

(1) Number of pages 1800

(2) Date of repair 30 11 68

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1378	Press
62-62	Mis.
Dated 4 5	1868.

Not to be folded or roughly handled

1

Proceedings of the Madras Government, Public Works Department.
4th May 1868.

No. 62. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Department Public Works, dated Cuddalore, 7th April 1868, No. 3 :—

1. I have the honor to submit, for the sanction of Government, eight estimates, amounting in the aggregate to Rupees 6,006, accompanied by plans and specifications, for the undermentioned Military Works at Bangalore :—

	RS.
1. Constructing two Gram-boiling sheds for Artillery on the Race Course...	3,000
2. Altering the verandah of the workshop attached to the Sappers and Miners ...	758
3. Constructing a verandah and making alterations in a cook-house for the new Dragoon Barracks for the reception of Grant's Cooking Range...	560
4. Fixing iron railings on both sides of the bridge over the calingulah of the Ulsoor tank...	648
5. Putting up shelves, arm-racks, &c., in No. 5 block, Race Course Barracks ...	233
6. Dividing Nos. 1 and 2 blocks for Cavalry on the Race Course by walls raised to a height of 10 feet ...	158
7. Dividing the Orderly-room at the Race Course by a boarded partition, and putting sun-shades over windows ...	299
8. Blocking up the passage and archways, and opening a door and gateway in the lower portion of the old Infantry Barracks...	350
	6,006

2. For the Gram-boiling sheds there is a provision of Rupees 3,500 in the current year's Budget,* and it does not appear that any standard plan was ever received for these buildings.

* Item No. 44.

3. The estimated cost of each of the works 2, 3, and 4 being above 500 Rupees, I request the Government will be pleased to sanction them from the Reserve under "Military," and the remaining four works from the grant of Rupees 5,000 for Bangalore under Minor New Works "Military."

4. All the plans and estimates now submitted have been approved by both the Officer Commanding the Division and His Excellency the Commander-in-Chief.

No. 63. ORDER THEREON, 4th May 1868, No. 1,378.

MILITARY WORKS, No. 5.

1. The estimate for the first of the works enumerated in paragraph 1 of this letter will be forwarded to the Government of India. Those for the other works are sanctioned.

6 Putting up shelves, arm-racks &c. in No. 5

*Proceedings of the Madras Government, Public Works Department,
4th May 1868.*

2. Appropriations aggregating Rupees 1,966 are sanctioned from the Reserve under "Military" to meet the outlay on items 2, 3, and 4. Funds for the other works will be provided by the Superintending Engineer.

(Here enter No. 1,379, dated 4th May 1868.)

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

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

Exd. T. Cartledge.

3

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE,
4th May 1868.

No. 1,379.

No. 64.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

MILITARY WORKS, No. 6.

1. I am directed by His Excellency the Governor in Council to forward for the sanction of the Government of India the accompanying plan and estimate amounting to Rupees 3,000 for the construction of two gram-boiling sheds for Artillery on the Race Course at Bangalore.

2. Funds for the works are provided in Part II. of the current year's Budget.

3. I am to add that this Government have not yet received a standard design for gram-boiling sheds.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. T. Cartledge.

5 Printing up shelves, Amracks 4 1/2 in N.

N^o 3. Superint^y Engineer's Office, 5th Division,
Cuddalore 7th April 1888.

From,

Sir^t, Colonel E. A. Ford R.E.,
Superint^y Engineer, 5th Division.

To,

Colonel Charles. A. O. R. E.,
Secretary to Government, D. S. W.

Sir,

Inclosures 15
8 Estimates
4 Plans
3 Specifications

I have the honor to submit, for the
sanction of Government, 8 estimates amounting
in the aggregate to Impesboob, accompanied
by plans and specifications for the modern-
ized Military Works at Bangalore:—

- 1 Constructing two Gun boiling sheds for
Artillery on the Race Course — 3,000
- 2 Altering the Verandah of the workshop
attached to the Sappers and Miners 758 1
- 3 Constructing a Verandah and making ab-
terations in a Cook house for the new
Dragoon Barracks for the reception of
Grants looking Range — 560
- 4 Fixing Iron railings on both sides of the
bridge over the Calingulah of the
Veleer tank — 648 1
- 5 Putting up shelves, Amracks &c in N^o
5 block, Race Course Barracks — 233 6

6. Dividing Nos 1 and 2 blocks for barracks
in the Race course by walls raised
to a height of 10 feet ————— 158

7. Dividing the Orderly room at the Race
course by a boarded partition and
putting sun shades over windows 299

8. Blocking up the passage & archway and
opening a door and gateway in the lower
portion of the Old Infantry Barracks 350

2. For the Grain boiling sheds there is a pro-
-sion of Rs 3,500 in the current years Budget, and it does not appear that any standard plan was
ever received for these buildings.

