

(1) Number of pages 12

(2) Date of repair 2. 2. 21

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. <u>893</u>	Press
<u>497-498</u>	<u>Mis.</u>
Dated <u>30 - 3</u>	<u>1870.</u>

Not to be folded or roughly handled

5/12

*Proceedings of the Madras Government, Public Works Department,
30th March 1870.*

No. 497. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Camp at Villapuram, 3rd March 1870, No. 205:—

I HAVE the honour to forward, for the sanction of Government, from the Reserve of 1870-71 under "Military," the under-mentioned estimates accompanied by plans and specifications:—

Three Plans.
Do. Estimates.
Do. Specifications.

- | | |
|---|-------|
| (1.) Additional work required for [the Cholera Camps | RS. |
| near Bangalore | 620 |
| (2.) Constructing Ration—shed for Royal Horse Artillery | |
| Barracks at Bangalore | 1,000 |
| (3.) Constructing Prisoners' room and room for Native | |
| Officer at Guard-room of Sappers and Miners at | |
| Bangalore | 1,150 |

2. The plans and estimates have been approved of by His Excellency the Commander-in-Chief.

No. 498. ORDER THEREON, 30th March 1870, No. 893.

MILITARY WORKS, No. 12.

THE estimates amounting in the aggregate to Rupees 2,770 for certain Military Works in Bangalore are approved. Colonel Foord will apply for the necessary funds after the 1st April next.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

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

Exd. E. C. Shunker.

Carried forward ————— 900

Govt. of Madras.
PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER.

For

By

Dated March 5th.

Recd.

Per

G. O., 50th March 1870, No. 893

MARCH

Nos. 497-499

Military Works.—Estimates, amounting to Rupees 2,770, for certain Military Works in Bangalore, approved

Military

Fifth Division D.P.W.

Original.

Bangalore.

Abstract—Estimate of 1869-70.

Work: Constructing Ration Shed for Royal Horse Artillery Barracks Bangalore

Quantities	Description of Work	Rates Per	Amount Total
425	Cu ^{ft} of Excavation	1 C ^{ft}	2
425	do of Foundation Stone in Chm	2 6 do	66
248	do of Basement	do " 2 6 do	39
676	do of Superstructure Brick in		
	Chunam	2 9 do	116
1.70	Squares of Honey Comb work	8 " S ^q	14
15.97	do of Plastering two Coats of		
	Chunam	2 8 " do	40
10.92	do of Whitewashing two Coats	3 " do	2
5.64	do of Blue washing	4 " do	1
102 3/8	Cu ^{ft} of Teak wood wrought and		
	put up	3 8 " C ^{ft}	358
9.60	Squares of Roofing with teak		
	ropes, nails flat and		
	pan tiles Chunam borders	18 " S ^q	173
5.82	do of Paving Stone Slabs 3"		
	thick with edges dressed		
	square to be laid in mortar	15 " do	87
8.30	Cu ^{ft} of Filling in basement	1/2 C ^{ft}	2
	Carried forward		900

Brought forward _____ 900

12 No. of Stone plates under brs. _____
 86 Aft of Slabs bread for steps _____ 4 - Each 3
 72 No of Nails 8" long _____ 3 - Cft 16
 8.10 Squares of wood siding two Coats _____ 5 Each 3
 1 No. of Marking board _____ 2 - Sqr 16
 1 No. of Inventory board _____ 5 - Each 5
 _____ 12 - do 1

Sundries _____ 944
 _____ 56

Total Amount of Estimate Rs. _____ 1000

Executive Engineer's Office }
 Bangalore 23^d August/69 }
 [Signed] H. W. Wood Captain Lt
 Executive Engineer
 Bangalore

By Order
 [Signed] W. A. Misham Major
 Dy. Mt. Of Mr General

Edmond Colonel Lt
 Superintending Engineer S.D.

Copy. Fifth Division D.P. W. Original.
 (Bangalore)

for station
 Bangalore.

Amount Total

4
 3
 92
 48

40
 17
 50

57
 5

6

Cubft of Teak wood wrought
 and put up _____ 3 8 - Cft 135
 Squares of Terracing with brick
 on edge 3 of jelly 3 courses
 of flat tiles and 3 Coats of
 plastering with Chunam _____ 27 8 - Sqr 105

Carried forward _____ 772

Brought forward 900

86 Aft of
72 No of
8.10 Squares
1 No of
1 No of

Fifth Division D.P.W.
(Bangalore)

11/2/70

Total

Abstract Estimate for
Constructing Barracks
for Royal Horse Artillery
Bangalore.

Amount of Estimate Rs. 1000

Major Colonel A.C.
Superintending Engineer S.D.

Military. Fifth Division D.P.W. Original
Bangalore
Abstract Estimate of 1869-70.

Work: Constructing proposed prisoners' room and room for station
Officer at Guard room of Jappers and Miners, Bangalore.

