

(1) Number of pages _____

(2) Date of repair 28-11-11

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

22

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. <u>367</u>	Press Mis.
<u>449-58</u>	
Dated <u>20-12-</u>	<u>1870.</u>

Not to be folded or roughly handled

22

*Proceedings of the Madras Government, Public Works Department,
20th December 1870.*

No. 449. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 29th November 1870, No. 2,936 :—

I HAVE the honour to forward herewith four estimates, amounting to Rupees 1,800, for repairing damages done to Military buildings at Vizagapatam by the recent cyclone, together with copy of a letter from Lieutenant Dorward, and in so doing to inform you that I have no funds available at my disposal under the head Repairs "Military" to enable me to appropriate funds for the repairs of these buildings; I am therefore obliged to request you to be good enough to obtain the sanction of Government to the following transfer of funds :—

<i>From</i>	<i>Amount.</i>	<i>To</i>	<i>Amount.</i>
	<i>RS.</i>		<i>RS.</i>
<i>Godavery District.—Repairs, Communications, River Improvements.—</i>			
<i>Allotment Rupees 2,317</i>	<i>1,800</i>	<i>Vizagapatam.—Repairs Military</i>	<i>1,800</i>

From the Assistant Engineer, Vizagapatam Range, to the Superintending Engineer, 1st Division, dated Camp at Kothavulsa, 21st November 1870, No. 667.

I HAVE the honour to submit for sanction the undermentioned estimates for repairs to the Military buildings, the preparation of which was rendered necessary by the cyclone, and all of which have been duly countersigned :—

- (1.)—Repairs to the European Infantry Veteran Company's Barracks and buildings attached to them in the Fort, Vizagapatam. Estimate Rupees 1,220.
- (2.)—Do. do. do. do. Estimate Rupees 220.
- (3.)—Do. to Military buildings occupied by the 2nd Regiment, N. I., at Vizagapatam. Estimate Rupees 200.
- (4.)—Do. to Ordnance Depot at Vizagapatam. Estimate Rupees 80.

2. The buildings provided for in the first two estimates include the whole of the Military buildings in the fort, with the exception of the Ordnance Depot. The roof of the "Boys' School" being tiled was a good deal damaged, and one wall cracked. In the "Battery Guard-room" the tiled roof was injured, and a window broken. The "Reading-room" is similarly situated; so also the "Main Guard-room No. 1." In "Main Guard-room No. 2," the "Smoking-room," "Canteen," "Cook-house," "Wash-house," and "Invalid Sepoys' Barrack," the roofs are all more or less damaged, and, in addition to this description of hurt, one of the doors of the "Girls' School" and a window of the "Mess House" were blown in.

3. The second estimate provides for plastering, repairs, and general white-washing; it is of course not so urgent as the first.

4. The third estimate is for shifting the tiles on the roof of the Place-of-arms of the Native Regiment. This roof is apparently a very old one, and has been troublesome for some years past. The storm did not displace many of the tiles, for the building is in a sheltered position; but the heavy rains which preceded and accompanied the storm proved the necessity for this estimate. Doubtless the wind gave the roof a shaking such as will render it of very little use during a slight shower if left unrepaired.

5. The fourth estimate is for repairing some of the tiled roofs in the Ordnance Depot.

Proceedings of the Madras Government, Public Works Department,
20th December 1870.

6. The date and cost of last repair have been noted in all the estimates. But of the value of the large groups of buildings there is no record in my office. These are so great that the amount of the estimates now submitted are as nothing in comparison; and this being so, I did not consider it advisable to delay their submission until all the buildings had been measured up and valued.

No. 450. ORDER THEREON, 20th December 1870, No. 3,107.

MILITARY WORKS, No. 23.

THE Government sanction the estimate of Rupees 1,800 for repairs to the Military buildings at Vizagapatam which

have been damaged by the recent cyclone, and application will be made to the Government of India for sanction to the transfer of funds proposed in this letter to meet the cost of those repairs.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Acting Superintending Engineer, 1st Division.
Controller of Public Works Accounts.

Exd. S. T. Augustin.

