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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. N. D. DEPARTMENT

G.O. No.	3475-VX	Press.
B.P. No.		Mis.
Dated	2.9.1878	<i>(Signature)</i>

to be folded or roughly handled

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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

2nd September 1878, No. 3,475 W.

Buildings and Roads.

Military Works.

Read the following papers:—

No. 3. Proceedings of the Madras Government in the Military Department, dated 18th June 1878, No. 2,954.

From Brigadier-General H. O'CONNELL, Quartermaster-General, to the Secretary to Government, Military Department, dated Head Quarters, Ootacamund, 30th May 1878, No. 239.

WHEN His Excellency the Commander-in-Chief inspected the quarters occupied by the Garrison Battery in Fort St. George, in March last, he observed that one corner of the quarters was unprovided with ventilators, and was in consequence very hot and close. He directed that the District Engineer should be asked to furnish an estimate for ventilating this corner. An estimate for Rupees 510 for two ventilating shafts was forwarded. Considering the amount high, the estimate was returned for explanation. The District Engineer replies that it will be impossible to reduce the amount from the nature of the work to be done, involving the dismantling of an existing ramp and the reconstruction of it elsewhere.

2. His Excellency considers it very desirable that proper ventilation should be provided in this corner, particularly as there is now a whole Garrison Battery in the quarters.

3. I have therefore the honor to forward the estimate (Rupees 510), plan and two letters from the District Engineer, Nos. 483 and 1,067, dated 26th April and 22nd May 1878, for submission to Government, with the request that, if approved, the papers may be transferred to the Public Works Department for disposal.

APPROVED generally, and transferred to the Public Works Department for consideration and final disposal.

(True Extract.)

(Signed) J. MICHAEL, Colonel,
Secretary to Government.

No. 3-A. Endorsement of the District Engineer, Presidency, dated Fort St. George, 20th July 1878, No. 2,380.

From S. C. PLUMMER, Esq., Sub-Engineer, Fort Range, to the District Engineer, Presidency, dated 16th July 1878, No. 153.

With reference to your endorsement, No. 1,937, dated 3rd instant, on copy of the Under Secretary to Government, Public Works Department, memorandum No. 2,801, dated 27th June 1878, making inquiries as to whether a slight change of position of the ventilator might not be made to avoid the expense of altering the platform,

I have the honor in reply to state that I am of opinion the work can be carried out without altering the platform or the position of the proposed ventilator. I propose to make the wooden portion of the ventilator movable: when a gun is being taken over the platform the wooden portion of the ventilator will be removed, and in its stead a strong teak frame will be placed; the wooden portion of the ventilator when in its position will be secured with four iron rods running through the masonry as shown in the Section CD, 1 inch in diameter, having nuts and screws to keep it firm against storms. The iron rods will also be serviceable to screw down the teakwood frame when the platform is in use.

I beg to enclose a plan and estimate for the work; the former explains the manner I propose doing it, if you approve of the same; this will now avoid the necessity of removing the platform, and consequently will reduce the estimate from Rupees 510 to Rupees 240.

Copy submitted to the Chief Engineer, Public Works Department, with reference to memorandum, No. 2,801, dated 27th June 1878.

One plan.
„ estimate.

2. The undersigned approves the arrangement of the Range Officer.

(Signed) ROSS THOMPSON, Major, R.E.,
District Engineer, Presidency.

No. 3-B. From the District Engineer, Presidency, dated 21st August 1878,
No. 3,067.

No. 4. ORDER THEREON, 2nd September 1878, No. 3,475 W.

THE plan and estimate of Rupees 240, for providing ventilators for the casemates near the corner of the bombproof of the Royal Artillery Barracks in Fort St. George, are sanctioned.

2. The District Engineer will provide the necessary funds from the allotment at his disposal for Minor New Works under Military.

3. This sanction has been registered as Imperial No. 72 B of 1878-79.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

(True Copy.)

To the District Engineer, Presidency.
„ Examiner of Public Works Accounts.
„ Military Department.

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

Exd. A. F. Goodall.
Spare Copies

3475
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OFFICE OF THE DISTRICT ENGINEER,
MILITARY WORKS.

GOVT. OF INDIA
PUBLIC WORKS.

No. 3067.

From,

The District Engineer,
Presidency.

