

(1) Number of pages 1417(2) Date of repair 12-12-37

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No.	266	Press
		Mis.
533-34		
Dated	20-12-37	18

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
28th January 1869.*

No. 533. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Cuddalore, 23rd December 1868, No 171 —

1. I have the honour to submit, for the sanction of Government, three estimates, amounting in the aggregate to Rupees 3,640, accompanied by plans and specifications, for the undermentioned Military works at Bangalore —

Constructing two detached Guard-rooms for Hospital,	rs.
Native Infantry Barracks	2,080
Constructing additional Cart sheds for double and single separate wards, Race Course	1,060
Gravelling and draining the road on the west side of Married quarters, European Infantry Barracks	500
	3,640

2. All the plans and estimates have been approved by the Officer Commanding the Division and His Excellency the Commander-in-Chief.

3. The cost of these works can be met from savings on the allotment of the Mercara Palace, Rupees 22,311.

No. 534. ORDER THEREON, 28th January 1869, No 266.

MILITARY WORKS, No 34.

The estimates submitted with this letter for certain Military works at Bangalore are sanctioned, the cost being met from the source indicated in paragraph 3, in anticipation of the approval of the Government of India.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 5th Division.
" Controller of Public Works Accounts.
" Military Department.
" Accountant General.

Exd. S. T. Augustin.

Cort. of {1869} Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

5th DIVISION

&c, &c, &c

Dated January, 28th

From

Encl

G O 25th January 1869, No 266

JANUARY.

Nos. 533-534

Military works—Estimates amounting to Rupees 3,610 for certain Military works at Bangalore, sanctioned.

Military

5th Division D. P. W.

Bangalore

New work

Abstract Estimate of 1868-69.

Constructing additional Cart sheds for Double and single separate Wards, & Pace Courses Barracks, Bangalore

Quantities	Description of works	Rate	Per	Amount	Total.
<u>Double & single Wards</u>					
225	Cubic feet of Dismantlings	2	6 1/2	2	
1 1/100	Squares of Flooring and re-laying	4	1 1/2	5	
111 1/4	Cubic feet of Excavation	1	6 1/2	6	
443 3/4	Do. of Foundations stone in chunam	2	6 - Do.	121	
883	Do. of Substructure Do	2	9 - Do.	152	
70	Do. of Archwork Do	5	- Do.	22	
38	Running feet of Roughly Dressed Corncd work	8	1 1/2	19	
135	Do. of Stone Slab head for steps	3	- Do.	25	
9 1/4	Squares of Plastering	2	8 - 1/2	23	
9 1/4	Do. of Whitewashing	3	- Do.	2	
502	Square feet of Dressing stone	4	1 1/2	126	
5 7/100	Squares of Planking Do. with lime putty	1	8 - 1/2	8	
12-6-10	Cubic feet of Teakwood wrought and put up	3	8 - 1/2	44	
153 1/100	Squares of Terracing with brick on edge 3' jelly, 3 courses of slab, tiles and 3 coats of chunam	27	8 - 1/2	42	
1 1/2	Do. of Flooring with Punjab Dow system	4	- Do.	4	
1	Door re-laying to Cart shed	2	1 - 1/2	2	
2	Painted Iron Windows 3x3 with frames, fittings &c complete including roller	9	6 - 1/2	11	
9 1/100	Squares of Wood Ceiling	2	1 1/2	2	
2 1/2 1/100	Do. of Green Painting	5	- Do.	11	
	Painting and sheet Iron works repairing &c complete			7	
				642	
				28	
Sundries				Total of Estimate Rupees	
				670	