Estimate No. 41 of 1870-71
Estimate of the probable Cost of repairing the
Ordnance Depot at Vizagapatam
Date of last Repair July 1870
Cost of Rep. 190-0-0

Description of Work	Rate	Per Head	Amount	Total
Verandah				
Gateway				
Office roof in different places				
Over workshop				
Over shed in shot yard				
Over Centre cross office				
Over General Store				
Godown in different places				
Rep. of Turning Tiles with 1/5 New flat & pantiles				
Contingencies & Superintendence				
Total Rupees				

Apt. Engineer
Camp Chittivale
November 1870
J. E. Donward Lieut. R.E.
Apt. Engineer Vizagapatam
441 104

Estimate of the probable Cost of Repairing the European Infantry Veteran Barracks & Buildings attached to them in the Fort Bag at Am.

Date of last repair April - 6 June 1870-71
Cost of Rs. 445-0-0

Number	Measurements			Suppl. Contn.	Alcal. Contn.	Description of Work	Rate	Per Item	Amount	Total
	Length	Breadth	Depth							
<u>Boys School</u>										
1						Bonding stones including fixing	11	Cub 2	12	✓
2	63	15		18	90	Main roof				
2	63	11		13	86	Verandah to St.				
					32	Sqrs. of Turning tiles with 1/5 new flat span tiles	5		Sqrs. 163 1/2	9 ✓
<u>Battery Guard Room</u>										
						Repair of a Window			5	✓
2	28	13		7	28	Sqrs. of Turning Tiles with 1/5 new flat span tiles	5		Sqrs. 36 6 5	✓
<u>Reading Room</u>										
2	71			27	38	Sqrs. of Turning tiles with 1/5 new flat span tiles	5		Sqrs. 191 11 2	✓
						Repair of a Window			6	✓
<u>W.I. Main Guard Room</u>										
						Repair of a Window			4	✓
2						Sqrs. of Turning Tiles with 1/5 new flat span tiles	5		Sqrs. 10	✓
1	25			16	4	Sqrs. of Turning tiles to Verandah with new flat tiles & 1/5 new span tiles	5	8	Sqrs. 22	✓
Carried Over									441 104	✓

Estimate No. 32 of 1870-71
Repairing the
Infantry Veteran Barracks
& Buildings attached
to them (Bag at Am.)
Estimate No. 80-0-0
Amount Rs. 445-0-0

Brought Over

44 10 4

7a

D. A. Dismukes Office A.D.
Watkins 17th November 1890

Captain
D. A. Dismukes

Officer D. A. Dismukes
for officiating

No. II Main Guardroom

Sqrs of Turning Tiles with
1/5 flat span tiles 5 . . . Sqrs 10 . . .

Sqrs of Turning tiles to
Verandah with flat tiles 5 8 . . . Sqrs 22 . . .
1/6 new span tiles

Smoking Room

Sqrs of Turning tiles with
1/5 new flat span tiles 5 . . . Sqrs 75 3 21

Veteran Company's Canteen

Turning Tiles

Sqrs . . . Sqrs . . .

In patches

Sqrs of Turning Tiles with
1/5 new flat span tiles 5 . . . Sqrs 91 4 9

Cook House Wash House

To Cook House

To Wash House

Sqrs of Turning tiles with
1/5 new flat span tiles 5 . . . Sqrs 102 4 9

Invalids & Boys Barrack

Sqrs of Turning Tiles with
1/5 new flat span tiles 5 . . . Sqrs 10 . . .

Girls School

Repair of Door 5 . . .

Sqrs of Turning Tiles with 1/5
new flat span tiles 5 . . . Sqrs 208 . . .

New House

Repair of a Window 6 . . .

Sqrs of Turning Tiles with
1/5 new flat span tiles 5 . . . 162 . . .

Contingencies & Superintendence 8 . . .

1133 7 . . .
Est 26 9 . . .
Total 1220 . . .

W. T. Tucker Major R.E.

Ag. Supdt. Major R.E.
Donard Lewis R.E.
Assistant Surge. R.E.

Asst Surg. Office
Watkins
12 November 1890

Sumo - October 1899

Estimate No. 36 of 1890-91

Repairs to the Barracks

of the Native Infantry Regiment at

Yang-ah-aham

Value of Buildings \$5000

Date of Last Repairs = 6th July 1890

Cost of do do = \$1000

Barrecks

Front and rear walls outside

Inside do

Partition and end walls

Ceiling

Floors

Small store room inside

Store Room inside & outside

Side

Partition & end walls

Floors to do

Large store room inside

End side

End wall

Floors

End wall of store room

Prison Room

Corner verandah room

Pillars

do

do

Sentry box inside & outside

Carried Over



Estimate of the probable cost of repairing the European
Infantry Veteran Barracks & Buildings attached to them in
the Fort Wing at Ft. Mifflin Date of last repairs April to June 1870
Cost of do do do \$445.00

