | 8                     | 16     | 1 1/2                 | 5                | 120       |                                             |
| Table for hearth                     | 1       | 5                     | 5      | 2                     | 2                | 32        |                                             |
| <i>Total</i>                         |         |                       |        |                       |                  |           | 882 1/2                                     |
| Deduct for door                      | 1       | 4                     | 4      | 1 1/2                 | 5                | 36        |                                             |
| do for windows                       | 2       | 3                     | 6      | 1 1/2                 | 4                | 36        |                                             |
| <i>Total deductions</i>              |         |                       |        |                       |                  |           | 72                                          |
| <i>Net estimate for End walls</i>    |         |                       |        |                       |                  |           | 810 1/2                                     |

| Detail of Work. | Number. | Measurements in feet. |        |                          | Contents. | Total quantity of<br>each description of<br>work. |                     |
|-----------------|---------|-----------------------|--------|--------------------------|-----------|---------------------------------------------------|---------------------|
|                 |         | Length.               |        | Breadth or<br>Thickness. |           |                                                   | Height or<br>Depth. |
|                 |         | Each.                 | Total. |                          |           |                                                   |                     |

Brought forward

|                           |   |   |       |     |       |        |   |
|---------------------------|---|---|-------|-----|-------|--------|---|
| Superstructure to front   | 1 |   | 6 3/4 | 3/4 | 3     | 9 3/4  | ✓ |
| Foundation to seats       | 1 |   | 3     | 3   | 1 1/2 | 13 1/2 | ✓ |
| Superstructure to do      | 2 | 3 | 6     | 3/4 | 2     | 9      | ✓ |
| Place between seats       | 1 |   | 3     | 3/4 | 1     | 2 1/4  | ✓ |
| Step to front             | 1 |   | 2     | 2   | 1     | 4      | ✓ |
| Latent to lat. to support | 1 |   | 2     | 2   | 1     | 4      | ✓ |
| and wall over spring      | 1 |   | 2     | 1   | 3/4   | 2 1/4  | ✓ |

Total latent in front 20 1/4 ✓

Mid walls

|                                    |   |       |        |       |     |        |   |
|------------------------------------|---|-------|--------|-------|-----|--------|---|
| Foundation to front and rear walls | 2 | 8     | 16     | 2     | 2   | 64     | ✓ |
| Ravement to do                     | 2 | 8 3/4 | 17 1/2 | 1 1/2 | 3/4 | 19 3/4 | ✓ |
| Superstructure to do               | 2 | 9 1/2 | 19     | 1     | 7   | 132    | ✓ |
| Foundation to end walls            | 2 | 4 1/2 | 9      | 2     | 2   | 36     | ✓ |
| Ravement to do                     | 2 | 5 1/4 | 10 1/2 | 1 1/2 | 3/4 | 11 3/4 | ✓ |
| Superstructure to do               | 2 | 6     | 12     | 1     | 7   | 84     | ✓ |
| Foundation to seven walls          | 1 |       | 4      | 2     | 2   | 16     | ✓ |
| Ravement to do                     | 1 |       | 4      | 1 1/2 | 3/4 | 4 1/2  | ✓ |
| Superstructure to do               | 1 |       | 4      | 1     | 7   | 28     | ✓ |
| Total                              |   |       |        |       |     | 399    | ✓ |

| Detail of Work. | Number. | Measurements in feet. |        |                     | Contents. | Total quantity of<br>each description of<br>work. |
|-----------------|---------|-----------------------|--------|---------------------|-----------|---------------------------------------------------|
|                 |         | Length.               |        | Height or<br>Depth. |           |                                                   |
|                 |         | Each.                 | Total. |                     |           |                                                   |

Detructions

|                                 |   |   |       |     |     |       |   |
|---------------------------------|---|---|-------|-----|-----|-------|---|
| Doorway                         | 1 |   | 2 1/2 | 1   | 6   | 5     | ✓ |
| Window                          | 1 |   | 2     | 1   | 3   | 6     | ✓ |
| Pigeon hole for lightening      | 4 | 1 | 4     | 1   | 1/2 | 2     | ✓ |
| Arch occupied in rear of spring | 1 |   | 2     | 3/4 | 1   | 1 1/2 | ✓ |