3. The estimated cost of each of the works
being about 500 rupees, I request the Govt.
will be pleased to sanction them from the Reserve
under "Military", and the remaining four works
from the grant of Rupees 5,000. for Bangalore under
Minor New Works "Military".

4. All the plans and estimates now sub-
mitted have been approved by both the officer
commanding the Division and his Excellency the
Commander-in-Chief.

I have the honor &c
Yours most obdt. Servt.

E A and Lieut Col &c
Superintg. Engineer, 5th Div.

5th Division D.P.M.

7

Bangalore

Abstract Estimate for 1868-69.

Work. — Fixing Iron Railings on both sides of the bridge over the Calingulah & the
Udson. Land.

Quantity	Description of work	Units	Per	Amount	Total
639	Cubic inches of Iron or 178 lbs = 7 1/2 counds	3	Rs	22 8	
11	Running feet of stone including drilling holes fix- ing bars with lead	1	Rs 1/2	11	
	Fixing			1	
				34 8	
	Sundries			1 8	
	Total for One			36	

Total for 18 — 648

Rupees six hundred and forty eight only

Executive Engineer's Office
Bangalore 6th February 1868

Signed, R. P. Head Captain, R.E.

Executive Engineer, Bangalore

Signed, W. P. Mesiani Captain

Dy. Supt. & Dy. General

Edmond Lieut Col. R.E.

Superintg. Engineer &c

Amount of Estimate Rs 48-0-0

Amount and details of work
estimated for
the year 1868-69.

PN. 1323/68

Executive

5th Division D. P. 11

5th Division D. P. 11

9

5th Division

Bangalore

New work

Abstract Estimate for 1868-69.

Work - Dividing 1st and 2nd Blocks for Cavalry at the Race course by walls raised to a height of 10 feet.

Quantities	Description of work.	Rate	Per	Amount	Total
360	Cubic feet of Brick in Chundam	"	2 9 6 1/2	61 14	"
5 th	Squares of Plastering with D ₂	"	2 8 " slope	12 14 4	"
5 th	- D ₂ of Whitewashing - D ₂	"	2 6 - D ₂	" 12 10	"
Total Prices				75 9 2	
Lundries				3 6 10	
Total for Inc				79 " "	
- D ₂ for Inc				158 " "	

Rupees One hundred and fifty eight only.

Executive Engineer's Office
Bangalore 28th January 1868

Signed / C. B. Mead Captain P. E.

Executive Engineer Bangalore
By order

Signed / W. B. Mead Captain

D₂ 1st Lt. D₂ 1st Lt. General

M. and Lieut. Col. P. E.
Superint. Engineer 5th Div.

Bellary

Bangalore

New work

Abstract Estimate of 1868-69.

No. 6. — Dividing the Orderly Room at Race Course by a boarded partition and putting Sun shades over Windows, Bangalore.

Quantity	Description of Work	Rate	Per	Amount	Total
15 ^{sq}	Square feet of partition, of boards, including frame work and fitting	1	"	158	"
3.45	Square of Wood Ciling	2	"	7	"
8	Feet Sun shades, including painting	15	"	120	"
				285	"
	Sundries			14	"
Total of Estimate Rupees					299

Rupees Two hundred and ninety nine only.

Signed/ H. R. Mead Captain. R. E.

Executive Engineer, Bangalore

By order

Signed/ H. R. Meadham Captain

Dy. Asst. 2nd Lt. General

Edmond Lieut. Col. R. E.

Superint. Engineer 5th Div.

Ex: Engineer's Office Bangalore
25th February 1868

5th Division B. G. M.

Bangalore

DN. 1323/68

Abstract Estimate for

Dividing of 1st and 2nd streets
for formation of the space
between the walls raised to
height of 10 feet.