Measure
in sq. ft. Cont.
Suppl.
Cubical Content

1 146 . 10 58 10
4 54 . 13 28 08
2 146 . 12 35 04
2 146 . 18 52 56
14 10 . 8 11 20
32 10 . 6 19 20
2 146 . 3 8 76
30 7 . 2 4 20
15 10 . 2 3 00
220 44

Description of Work Date Per Item Amount Total

Side walls both sides

Roofs do do

Arched roof of verandahs
do of Barracks

Pillars

do

Over Verandah Arches

Inside Verandah do

do in Barracks

Total Sq. Scrapping and
white washing with 2 Coats
Chimney

Squire Plaster in patches 2 4 . 5 4 8 41-3-10

Wash House

Squire Plaster in patches 2 4 . 5 6 12

End walls

Side Walls

Inside roof

Total Sq. Scrapping
and white washing with
2 Coats

Squire Plaster in patches 2 4 . 5 6 12

Carried Over

Estimate No. 280-0-0

Repairing of
Camp Wing at Ft. Mifflin

Repairing of
Barracks

Estimate No. 280-0-0

Repairing of
Barracks

Estimate No. 280-0-0

Brought Over

2 13 . 9 2 34 1
2 15 . 10 3 00
2 15 . 7 2 25
1 12 . 10 1 20
8 79

End Walls
Side
Screen
Inside roof
Total Sps. Scraping and
whitewashing with 2 Coats

28 Sps. 1 7 5 8-3-5

Boys School

2 61 . 15 18 30
2 45 . 15 13 50
2 126 . 6 15 12
3 38 . 8 9 12
4 20 9 . 7 20
2 11 . 5 1 21
2 6 1/2 . 5 1/2 7 1/2
2 24 . 6 2 88
2 30 . 6 3 60
71 6 1/2

Side walls out. Side
End
Parapet Wall
Side walls of Steps
Crops
Under Stairs
Opinions (two) inside
do. do. Out Side
Total Sps. Scraping and
Blue white Washing

28 Sps. 11 15

2 58 . 15 17 40
2 42 . 15 12 60
58 . 4 2 32
4 8 . 5 1 60
33 92

Side Walls
End
Above Arches
Pillars
Total Sps. Yellow Washing

4 Sps. 8 7 8

2

Squirrels Plaster in patches

2 Sps. 4 8 24-14-8

Battery Guard Room

4 26 . 15 15 60
4 18 1/2 . 15 11 10
1 11 1/2 . 2 2 28
28 98

Side Walls both Sides
End
Dacement
Total Sps. Scraping and
whitewashing with 2 Coats
Sps. Plaster in patches
Washing Room

28 Sps. 4 13 4
2 Sps. 2 4 1-4

4 23 . 16 14 72

End Walls both Sides

Carried Over

Brought Over

4 45 . 16 28 80
24 5 . 16 11 52
55 04
3

Side Walls both Side
Pillars
Total Sps. Scraping and
whitewashing
Sps. Plaster in patches
No. 1 Main Guard Room

28 Sps. 9 29
2 Sps. 6 12 15-14-9

4 48 . 13 24 96
4 25 . 15 15 00
2 25 . 9 4 50
2 12 . 11 2 64
47 10

Side walls
End
Verandah walls
End of
Sps. Scraping and white
Washing with 2 Coats
Sps. Plaster in patches
No. II Main Guard Room

28 Sps. 7 137
2 Sps. 10-1-7

4 48 . 13 24 96
4 25 . 15 15 00
2 25 . 9 4 50
2 12 . 11 2 64
47 10

Side walls
End
Verandah walls
End of
Total Sps. Scraping and
whitewashing with 2 Coats
Chunani
Squirrels Plaster in patches
Motoring Room

28 Sps. 7 137
2 Sps. 10-1-7

4 26 . 15 15 60
4 18 1/2 . 15 11 10
26 70

Side Walls
End
Total Sps. Scraping and
whitewashing
Sps. Plaster in patches
Veteran Company's Canteen
Sps. white & Blue Washing
in patches
Sps. Plaster in patches