Total detructions 24 1/2 ✓

Arch and walls 372 1/2 ✓

Plastering with mud

|                          |   |  |       |     |        |        |   |
|--------------------------|---|--|-------|-----|--------|--------|---|
| Round wall round         | 1 |  | 49    | 3/4 | 30 3/4 |        | ✓ |
| Wall outside all round   | 1 |  | 40    |     |        |        | ✓ |
| do inside do             | 1 |  | 3 1/4 |     |        |        | ✓ |
| Screen walls to the door | 1 |  | 9     |     |        |        | ✓ |
| Total                    |   |  | 89    |     | 7      | 62 3/4 | ✓ |

Total 659 1/4 ✓

Detructions

|                                           |   |       |        |     |   |        |   |
|-------------------------------------------|---|-------|--------|-----|---|--------|---|
| Doorway both sides                        | 1 | 2 1/2 | 5      | 6   |   | 30     | ✓ |
| Window both sides                         | 1 | 2     | 4      |     | 3 | 12     | ✓ |
| Pigeon hole do                            | 1 | 1     | 8      | 3/4 | 5 | 4      | ✓ |
| Arch occupied in rear of seats do         | 1 |       | 4      | 3/4 |   | 3      | ✓ |
| Portals occupied by pillars in both sides | 1 |       | 6      | 2   |   | 12     | ✓ |
| Doorway to rear of scaffolding            | 1 |       | 14 1/2 | 1   |   | 14 1/2 | ✓ |
| Window side of scaffolding                | 1 |       | 10     | 1   |   | 10     | ✓ |

Total detructions 85 1/2 ✓

Arch plastering with mud 574 1/4 ✓

| Detail of Work.                               | Number.     | Measurements in feet. |        |                       |                  | Contents. | Total quantity of each description of work. |
|-----------------------------------------------|-------------|-----------------------|--------|-----------------------|------------------|-----------|---------------------------------------------|
|                                               |             | Length.               |        | Breadth or Thickness. | Height or Depth. |           |                                             |
|                                               |             | Each.                 | Total. |                       |                  |           |                                             |
| Flooring                                      | 1           |                       | 7 1/4  | 6 3/4                 |                  | 48 1/10   | ✓                                           |
| Doors {                                       | 1           |                       | 2      | 2                     |                  | 4         | ✓                                           |
|                                               | Screen wall | 1                     |        | 1                     |                  | 4         | ✓                                           |
| Total doors and wall                          |             |                       |        |                       |                  |           | 8                                           |
| Set flooring with bamboo mat on wooden frame  |             |                       |        |                       |                  |           |                                             |
| well beaten with wooden hammer & washing with |             |                       |        |                       |                  |           |                                             |
| with covering of                              |             |                       |        |                       |                  |           |                                             |
| Paving with asphalt 1/2 thick                 |             |                       |        |                       |                  |           |                                             |
| Paving                                        | 2           | 2                     | 4      | 1/4                   |                  | 3         | ✓                                           |
| Sides & face of openings {                    | 1           |                       | 2 3/4  | 2                     |                  | 4 1/4     | ✓                                           |
|                                               | 1           |                       | 5 1/2  | 1                     |                  | 5 1/2     | ✓                                           |
| Total                                         |             |                       |        |                       |                  |           | 13 1/4                                      |
| Woodwork                                      |             |                       |        |                       |                  |           |                                             |
| Ship rafters                                  | 4           |                       | 44     | 3 1/2                 |                  | 154       | ✓                                           |
| Ridge piece                                   | 1           |                       | 4      |                       |                  | 4         | ✓                                           |
| Wall plate                                    | 1           |                       | 40     |                       |                  | 40        | ✓                                           |
| Lintel plank over door                        | 1           |                       | 4 1/2  | 1/4                   |                  | 1 1/8     | ✓                                           |
| do over window                                | 1           |                       | 4      |                       |                  | 4         | ✓                                           |
|                                               |             |                       | 8 1/2  | 1                     |                  | 2 1/8     | ✓                                           |
| Total wood work                               |             |                       |        |                       |                  |           | 17 1/8                                      |