Quantities	Description of Work	Rates Per	Amount Total
73	Cubft of Dismantling	3 Cft	4
589	do of Excavation	1 do	3
589	do of Foundation stone in Chumam	2 6 do	92
310	do of Basement do do	2 6 do	48
1395	do of Superstructure brick in Chumam	2 9 do	240
66	do of Arch work do	4 do	17
80	Aft of Cornice work	2 Aft	60
22.78	Squares of Plastering with two coats of Chumam	2 8 Aft	57
28.30	do of Whitewashing two coats	3 do	5
22.52	do of Blue washing do	4 do	6
38 7/16	Cubft of Teak wood wrought and put up	3 8 Cft	135
3.80	Squares of Terracing with brick on edge 3 of jelly 3 courses of flat tiles and 3 coats of plastering with Chumam	27 8 Aft	105

Carried forward 772

Executive Engineer
Bangalore 2341

Military. 5th Division D.P.W. Bangalore New Works
Works — Abstract Estimate for 1869/70.
Additional work required for the Cholera Camps
near Bangalore.

Quantity	Description of works	Rate Per	Amount Total
	<u>A Tunnel of current of 2' x 3' feet,</u> <u>with side walls 1 1/2 feet thick for</u> <u>a Roadway measuring 21 feet broad.</u>		
89 1/4	Cft. of Excavation and filling in. — " —	1 Cft. 14 10 6	
675 1/4	— of Stone in Chumam — " —	26 Rs. 105 9 4	
			110 3 10
	Surchies —————		14 12 2
	<u>Total for One. Rupees —————</u>		<u>115 —</u>
	<u>Rs. for Four. — Rs. —————</u>		<u>575 —</u>

	<u>Removing earth to a distance from</u> <u>water holes in Nos. 1, 2 and 3 Camps.</u>		
396	Cyds. of Removing earth to a distance — " —	19 Cysd 143 5 "	
	Surchies —————		1 " "
	<u>Total Rupees —————</u>		<u>145 —</u>
	<u>Grand Total of Estimate. Rupees —————</u>		<u>620 —</u>
	Rupees six hundred and twenty only.		

Ex: Engr's Office
 Bangalore 14 May
 1869

P. R. W. Wood Capt. R.E.
 Ex: Engr Bangalore.

2A and 10th R.E.
 Supy Engr 5th Division.

Abstract Estimate for
Constructing Chumam
and work for electric
offices at Grand room of
Chumam and others —
Bangalore.
Amount of Estimate Rs. 1150

5th Division D.P.W.
Bangalore

11/12/22/20

Exec
 Ban

Quantities Description of Work Rates Per Amount Total

8.	Brought forward		772
7.	81 Squares of Semi-terracing four		
8.10	Courses of flat tiles and		
1	3 Coats of plaster with		
1	plain registers		
12	Aft of Stone Slabs bread for	14 . . .	15
	Steps		
2	No. of Stone pillars $1\frac{1}{4} \times 4\frac{1}{2} \times 10\frac{1}{2}$	3 . . .	2
12	-do- of Nails 6" long	3 . . .	6
2.98	Squares of wood oiling 2 Coats	. . .	1
3.05	-do- of Flooring with Stone	2 . . .	6
	Slabs 3" thick with edges		
	dropped square to be		
	laid in mortar	15 . . .	45
551	Cubft of Filling in basement	. . .	1
2.91	Squares of Green Painting two Coats	5 . . .	15
1	Pair of Panelled door with frames		
	hinges hooks locks & complete		
	$3\frac{1}{2} \times 7$	31 . . .	31
2	Pair of venetian windows with		
	frames and iron works &		
	Complete 3×5	20 10 . .	41
2	Iron bar door with frames		
	and iron works & complete		
	$3\frac{1}{2} \times 7$	38 . . .	76
	Carried forward		1011

Quantities Description of Work Rates Per Amount Total

	Brought forward		1011
2	Iron bar attic windows with		
	frames & iron works &		
	Complete $5 \times 1\frac{1}{2}$	18 . . .	36
2	-do- do- $2\frac{1}{2} \times 1\frac{1}{2}$	9 . . .	18
2	No. of Sun Shades large	10 . . .	20
2	-do- do- small	5 . . .	10
2	Inventory boards	12 . . .	2
			1097
	Sundries		53

Total Amount of Estimate Rupees 1150

Executive Engineer's Office
Bangalore 21st August 1899

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

By Order
(Signed) W. R. Mesham Major
Deputy M. Q. Mr. General

or Mrd Colonel R.E.
Superintending Engineer S.D.