To,

The Chief Engineer,
Roads and Buildings.

Encls.
1. Plan.
1. Estimate.

Sir,
With reference to your Memo. No. 389 of
27th July 1878, I have the honor to resubmit
for sanction and allotment of funds, the plan
and estimate amounting to Rs 240 for
providing ventilators for the Ramparts near
the corner of the Bomb-proof of Royal
Artillery Barracks in the Fort with the
approval of the Military authorities.
I have the honor to be

Sir,

Your most obedient servant

W. H. Knapp

Major R.

District Engineer

Presidency.

For George &
21 Aug. 78

W. H. Knapp

C.E. 389 S. 27-7-78
C.E. 2801. 27-7-78

20 W. 1878 Sept.

3425
4

Roads & Buildings.

No 9356

From

The District Engineer
Presidency.

No. 3067.

Dated 21st Aug. 1878.
Recd 22nd

No. of enclosures, ⁺ 2.
— ⁺ Plan

Royal Artillery Barracks in
Fort St George. —

Resubmits for sanction
Ests of Rs 240 for painting
ornamentals for lid —

Co. Esty 27-8-78.

For 27-8-78 1878 2. 9. 78

From,

The Ordnance Engineer,
Presidency.

No. 2380

dated 20th July 1878.
Recd

No. of Enclosures, 2.
* Refs to D.C.

Royal Artillery Barracks—

Submit letter with plan
+ Estimate for providing venti-
lators for the —

7/3

Head of Service

Fund

Class

Main Head

Sub-head

Name of Work

P.S

16APL79

16 APR 78 Main Head *Military*
Sub-head *Accommodation for Royal Artillery*
Name of Work *Providing ventilation for the Mess-hall*
near the corner of the bombproof of Royal Artillery
Barracks, Fort St George, The Diak Engineering 252nd
23rd March 1878.

Amounting to Rupees

To be carried out

MEASUREMENTS.					Description of Work.	RATE.			Per	AMOUNT.			TOTAL.		
No.	L.	B.	D.	Area or Contents.		Rupees.	Annas.	Pies.		Rupees.	Annas.	Pies.	Rupees.	Annas.	Pies.
					For hire for demolishing the present granite platform & removing the rubbish for making a hole for ventilation				10						
2	6-	5-	5-6	330	Cut Excavating to ventilation										
2	8-	2-	2-	144	" " " to platform										
1	10-	2-	2-	40	" " " " "										
1	20-	2-	2-	80	" " " " "										
Total Cut					594	or 22 ft excavating the earth & refilling the same over the arches roof				2	97	2	12		
2	2-6	1-6	3-3	24 3/4	Cut Cutting & removing hard masonry of the arch filling box ventilation with masonry of plaster										
2	13-	1-3	5-6	178 5/8	Construct side walls for ventilation including plumb &c Complete				36	47	30	17			
										Carried Over £6 1/37					

MEASUREMENTS.					Description of Work.	RATE.			Per	AMOUNT.			TOTAL.		
No.	L.	B.	D.	Area or Contents.		Rupees.	Annas.	Pies.		Rupees.	Annas.	Pies.	Rupees.	Annas.	Pies.
2	18	1	92	126	Brought forward					61	13	7			
1	10	1	92	35	Foundation to platform										
1	20	1	92	70	D ²										
25	2	2	1	78 1/2	D ² to old ventilation										
2	18	1	3	67 1/2	D ² above platform walls										
1	20	1	3	62 1/2	D ²										
Total					Brick work in chur.	27	4	185	6 1/2						
					Plastering the walls										
					floor with 2 coats of plaster	26				45	15				
					Painting in Portland Cement to the granite floor	1	3			18	6	6			
					Cooly hire for removing & raising the small granite platform & putting granite stone relaying the same with required new granite in Chiman					7					
1	20	10		200	Cooly hire for erecting a new platform with old granite stones in Chiman & new levelled concrete underneath					20					
4	2	6	2	20	8 1/2 Sides										
4	1	6	2	12	Cross										
Total					Attic window shutter with frames iron axes, rings, clamps, nails & ropes &c Complete	1	37	5 1/2		39	28				
					Carried Over					375	28				

