

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	3488	Press	<i>Original</i>
B.R. No.		Mts.	
Dated	19. 12	195	
		1876	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
19th December 1876. No. 3,488.*

Read the following papers :—

No. 479. From Major R. THOMPSON, R.E., Officiating District Engineer, Bangalore, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Bangalore, 8th December 1876, No. 197.

I HAVE the honor to forward the accompanying plan and estimate, amounting to Rupees 240, for providing three sentry boxes for Sappers and Miners and Royal Artillery Horse lines for the sanction of Government.

2. The plan and estimate have been approved of both by the Major-General Commanding the Division and His Excellency the Commander-in-Chief.

3. I am unable to point out the source from which the cost of the work can be met.

No. 479-A. From the Examiner of Public Works Accounts, dated 13th December 1876.

No. 480. ORDER THEREON, 19th December 1876, No. 3,488.

MILITARY WORKS, No. 7.

(a) *Heads of Service.*—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Military.
Sub-head.—Military Buildings.
Section.—Accommodation for European Artillery and
for Native Infantry.
Name of Work.—Sentry Boxes for Royal Artillery
and Sappers and Miners, Bangalore.
Amount.—Rupees 160 for Artillery.
" 80 for Sappers.

240

To be carried out by the Public Works Department.

(True Extract.)

SANCTIONED; and funds to the extent required provided by transfer from the balance under Minor New Works, Military Bellary District.

2. This sanction has been registered as Imperial No. 112 W. of 1876-77.

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Bangalore.

" " Bellary.

" Examiner of Public Works Accounts.

" Military Department.

Exd. S. T. Austin.

Spare Copies

Head of Service Imperial
 Fund Ordinary
 Class Original work
 Main Head Military
 Sub Head Military building, accommodation for
Native Infantry and Royal Artillery
 To be carried out by D. D. H.

Detail Estimate No. 45 of 1876/77
 District Bangalore
 Providing sentry Boxes for Sappers
 and Miners and Royal Artillery Horse Lines
 Bangalore vide Assistant Quarter Master General
 No. D. No. 392 & 408 dated 19th & 25th August 1876
 respectively

Particulars of work No. measurement
 Contents Total
 L. P. D.

Woodwork			
Uprights at corner	4	6	4 2-8-
Top and bottom of cross pieces	8	2 3/4	4 3 1/2 2-10 3/4
Planks to face or flaps	36	2 1/2	6 1/2 1-10-6
do bottom	1	3	3 1/2 1-1-6
Front	2	5 7/2	6 3/4 4-2 1/4
Frame for supporting Hip rafters	4	3	4 2-8-
Corner pieces or Hip rafters to cap	4	3	2 1 1/2 -3-
Planks to cap or flaps to top	28	2	6 1/2 1-2-
			11-2-11 1/2

Particulars of work L B D

Brought over 10-2-11
 Cross pieces under Box or stand 2 6 1/4 5 6 2-7-3
 Block to cap 1 3 1/2 4 4 10 3
 Outer frames 4 3 1/2 3 1 3-6

Total Qty of teak wood brought & put up 13-1-8 1/2

Nails packing 168 (1 1/2) 168 168
 " " " 144 (1 1/2) 144 144
 Bolts with nuts 4 12 4 4
 Iron clamps 8 18 8 8
 Dozens of screws 4 2 1/2 4 4
 Bolts with nuts at centre 1 9 1 1

Painting
 Sentries box inside & outside 2 10 1/2 6 126
 Roof to do 2 8 3 48
 Total Qty of Painting 1-74

[Faint handwritten notes and calculations at the bottom of the page]

8 DEC 76
 Head of Service Imperial
 Fund Ordinary
 Class Original work
 Main head Military
 Sub head Military buildings, accommodation
 for Native Infantry and Royal Artillery
 to be carried out by R.P.W.
 Abstract Estimate No. 3 of 1876/77
 District Bangalore
 Work. Providing Sentries Boxes for
 Messengers, Miners and Royal Artillery
 Horse Lines at Bangalore. vide
 Accts of Master, R.P.W. No. 392 & 408
 dated 19th & 25th August 1876 respectively.

Quantity	Description of work	Rate Per Amt	Sub.
13-1-9	Qty of teak wood brought & put up	40.00	52.94
168	Nails packing 1 1/2	12.00	142
144	" " " 1 1/2	10.00	145
4	Bolts with nuts 12"	1.00	4
8	Iron clamps - 18"	1.00	8
4	Dozens screws 2 1/2	2.60	10
1	Bolt with nuts at centre 9"	1.00	1
1-74	Qty of Painting	4.00	6.154
			75.53

Sundries 4.109
 Total Estimate Repair for one 80

Description of work - Photo No. 1 and 2 - Total

Sappers and Miners

Sentry Box for Regimental Lines

P.W.D.
9 DEC 76

Royal Artillery

1 - 120 for horse lines - D -

Battery 20th Brigade R.A.

1 - 120 for horse lines

6 Battery 9th Brigade R.A.

3 - Sentry Boxes

80 240

Total Estimate Rupees - 240

10th Engg. Office
Bangalore

8th September 1876

Brace
Mine
and

Director of Public Works
District Engineer

Lib

8th September

Specification to accompany Plan and Estimate for providing Sentry Boxes for Sappers and Miners and Royal Artillery Horse lines at Bangalore.