Quantities Description of Work Rates Per Amount Total

80	Brought forward		772
72	81 Squares of Semi-terracing four		
8.10	Courses of flat tiles and		
1	3 Coats of plaster with		
1	plain reapers	14	15
12	82 Lft of Stone Slabs bread for		
	Steps	3	2
2	No. of Stone pillars $1\frac{1}{4} \times 4\frac{1}{2} \times 10\frac{1}{2}$	3	6
12	-do- of Slabs 6' long	1	1
2.98	Squares of wood oiling 2 coats	2	6
3.05	-do- of Flooring with Stone		
	Slabs 3' thick with edges		
	dropped square to be		
	laid in mortar	15	15
551	83 Cft of Filling in basement	1	1
2.91	Squares of Green Painting two coats	5	15
1	Pair of Panelled door with frames		
	hinges hooks locks & complete	31	31
2	Pair of venetian windows with		
	frames and iron work &		
	Complete 3×5	20	41
2	Iron bar door with frames		
	and iron work & complete	35	76
	Brought forward		1011

Executive
Bangalore

Quantities Description of Work Rates Per Amount Total

	Brought forward		1011
2	Iron bar attic windows with		
	frames & iron work &		
	Complete $5 \times 1\frac{1}{2}$	18	36
2	-do- do- $2\frac{1}{2} \times 1\frac{1}{2}$	9	18
2	No. of Sun Shades large	10	20
2	-do- do- small	5	10
2	Inventory boards	12	2
			1097
	Sundries		53

Total Amount of Estimate Rupees 1150

Executive Engineer's Office
Bangalore 21st August 1889

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

By Order
(Signed) W. R. Mesham Major
Deputy Asst. Qr. Mr. General
Edmond Colonel R.E.
Superintending Engineer S.D.

Quantities	Description of Work	Rate Per Unit	Amount
86	Brought forward		772
72	81 Squares of Semi-litracing four		
8.10	Courses of flat tiles and		
1	3 Coats of plaster with		
1	plain repairs	14	15
12	12 Aft of Stone Slabs bread for		
	Steps	3	2
2	2 No. of Stone pillars $1\frac{1}{2} \times 4\frac{1}{2} \times 10\frac{1}{2}$	3	6
12	-do- of Stairs 6' long	6	1
2.98	Squares of wood ciling 2 Coats	2	6
3.05	-do- of Flooring with Stone		
	Slabs 3' thick with edges		
	dreped square to be		
	laid in mortar	15	15
551	551 Cubft of Filling in basement	2	1
2.91	2.91 Squares of Green Painting two Coats	5	15
1	1 Pair of Panelled door with frames		
	hinges hooks locks & complete		
2	2 Pair of venetian windows with	31	31
	frames and iron work &		
	Complete 3×5	20	41
2	2 Iron bar door with frames		
	and iron work & complete		
	$3\frac{1}{2} \times 7$	38	76
	Carried forward		1011

Quantities	Description of Work	Rate Per Unit	Amount
	Brought forward		1011
2	2 Iron bar attic windows with		
	frames & iron work &		
	Complete $5 \times 1\frac{1}{2}$	18	36
2	2 -do- do- $2\frac{1}{2} \times 1\frac{1}{2}$	9	18
2	2 No. of Sun Shades large	10	20
2	2 -do- do- small	5	10
2	2 Inventory boards	12	2
			1097
	Sundries		53
	Total Amount of Estimate Rupees		1150

Executive Engineer's Office
Bangalore 21st August 1899

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

By Order
(Signed) W. R. Mesham Major
Deputy Mt. Qr. Mr. General
Edmond Colonel R.E.
Superintending Engineer S.D.

1205. Supg Engineer's Office, 5th Div,
Camp Villapuram,
3rd March 1870.

From
The Superintending Engineer,
5th Division.

To
The Secretary to Government,
S. P. Works.

Enclosures-9

3 Plans

3 Estimates

3 Specifications

Sir, I have the honor to forward,
for the sanction of Government from
the Reserve of 1870/71, under "Military",
the undermentioned estimates accompanied
by plans and specifications.

1. Additional work required for the Cholera
camps near Bangalore — Rs. 620.
2. Constructing Ration Shed for Royal Horse
Artillery Barracks at Bangalore — 1,000.
3. Constructing Prisoners' Room and room for Native
officer at Guard room of Sappers and Miners
at Bangalore — 1,150.

2- The Plans and Estimates have been
approved of by His Excellency the Commander-
in-Chief.

I have the honor to be
Sir,
Your Most Obedient Servant
Edmond Coll R.E.
Supg Eng 5th Division.

5th Division S. P. Works

Bengalore

1205/70

Abstract Estimate for
additional work required
for the Cholera Camps
near Bangalore.

Amount of Estimate Rs. 620 =

By 8402
J. M.

C. 87 March 1870 D. 25

1870

1870-71

1870-71

1870-71

1870-71

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1870-71

1870-71

1870-71

From the Deputy Engineer & Surveyor at Bangalore 205 of 3 March 1870

Entitled to the Madras Government
1870
Under the 30th March 1870
Recd the following

The estimate amount
being in the aggregate
to Rs 2770 for certain
Military Works in
Bangalore are approved.
Colonel Ford will apply
for the necessary funds
after the 1st April next.

W. A. J. S.
The S. Eng. & Surveyor
at Bangalore
Only Dept
Recd 21/3/70

W. A. J. S.

Cuo 902

Gabt. of 1870: Madras.

PUBLIC WORKS.

The Superintending Engr.
5th Division

Dated

Recd.

no. 6

G. O. 11th March 1870. No. 893

Nos. 497-498

July works Estimates amounting
to Rs 2770 for certain July works
in Bangalore, approved.

c. 8. March 1870 C. 252