| Detail of Work.                                      | Number. | Measurements in feet. |             |                       | Contents. | Total quantity of each description of work. |                  |
|------------------------------------------------------|---------|-----------------------|-------------|-----------------------|-----------|---------------------------------------------|------------------|
|                                                      |         | Length.               |             | Breadth or Thickness. |           |                                             | Height or Depth. |
|                                                      |         | Each.                 | Total.      |                       |           |                                             |                  |
| <u>Roofing</u>                                       |         |                       |             |                       |           |                                             |                  |
| Front and rear                                       | 2       | 10                    | 20          |                       |           |                                             |                  |
| Sides                                                | 2       | 6 1/2                 | 13          |                       |           |                                             |                  |
|                                                      |         |                       | 33          | 18 ft.                | 264       |                                             |                  |
| Total roofing with bamboo mat on wooden frame 264.   |         |                       |             |                       |           |                                             |                  |
| Doors bamboo mat on wooden frame stutters with light | 1       |                       | (6 1/2 x 6) |                       | 1         | 1                                           |                  |
| wooden frame with tarred                             |         |                       |             |                       |           |                                             |                  |
| Windows bamboo mat complete                          | 1       |                       | (2 x 6)     |                       | 1         | 1                                           |                  |
| Earthwork Cycles                                     | 1       |                       |             |                       | 8         | 8                                           |                  |

Kangalore  
20 August 1878

H. Walling Major R.E.  
Batt Engineer

1877  
 D. P. W. South Canara District  
 Detailed Estimate No. 24 of 1877-78  
 Work  
 for the construction of a  
 building attached to  
 the Jail at Mangalore  
 at Mangalore

Specification Report accompanying the  
 Estimate for reconstruction of the Jail  
 attached to the Jail at Mangalore.

The entrance consists of a cook  
 room and Dining.

The cook room is rectangular,  
 internal dimensions 8' x 12' and height 8'.

The walls to be of mud with latents  
 in fluted Pillars at the four corners. The  
 foundation for foundation, basement &  
 superstructure to be as given in Estimate.  
 The walls to be built in layers of 1 foot,  
 each layer being allowed to dry before  
 the next is laid.

The pillars to be of latents in fluted,  
 the latents stones to be of good quality, free  
 from white clay and thinner, to the local di-  
 mensions 18" x 9" x 6".

The pillars in superstructure to be 12" x 12" x 8',  
 basement and foundation to be of the same.  
 See plan in Plan and Estimate.

The roof to be tiled and beamed of  
 Angkor wood covered with thatch, repairs and  
 machine the complete.



Recd  
PM 12709/78

1555 H H - 29-11-78

Justification Refd  
to accompany the  
estimate for materials  
of out buildings  
attached to the Jail  
Director of Bangalore

Office of the Insp. Genl. of Sails  
Ootacamund 8<sup>th</sup> November 1878

From Lt. Colonel T. E. Tennant  
Inspector General of Sails  
Ootacamund

To The Secretary to Government  
Public Works Department  
Fort Saint George

Enclosures 3

Sir,

Adverting to the orders noted  
in the margin I have the honor to  
forward for sanction a plan, speci-  
fication and estimate amounting  
to Rupees (345) three hundred and  
forty five for the reconstruction of  
out buildings attached to the Sailer's  
quarters at Mangalore.

2. As funds are not available,  
either in the Jail Budget or from

17. 11. 78  
12952/16  
April 1877  
12980 16.  
13 October 1878

17. 11. 78  
12952/16  
12. 1965

the

the Convict Labour Fund I request  
you will be good enough to provide  
for the same in the Budget estimate  
of the Department of Public Works  
for 1879-80.

I have the honor to be,  
Sir  
Your most Obedient  
Servant  
Imps. Genl. of Dails.

12/09

Hon. Mr. Hindustan

Forwarding for sanction  
plan and estimate  
amounting to Rs 345 for  
reconstruction of the out-house  
situated to the  
paleo quarters  
Mangalore

Recd 8 November 78  
Recd 230

From  
The Secy to Govt.  
Sub. W. Dept.  
Fort Saint George

Estimate

105 R  
C. Works

No. 4554 Wd/29<sup>th</sup> Nov-78

The plan and estimate are  
sanctioned. The Superintend-  
ing Engineer Fourth Circle  
will apply for funds from  
the Reserve of 1879-80 in  
April next.

W.H.

This sanction has been registered  
as per memo to 1493 of 1878-79  
Budget Department  
29-11-78

29/11

Supdng Fourth Circle  
Engr. P. V. Sub. Works & Estimates  
J. L. Dept. Secy

Dec 10-12-78

Ms 43334. 11 Nov. 78.  
No 39801. 12 Oct. "  
" 3819 W. 30 Sep. "  
" 1292 16 Feb 77.

*Cap. 1709*

Govt. of (1878) Madras.  
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

*2-12*

G. O., 29<sup>th</sup> Nov 1878, No. 45346

Nos 338 & 339

*General Quarters at  
Mangalore. Sanction  
plan & estimate for re-  
construction of the out-house  
attached to the —*