28 Sps. 4 71
2 Sps. 6-11-1
3 Sps. 2 14 1
2 Sps. 6 12 8-13-4

Carried Over

Apron & Gutter
 Side Walls with Sides
 End _____
 Compoins Walls
 Total Lys. drapery with
 White washing
 Coat. Floor in kitchen
 End Sides of Cook Room
 Side _____
 do. of Wash house
 End of _____
 Compoins Walls
 Lys. drapery with
 Washing
 Lys. Plaster in Patches
 I mended the _____
 Lys. Plaster in Patches
 Rear Walls
 Front _____
 Cropan & Cas. Walls
 Verandah Walls
 Crof _____
 Pillars
 Lys. drapery with
 Washing
 Girls' school
 Side Walls inside
 End _____
 do. _____
 Green Yellow Washing
 Side Walls outside

$2 \frac{1}{3}$
 $2 \ 15 \ 8 \ 55 \cdot \ 3 \ 35 \ 20 \checkmark$
 $2 \ 15 \ 8 \ 19 \cdot \ 8 \ 12 \ 15 \checkmark$
 $1 \ 12 \ 2 \ 39 \cdot \ 3 \ 6 \ 24 \checkmark$

 $53 \ 50 \checkmark$

 $2 \ \frac{1}{6} \cdot \ 4 \ 15 \cdot \ 8 \frac{1}{2} \ 5 \ 10 \checkmark$
 $2 \ 45 \cdot \ 4 \ 21 \cdot \ 8 \frac{1}{2} \ 7 \ 14 \checkmark$
 $2 \ 126 \cdot \ 4 \ 22 \cdot \ 12 \ 10 \ 5 \frac{1}{2} \checkmark$
 $3 \ 38 \cdot \ 4 \ 18 \cdot \ 13 \ 9 \ 36 \checkmark$
 $4 \ 20 \ 9 \ 2 \ 80 \cdot \ 6 \ 9 \ 60 \checkmark$
 $2 \ \frac{1}{11} \cdot \ 6 \ 9 \ 60 \checkmark$

 $41 \ \frac{1}{2} \checkmark$

 $2 \ 24 \cdot$
 $2 \ 30 \cdot$

 $2 \ 58 \cdot \ 2 \ 57 \cdot \ 7 \ 7 \ 98 \checkmark$
 $2 \ 42 \cdot \ 2 \ 55 \cdot \ 12 \ 13 \ 20 \checkmark$
 $58 \cdot \ 8 \ 12 \cdot \ 12 \ 11 \ 52 \checkmark$
 $4 \ 8 \cdot \ 4 \ 14 \cdot \ 12 \ 6 \ 72 \checkmark$
 $4 \ 15 \cdot \ 7 \ 4 \ 20 \checkmark$
 $2 \ 8 \cdot \ 7 \ 1 \ 12 \checkmark$

 $44 \ \frac{1}{4} \checkmark$

 $4 \ 26$
 $4 \ 18 \frac{1}{2}$
 $1 \ 11 \frac{1}{2} \cdot \ 2 \ 58 \cdot \ 12 \ 13 \ 92 \checkmark$
 $2 \ 18 \cdot \ 12 \ 4 \ 32 \checkmark$

 $18 \ 24 \checkmark$

 $4 \ 23 \cdot \ 2 \ 61 \cdot \ 12 \ 14 \ 64 \checkmark$

 N/O

[illegible]

Estimate No. 31 of 1890-91
 Rs. 34,550-00
 No. 11 on the estimate of
 repairs to the Fort at
 Vizagapatam
 Rs. 14,943-10
 Rs. 20,000-00
 Repairs to the European
 Infantry Barracks, Barrack
 Buildings attached to
 them in the Fort Vizagapatam
 Estimate No. 220-0-0

S.P. 2
 Office of the Asst. Engineer
 Vizagapatam Range,
 Camp Pothanur 25th Nov. 1900
 To
 The Asst. Engineer
 Vizagapatam Range
 From
 The Asst. Engineer,
 1st Division
 Sir,

I have the honor to submit for
 sanction the unmentioned Estimates for repairs
 to the Military Buildings, the preparation of which
 was rendered necessary by the cyclone, and all of
 which have been duly countersigned:

- (1) Repairs to the European Infantry Veteran
 Company's Barracks, and Buildings
 attached to them in the Fort, Vizagapatam,
 Estimate Rs. 1220.
- (2) Do. Do. Do. Do. Do. Est. Rs. 220.
- (3) Do. to Military Buildings occupied by the
 2nd Regt. M.L. at Vizagapatam Est. Rs. 280.
- (4) Do. to Ordnance Depot, at Vizagapatam
 Est. Rs. 80.