Carried forward

670

Brought forward 670

Single Separate Wards

128	Cubic feet of Dismantlings	2	6 ft	1	
$\frac{42}{100}$	Squares of Flooring — D_2 — and refixing	4		2	
588	Cubic feet of Excavation	1	6 ft	3	
416	— D_2 — of Foundation stone in chumam	2	6 — D_2	65	
464	— D_2 — of Superstructure — D_2	2	9 — D_2	80	
43	— D_2 — of Archwork — D_2	5	— D_2	13	
28	Running feet of Roughly Dressed cornice work — D_2	8	5 ft	14	
68	— D_2 — of Stone Slabs tread for steps	3	— D_2	13	
$5\frac{57}{100}$	Squares of Plastering	2	8	14	
$5\frac{57}{100}$	— D_2 — of Whitewashing	3	— D_2	1	
369	Squares feet of Dressing Stone	4	8 ft	92	
$3\frac{67}{100}$	Squares of Pointing — D_2 — with lime putty	1	8	6	
5-10-8	Cubic feet of Teakwood wrought and put up	3	8	21	
$\frac{72}{100}$	Squares of Terracing with buckram edge jelly, 3 courses of flat tiles and 3 coats of chumam	27	8	20	
$\frac{49}{100}$	— D_2 — of Flooring with Tungab Dr. system	4	— D_2	2	
1	Door refixing to East shed	2		2	
1	Battered Swing Window 3x3	9	6	9	
$\frac{42}{100}$	Squares of Wood Oiling	2		1	
$1\frac{58}{100}$	— D_2 — of Green Painting	5	— D_2	9	
	Iron Seats and Sheet Iron works refixing &c complete			5	
				373	
	Sundries			17	

Total Estimate Rupees 390

Total Amount of Estimate Rupees for additional East shed for Double and

Single Wards. 1060

Rupees One thousand and sixty only.

Executive Engineer's Office
Bangalore, 16th November 1868

(Signed) H. H. Hood Captain R. E.
Executive Engineer, Bangalore.

By order

(Signed) H. H. Kesham Captain

De. Asst. S. M. General

Ed. M. M. Colonel R. E.

Superint. Engineer S. D.

Bancalore

Abstract Estimate of 1868-69

Constructing Two Detached Guard Rooms for Hospitals Native Infantry Barracks.

Quantity	Description of work	Rate	Per	Amount	Total
610	Cubic feet of Excavation	1	6 ¹ / ₂	3	
610	Do of Foundation stone in chunam	2	6	Do	95
204	Do of Basement Do	2	6	Do	32
1369	Do of Superstructure brick in chunam	2	9	Do	235
111	Do in Ironwork Do	4		Do	28
229 ² / ₁₀₀	Squares of Plastering two coats	2	8	Sqrs	54
11 ⁸³ / ₁₀₀	Do of Whitewashing Do	3		Do	2
11 ⁶ / ₁₀₀	Do of Bluewashing Do	4		Do	3
54	Running feet of cornice work	4		6 ¹ / ₂	14
9	Do of Stone slabs head for steps	3		Do	2
52-7-5	Cubic feet of Teakwood wrought and put in	3	8	6 ¹ / ₂	184
58	Do of Iron nails 6 long		6	Each	2
67 ² / ₁₀₀	Squares of Roofing with teak rafters, nails, flat and pan tiles, chunam borders &c &c complete	18		Sqrs	121
1	Do of Stone Plates over Pillars (1/2 x 1 1/2 x 1/4)	3	6	Each	1
466 ⁶⁶ / ₁₀₀	Squares of Flooring with granite slabs, bedded in sand and pointed with chunam	10		Sqrs	47
396	Cubic feet of Filling in Basement		1/4	6 ¹ / ₂	1
67 ⁵ / ₁₀₀	Squares of Wood oiling two coats	2		Sqrs	14
165 ⁶⁵ / ₁₀₀	Do of Verdigris green painting	5		Do	8
2	Iron barred battened in doors with fixed inside frame &c &c complete (3 1/2 x 5 1/2)	25		Each	50
2	Do Battened door with frame &c &c complete (5 x 8)	38		Do	76
3	Fixed Ventilators with frame &c &c (3 x 2)	3		Do	9
	Carried forward				984

5th Division D₂ 4th

Bancalore

1868-69

Abstract Estimate for

Constructing Detached Guard Rooms for Hospitals Native Infantry Barracks, Bangalore.

Amount of Estimate Rs. 1060

	Brought forward	98.2
1 Marking board	5	5
1 Inventory - 20	12	1
		990
	50	
Total Amount of Estimate Papers for One		1040
for Two		2080

Papers five thousand and eighty only

Executive Engineer's Office
Bangalore, 21st October, 1868

Signed H. H. Wood Captain R.E.
Executive Engineer, Bangalore

By order
Signed W. B. Mesham Captain
Dy. Asst. Secy General

Edmond Colonel R.E.
Superintg. Engineer S. D. D.