Amount of Estimate Rs. 158-0-0

of 1323/68

MilitaryBangalore.New Work.Abstract Estimate of 1868-69.

Work.—Blocking up the passages and archways and opening a door and gateway in the lower portion of the old Infantry Barracks, Bangalore.

Quantities	Description of works	Rate	Per	Amount	Total
254½	Kenshing down wall	"	2 ½	3	
232½	Excavation for foundation	"	1 ½	1	
232½	Foundation stone in Chunnam	"	2 6 ½	36	
736¾	Brickwork in Chunnam	"	2 9 ½	126	
10.69	Plastering with Chunnam	"	2 8 ½	27	
12.00	Blue washing two coats	"	4 ½	3	
39	½ ft of coping	"	5 ½	12	
20	½ ft of cornice works for Gate Pillars	"	4 ½	5	
1	Battered door with frames and other works &c complete	18	"	Each	18
1	Pair of gates with iron works &c complete	60	"	"	60
15	Stones in Bridge	2	"	Each	30
96	½ ft of Roadway	2	"	½ ft	2
1.75	Painting with verdigris	6	"	½ ft	11
	Removing rubbish and lime stone				3
					337
	Sundries				13

Total of Estimate Rupees— 350

Rupees Three hundred and fifty only.

Signed/ H. B. Mead Captain R.E.
Executive Engineer, Bangalore

Ex: Engineers Office
Bangalore
24th February 1868

For order
Signed/ H. B. Mead Captain
By H. B. Mead General.

Edmond Lieut Col. R.E.
Superintd Engineer S. D.

Dec. 1323/68

Estimated Amount for
opening the lower portion of
the lower portion of the
old Infantry Barracks
at Bangalore.

Amount of Estimate Rs. 350-0-0

Amount of Estimate Rs 35000

Estimated Estimate for
 Altering the terminal of the Work Shop
 connected with the main road and
 the present terminal, situated at the
 end of the main road, Bangalore.

No. 1323/KS.

5th Division B. P. M.

Bangalore

5th Division B. P. M.

Bangalore

New York

Abstract Estimate for 1868-69.

Work. — Altering the terminal of the Work Shop attached to Sappers and Miners.

Quantities	Description of work	Rate	Per	Amount	Total	
48	Removing and refixing the Stone Posts	"	4	Each	12	
6	Stone Posts including fixings	2	8	- Do -	15	
6	- Do - Do - Do - Do -	2	4	- Do -	16	
8-2-8 $\frac{1}{4}$	Cubic feet of dealwood	3	8	6 $\frac{1}{2}$	204	
260	Rafter nails	"	"	6	Each	8
28	Squares of Roofing with Teak rafters, walls, 3 courses of flat tiles and well plastered	15	5	1 $\frac{1}{2}$	432	
5-60	- Do - of Dismantling the eaves and replacing them	5	"	- 3 -	28	
	Dismantling the present summers, rafters and replacing them	"	"	"	7	
	Sundries				30	

Total of Estimate Rupees 458

Rupees four hundred and fifty eight only.

in Engineer's Office
 on 12th March 1868

Signed: J. C. Haynes Captain, R.E.

Executive Engineer Bangalore

Signed: W. A. Mearns Captain

Asst. Commr. General

Edw. and Lieut. Col. R. C.

Superintd. Engineer 5th Div.

17
New work

Abstract Criminal Records.

1000. — Chingalee, in. P. 2, recalcitrant. Agave 1500. Black Peace House.
Bancroft & Bancroft.

Description of Work	Rate	Per	Amount	Sub-t.
Chimney 1st section with Brackets	2	4	"	Each 54 12 .
Chimney Brackets with Brackets	1	"	"	Each 39 " .
Chimney 2nd section	"	12	"	Each 58 8 .
Chimney 3rd section				30 9 .
				221 13 .
Chimney including Plastering and Removing Rubbish				11 3 .
Total's Estimate Bricks				233 " .

Three hundred and thirty three only.

Signed: H. B. Head Captain, U.S.
Executive Engineer, Bangor

By order

Signed: M. B. Nesbitt Captain

Dr. Hottel & Co. General

Edw. Lindholm, Jr.

Superint'g Engineer S. F. Dow.

Spec. Engineering Office, Bangalore
15/11/1956
15th Nov. 1956

Don't

Division 10.6.6

Dr. 1323/58

of the land which he
offered the remainder of his work
deep interest to day and
evening.