4. The Buildings provided for in the first two
 Estimates include the whole of the Military Buildings
 in the Fort, with the exception of the Ordnance Depot.
 In the Fort, with the exception of the Ordnance Depot,
 the roof of the "Boys School," being tiled was a
 good deal damaged, and one wall cracked. In the
 "Battery guard Room" the tiled roof was injured,
 and a window broken. The "Reading Room" is
 similarly situated, so also the "Main Guard
 Room No. 1." In "Main Guard Room No. 2," the smoking
 room, "Canteen," "Cookhouse," "Wash house"
 and "Invalids' Barrack" the roofs are all
 more

more or less damaged. And in addition to this description of hurt, one of the doors of the "Girls' school" and a window of the "Mess House" were blown in.

3 The second Estimate provides for plastering repairs, and general whitewashing; it is, of course, not so urgent as the first.

4 The third Estimate is for shifting the tiles on the roof of the place of arms of the Native Regt. This roof is apparently a very old one, and has been troublesome for some years past. The storm did not displace many of the tiles, for the building is in a sheltered position; but the heavy rains which preceded and accompanied the storm proved the necessity for this Estimate. Doubtless the wind gave the roof a shaking such as will render it of very little use during a slight shower, if left unrepaired.

5 The fourth Estimate is for rep. some of the tiled roofs in the Ordnance Depot.

6 The date and cost of last repair have been noted in all the Estimates. But of the value of the large groups of buildings there is no record in my Office. These are so great that the amount of the Estimates now submitted are as nothing in comparison, and this being so, I did not consider it advisable to delay their submission until all the buildings had been measured up and valued.

I have the honor
 To sign / J. F. Dowdall Lt Col
 Asst. Engr. 1st Div.
 (True Copy)
 Wm. T. Tucker Major 1st
 Asst. Engr. 1st Division

J. F. Dowdall Lt Col
 Asst. Engr. 1st Div.

2936
 To, Major J. F. Tucker R.E.
 Acting Asst. Engineer 1st Div.
 Colonel C. A. M. R.E.
 Secretary to Government R.E.D.
 Madras

I have the honor to forward herewith, 4 Estimates amounting to Rs. 1800, for repairing Damages done to Military Buildings at Vizaga-
 patam by the recent Cyclone, together with copy of a letter from Lieut. Dowdall, and in so doing to inform you that, I have no funds available at my disposal under the head "Repairs Military" to enable me to appropriate funds for the repairs of these Buildings. I am therefore obliged to request you to be good enough to obtain the sanction of Government to the following transfer of funds:-

From	Amount	To	Amount
Godavary District, Repairs Communications Minor Improvements (Est. 2317)	1800	Vizagapatam Repairs Military	1800

I have the honor to be
 Sir,
 Your most obedt. Servant
 Wm. T. Tucker Major 1st
 Asst. Engineer 1st Div.

102. Aug 1908. 13.
No 449

No 3109-20 Dec 1910

From Mr. & estimate amount
to Rs. 1800 for Rep. damage
done by the recent cyclone
to certain Military buildings
in Vizagapatnam and request
sanction for certain branches
of funds for the purpose.

Sanctioned
to Rs. 1800
to Government
of Madras

to Government
of Madras

From
to Mr. & estimate amount
to Rs. 1800 for Rep. damage
done by the recent cyclone
to certain Military buildings
in Vizagapatnam and request
sanction for certain branches
of funds for the purpose.

to Government
of Madras

Public Works Department
30/12/1909
Proceedings of the Madras Government
Under date Aug 20th 1909
Read the following

From The Ag Supr Engrs 3 (H.E. No 29364/29th Nov 1909)
1st Div 3

The Government
sanction the estimate of
Rs 1800 for repairs to the
Military Buildings at
Vizagapatnam which
have been damaged by
the recent Cyclone, and
application will be made
to the Government of
India for sanction to
the transfer of funds
proposed in this letter to
meet the cost of those repairs.

La.
The Supr Engrs 1st Div
Controller P. & A. acct.
Desp 21/12/10

AMB

12494

Govt. of 1870. Madras.

PUBLIC WORKS.

To *Chief Superintendent Eng^r*
1st Division

Dated

Recd.

Encl. 5

G. O. 20th Dec 70 No. 3807

Nos. 444 9468

Military Buildings at
Vizagapatnam. The estimate
of Rs 1800 for repairs to the
Military Buildings which
have been damaged by
the recent cyclone, pre-
sented with remarks.