5th Division D.P.W.

New Work

Military

Bangalore

Abstract Estimate of 1868-69

Work. Graveling and draining the Road on the west side of Murree's Quarters European Infantry
Barracks.

Quantities

Description of work.

Rate Per Amount Total.

65	Squares of Levelling and graveling	12	Sqrs 48	12	
650	Drainage feet of V Drain	11	Per ft 446	14	
					495 10
					4 6

Sundries

Total Amount of Estimate Rupees 500

Rupees Five hundred only.

(Signed) H. W. Wood Captain R. E.
Executive Engineer, Bangalore.

By order

(Signed) W. B. Mesham Captain
Dy. Asst. Dy. Asst. General.

Col. Asst. Colonel, R. E.
Superint. Engineer 5th Div.

Executive Engineer's Office
Bangalore, 21st October 1868

5th Division D.P.W.

Bangalore

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Abstract Estimate for

Constructing the Detached Guard

Room for Hospital at Bangalore

Infantry Barracks

Amount of Estimate Rs. 2080

Superintg Engineer's Office, 5th Divⁿ,
 Cuddalore 23rd December/68.

N-171

From, Colonel E. A. Ford R.E.,
 Superintg Engr, 5th Division.
 To Colonel Charles A. Orr R.E.,
 Secretary to Government,
 Public Works Dept.

Sir,

I have the honor to submit;
 for the sanction of Government, three estimates
 amounting in the aggregate to Rupees 3,640⁰⁰,
 accompanied by plans and specifications,
 for the undermentioned Military works at
 Bangalore.

- Enclosures:
 2. Plans
 3. Abstract Ests:
 2. Specifications.

Constructing two detached Guardrooms
 for Hospital, Native Infantry Barracks, Rs 208.
 Constructing additional cart sheds for
 double and single separate wards, Race
 Course ————— " 106.
 Graveling and draining the road on the
 West side of Married Quarters, European
 Infantry Barracks ————— " 500.
 Rs 3640⁰⁰.

2. All the plans and estimates have
 been approved by the Officer Commanding the
 division and His Excellency the Commander-
 in-Chief.

3. The cost of these works can be
 met from savings on the allotment of the
 Mercara Palace Rupees 22311.

I have the honor to be
 Sir,
 Yours most obedt servant
 Ed Ford Colonel R.E.
 Superintg Engineer, 5th Divⁿ.

Item No 56 Part II
 of the Annual Report
 Budget.

5th Division C 2711
 Bangalore

1097 5032/68

Abstract Estimate for

Graveling and draining the road
 on the west side of married quarters
 European Infantry barracks.

Amount of Estimate Rs 500⁰⁰

26th Jan 1869. Or. 19th

26533

Re 266. 28th Jan 1869
Works at Bangalore
Estimates amounting to
Rs 3640. for certain
works at Bangalore

Dated 23rd
Dec 28th December 1868
No 171.
Enclosure 5th.

Mr. J. B. B. B. B. B.
The Secretary to Govt.
Public Works Dept.
5th Div.
The Secretary to Govt.
Public Works Dept.

The Works Dept. 15th
No 266

Proceedings of the Madras Government.
Under date the 28th January 1869.
Shed the following.

From the Supy Engineer
of the 5th Div (Store enter No 171/23rd Dec 1868)

The estimates sub-
mitted with this letter
for certain Publicary
works at Bangalore are
sanctioned, the cost being
met from the source in-
decald in Para 3, in
anticipation of the ap-
proval of the Govern-
ment of India.

1001

M.A.

Supy Engr 5th Div with two specims
Cont. Sec. Mr Accto:
Publ. Dept's
Acct. General

58
5-

W.B.

Recd 29/1/69

(20)

Cue 5032

Govt. of 1869 Madras.

PUBLIC WORKS.

The Superintending Engr.

Dated

1869

5

G O 28th June 1869 No 266



Nos. 533-534

Military works Estimated
amounting to Rs 3640 for ex-
-tensive military works at Ban-
-jahre, Saulem.