MEASUREMENTS.					Description of Work.	RATE.			Per	AMOUNT.			TOTAL.		
No.	L.	B.	D.	Area or Contents.		Rupees.	Annas.	Pies.		Rupees.	Annas.	Pies.	Rupees.	Annas.	Pies.
					Brought forward					175	28				
2	1	6	1	3	Pipe frames										
4	2	3	1	3	Gable D ²										
4	5	1	4	1	Sleepers										
7	4	1	4	1	D ²										
8	6	6	1	4	Posts										
8	3	3	1	3	Sp. bottom D ²										
8	2	3	1	3	Cross										
Total					Teak wood wrought	17	6	10							
					Put up	3	1			53	12	11			
2	9	1	4	6	81 Plank boards										
14	3	6	1	10	D ² to roof										
Total					Laying teak wood plank 3 1/2" thick overlapping with screws &c	25				30	8				
					1/2 Sides										
					Paint 3 coats to interior ventilation	26				3	9	9			
					2 Sides										
					Exterior Ventilation	1									
					Cooly hire for repairing 25 masonry ventilation with required Chiman plaster &c Complete	10				15	10				
					Cooly hire for removing 25 masonry ventilation head & carting the same & also sinking level of the frame	6				9	6				
					Carried Over					48	11	4			

From
The Engineer
Fort Range

No 16 of 1878-79
of 25-4-78

Dated 15th
Recd. } April 1878

Royal Artillery, Barracks
Forward an Estimate for
No 510 — for providing
Ventilators for the Barracks
near the corner of the barracks
of —

No 72. 20 May 1878.
To, The District Engineer 34⁷⁵/₆
Residency.

Your letter No, 900 of 15 inst.

Has the honor to state, that it is
impossible to reduce the figure of the
estimate submitted for putting in ven-
tilators into the bomb-proof roofing
of the Artillery Barracks in the Fort;
since in addition to the cost of the
ventilators it will be necessary to dis-
mantle the existing ramp and to
reform it on the other side of the
terrace, to allow of the ventilator
being properly set in sites.

Sd/- S. B. Clarke, Major R.A.
Ex. Engr. Fort Range.

No 1067.

Copy forwarded to the Dy. Asst. Qr.
Mr General C. S. with reference to his
letter No. 460 of 13 May 1878 herewith
returned together with the detailed
plan.

Encl.
1. Plan
1. Estimate
2. Letters

Black Lettera Cuts &
 Padua 23rd May 1878
 At Dy 20th 1874
 I answered to the
 Quater Master General
 having reference to his
 letter No $\frac{123}{3402}$ dated 10th
 May 1878. the enclosure
 of which is herewith re-
 turned -
 Remains at Dy
 Major General
 James Cairns Cuthbert

No. 483.

From

9
The District Engineer,
Residency

To,

The Dy. Secy. Gov. Mr. General,
Centre District.

Sir,
With reference to your letter No. 1298
d/d 21 March 1878, I have the honor to inform
you that the approximate cost of providing
ventilators for the Ramparts near the corner
of Bomb-proof of Royal Artillery Barracks,
Fort St George, is Rs 510.

2. I request that the sanction of Government may be obtained for the preparation of detailed plan and estimate under the rules of the Department.

I have the honor to be

Sp

Yours most obedient servant
Wm. L. Mumford

District Engineer
Presidency

Trinity George
26 April 1898

Porter 27/34
H. Marshall

16 35 40

27/34

27/34

27/34

27/34

Note by His Grace the Governor.

3475

The ventilation is no doubt necessary, but apparently a slight change of position will avoid expense of altering ramp or platform. District Engineer should report how this is.

1 Signed, B.H.

4/6

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3475
11

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

13th June 1878, No. 2954.

Barracks and Buildings.

Read the following paper:—

No. 264. From Brigadier-General H. O'CONNELL, Quartermaster-General, to Colonel J. MICHAEL, C.S.I., Secretary to Government, Military Department; dated Head Quarters, Ootacamund, 30th May 1878, No. 239.

When His Excellency the Commander-in-Chief inspected the quarters occupied by the Garrison Battery in Fort St. George, in March last, he observed that one corner of the quarters was unprovided with ventilators, and was in consequence very hot and close. He directed that the District Engineer should be asked to furnish an estimate for ventilating this corner. An estimate for Rupees 510 for two ventilating shafts was forwarded. Considering the amount high, the estimate was returned for explanation. The District Engineer replies that it will be impossible to reduce the amount, from the nature of the work to be done, involving the dismantling of an existing ramp and the reconstruction of it elsewhere.