Amount of Estimate Rs. 240

Three boxes 3 feet square and 8 1/2 feet high with cap or roof, to be provided for sentries, one of which is for Sappers and Miners Regimental lines and the others two for horse lines of D and E Batteries 20th & 9th Brigades Royal Artillery.

The Sentry Box to consist of 4 upright posts 4" square and 6 feet high and cross frames 3 1/2 x 4 to be fixed between uprights at bottom and top. The sides or faces of the box to be covered with section flaps 6 x 1/2 leaving an opening of 18" wide and 5 1/2 feet high for entrance. The floor of box to be 1 1/2" flanking screwed on the side frames.

A cap or roof 3 1/2 feet square and 2 1/2 feet high at centre, to consist of four hip rafters 2 x 1 1/2" fixed on the frame 4 x 2 to be made of the same size of the box, these rafters to be covered with wooden flanking 6 x 1/2. A wooden round block.

15
blocks of the shape shown on the plan
will be fixed at the apex of the roof
or cap, this cap to be fixed on the
top of the box. The venetian flaps will
overlap each other by not less than
 $\frac{1}{6}$ of their breadth.

The whole to be rested on
two frames 6" by 5" fixed diagonally
as shown on the plan.

All the above wooden works
to be made of well seasoned and sound
teak free from all shakes and knots
and neatly finished off.

The box to be clamped at
the corners of bottom and top with
wrought iron clamps $1\frac{1}{2} \times \frac{1}{4}$ and
fastened with 2" inches nails.

The box both in and
outside to be coated with two coats
of Carsons anticorrosion chocolate
paint.

Dist. Engineer's
Bangalore

8th September 1876.

Lt Col

H. S. S. S. S.

Major R. B.
District Engineer

SM

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

P.W.D.
9DEC76

No. 2

Estimated expenditure
for providing Sentry
Boxes for Sappers and Miners
and Sappers and Miners
Artillery Horse and
Amounting to Rs 240-0-0

From the District Engineer
Bangalore
The Chief Engineer
P.W.D.
Mysore
Dated 8th December 1905.
Recd.

20th 7995

DISTRICT ENGINEER'S OFFICE

NO.

BANGALORE

From

The District Engineer

Bangalore.

To

Chief Engineer D.O.W.
Mysore.

Sir,

I have the honor to forward
the accompanying Plan and
Estimate Amounting to Rupees
240-0-0 for providing 3 Sentry
boxes for Sappers and Miners
and Royal Artillery Horse
lines for the sanction of Government.

The Plan and Estimate
2. have been approved of both by
the Major General Command-
ing the Division and His Excellency
the Commander in Chief.

3. I am unable to point
out the source from which the

I have the honor to be

Sir,
Your best Obedt Servt

Wm. L. Brown Major D.C.
Officially District Engineer.

Auth.

1900

POST ST. GEORGE, 13TH DEC. 1876.

THE SUPPLY OF 240. REQUIRED BY THE DISTRICT ENGINEER,
BANGALORE, UNDER ORIGINAL WORKS MILITARY FOR THE WORK

OF ALLOCMENTS
PROPORTIONED BALANCE UNDER THE SAME HEAD IN THE UNDERMEN-
TIONED DISTRICTS:

BELEARY. I, 89.

COMBATORFF 170.

THE DATES OF LAST ADVICES FROM THOSE DISTRICTS ARE GND.

APR 1ST DEC. 1966 EFFECTIVE

EXAMINER, P. W. ACCOUNTS.

From
The District Engineer
Bangalore

To
The Chief Engineer
D. P. W.
Madras.

Dec-1977

Date Recd. 18/12/77
Subs. 1 Planogram & Librarian
Forwards for sanction

of Government Plan
and Estimate amounting

to Rs. 240-0-0 for
providing 3 supply boxes
for choppers and miners
and Royal Artillery
horse lines Bangalore

6672

To be carried out by the
P. W. D.
9 Dec 78
18/12/77

(a) Heads of Service— *Superior*

Fund. *Ordinary*
Class. *Original Works*

Main-head. *Military*
Sub-head. *Military Building*

Section. *Accommodation for European Artillery & for*

Name of Work. *Native Infantry*
Supply Boxes for R.A. & Artillery
Bangalore

Amount— *Rs. 160 for Artillery*
80 for supply
240

To be carried out by the *P. W.* Department.

in the margin of G.O. No. 3488 of 19-12-76—

May 11/77
No 3488 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 19 Decr 76 9.14
Read the following:—

From
The District Engineer
Bangalore } (H.E. No 197 of 8 Decr 76)

Sanctioned; and
funds to the extent
required provided by
transfer from the balance
under ~~Engineering works~~
~~Engineering works~~

M. 18/12
Military, Bel-
lary District.

This sanction approved
has been registered as
Imperial No. 112 of 1876-77.

The D.E. Bangalore ✓
" Bellary ✓
" Engr. P. W. Accts. ✓
" Engr. Dep't ✓
" Engr. Dep't ✓
Dated 28/12/76

89 288
Govt. of 1876 Madras
PUBLIC WORKS.

To

21-1-76
The D. & Bangalore

Dated

Issued

Recd.

Encl.

G. O. 19th Dec^r 1876, No. 3468

Dec. 479/87

Sending Boxes for the Royal
Voluntary and Support and
Minist at Bangalore —

Estimate of Rs 240 for
providing — sanctioned

Done in office.