2. His Excellency considers it very desirable that proper ventilation should be provided in this corner, particularly as there is now a whole Garrison Battery in the quarters.

3. I have therefore the honor to forward the estimate (Rupees 510), plan and two letters from the District Engineer, Nos. 483 and 1067, dated 26th April and 22nd May 1878, for submission to Government, with the request that, if approved, the papers may be transferred to the Public Works Department for disposal.

No. 265.

ORDER THEREON, 13th June 1878, No. 2954.

Approved generally, and transferred to the Public Works Department for consideration and final disposal.

(True Extract.)

Michael

Colonel,

Secretary to Government.

To the Quartermaster-General.

Public Works Department, with four enclosures,
and a note by His Grace the Governor. and 10-8/cd/m

Exd. A. Raith.

No. 153.

16. July 1878.

To,

The District Engineer,
Presidency

Sir,

With reference to your Endorsement No. 1937
d/ 3^d instant on copy of the Under Secretary to
Government P.W. & Works No. 2801 d/ 27 June 1878,
making enquiries as to whether a slight change
of position of the ventilator might not be made to
avoid the expense of altering the platform.

I have the honor in reply to state that I am
of opinion the work can be carried out
without altering the platform or the position of
the proposed ventilator. I propose to make
the wooden portion of the ventilator moveable
when a gun is being taken over the platform
the wooden portion of the ventilator will be re-
moved and in its stead a strong teak frame
will be placed, the wooden portion of the ventilator
when in its position will be secured with 4
iron rods running through the masonry as
shown in the Section E.D. 1" in diameter.
having nuts and screws to keep it firm
against storms - the iron rods will also be
serviceable

Cost of 18781 Shabars.

-MILITARY.

The QUARTERMASTER-GENERAL.

Ac,

Ac,

Ac,

Dated June, 1878.

P. L.

G.O., 13th June 1878, No. 2854.

Encl.

JUNE.

Nos. 264-265.

Approving and transferring to the Public
Works Department for disposal, plan and estimate
for providing two ventilating shafts for a corner
of the quarters occupied by the Garrison Battery
in Fort St. George.

To acty 25-6-78

serviceable to screw down the teak wood frame when the platform is in use.

I beg to enclose a plan and estimate for the work - the former explains the manner I propose doing it if you approve of the same, this will now avoid the necessity of removing the platform and consequently will reduce the estimate from Rs 510 to Rs 240.

I have etc.
Sd/ S. B. Plummer.
Sub Engineer, Fort Range.

No. 2380.
Copy submitted to the Chief Engineer
D.M. with reference to Memo. No. 280/a/27th
June 1878.

The undersigned approves the arrangement of the Range Officer.

[Signature] Major R.E.
District Engineer
Residency

Fort St. George.
20th July 1878. *[Signature]*

Encls.
1. Plan.
1. Estimate.

No 3475^W P. Dr. D.
Proceedings of the Madras Govt. 3475^W

Under date the 2nd Sep 78

Read the following:-

Pro. Military Department (H.C. No. 2954 of 13th June 1878)
Letter from the D. Engr } ("Print 2380" 20th July.)
Presy: }
do } ("Print 3067" 21st Aug 78)

The plan and estimate of Rs 240, for providing ventilators for the ~~casemates~~ Ramparts near the corner of the Bombproof of the Royal Artillery Barracks in Fort St. George, as sanctioned. 2. The District Engineer will provide the necessary funds from the allotment at his disposal for minor

[Signature]

1878

Minor New Works under
Military. ^W_{10.8.78}

sat

This sanction has
been registered as
Imperial No 10
of 1878/79-

14

S.E. Presidency
Exec. P. H. Accto. H. H. H. H. H.
Mily. Depart.

PP. 29.8.78. P.H. 2.9.78.
Lo. 27-8-78.

Chart 16-9-78

9336
7/45
8163

Govt. of (1878) Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 2nd Sep. 1878. No. 3475a

Nos. 3 & 4

Royal Artillery Barracks -
Fort Saint George

The Plan and Estimate of
Rs 240 for Ventilators for the —
Sanctioned.

Subd. Secy.