Amount of Estimate of \$5,155--

14

New York

Bangalore.

Abstract Estimate for 1868-69.

Work. — Constructing a Verandah and making Alterations in the Cook House for New
Barracks Barracks Bangalore.

Quantities	Description of work	Rate	Per	Amount	Total
141	Cubic feet of Excavation	1	6 1/2	1	
46	— of Foundation stones in Chumam	2	6 —	12	
123	— of Basement, — of —	2	6 —	19	
192	— of Superstructure bricks in Chumam	2	9 —	33	
6	Squares of Plastering with two coats of Chumam	2	8 —	15	
6	— of Whitewashing — of —	3	—	1	
2 31/100	— of Flooring with granite slabs 3" thick bedded in sand and pointed with Chumam	10	—	24	
141	Cubic feet of Filling in 'basement' in close	14	6 1/2	1	
45	— of — — — in distance	2	—		
30 135/100	— of Teakwood wrought and put up	3	8 —	108	
6	No of Stone Plates under breaststimmers	4	Each	2	
13	Running feet of Stones for Steps	3	8 1/2	2	
1	Pair of Balloned Doors with frames and iron works complete	26	Each	26	
4	— of — — Windows with frames and iron works complete 3x5	15	—	60	
34	No of Nails 7 inches long	7	—	1	
3 1/100	Squares of Bengal Terrace with keepers, nails, four courses of flat tiles and 3 coats of Chumam plaster	19	—	58	
2 55/100	— of Black paint	2	—	5	
2 72/100	— of Wood oiling two coats	2	—	6	
	Cost of removing a Grant's Cooking Range from the 16 th Lancer Barracks, fixing the same including chimney, complete in the Cook House for New Dragoon Barracks			150	
	Carried over			524	

Carried over _____ 524

Children & Youth

1

Pin. 1323/68.

Directed to the
 Secretary and others, when received,
 to be transmitted to the
 Secretary of the Navy, for
 the use of the Navy.

Shirley's Journal 233-4

1000

5th Division B.C. & N.

Barro Colorado

Doc. 1323/68

Abstract Estimate for
Constructing a bench and
taking attention in the Court
House for New England Bench
Bangalore.

Amount of Estimate \$25,560.00...

En
J

Public Works Department.

1378

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 4th May 1868.

Read the following

From The Supt Engineer to Govt. (Here enter No. 3 dated 7th April 1868)

The Estimate for the first of the works enumerated in para 1 of this letter will be forwarded to the Govt of India. Those for the other works are sanctioned.

Appropriations aggregating Rs. 1966 are sanctioned from the Reserve under "Military" to meet the outlay on items 2, 3 and 4. Funds for the other works will

Refer to the Railways Dept.

Full M. 1228

P.M. 1868. 22nd May 1868. No. 1323. The Supt Engineer to Govt. 5th Division. The Secretary to Government.

Submitted

Order of the Secy to Govt. 1868.

7th May 1868.

Enclosure 1868.

Expenditure for construction of gun boating sheds for the use of the Government and for the other works at Bangalore.

10/10/2

20th June 1868 A.M.

Signature

1-27-80
As provided by the
Superintending Engr.

27

W.H.

So
The S. Engr. & the
3 " Acct. Genl.
4 " Cont. Stor.
5 " Hel. Engr. 10/10
Recd. 3.5.80 42

Two
to the Engr.

P. W. 186 . Department.

No.

PROCEEDINGS OF GOVERNMENT.

Dated

1379
29

1379

To

The Secretary to the
Government of India
P.W.D.

Sir.

I am directed
by His Excellency the
Governor in Council
to forward for the sanc-
tion of the Govt. of India
the accompanying plan
and estimate amounting
to Rs. 3000 for the con-
struction of two grain
boiling sheds for an-
nualty on the River
Cauvery at Bangalore.

W.D.

4/1

Funds

2. Funds for the
works are provided
in Part II of the Current
Year's Budget -

3. I am to add
that this Govt. have
not yet received a standard
design for gram boiling
sheds -

Fort St. George
1st May 1868

[Signature]

Recd 5/5/8 with no
plan, one Estimate & one
specification

62-63-
Sub: Works 1868 (Department)

Pro: Govt for May

No. 1378 & 1379

Pro: of the Madras Govt.

Dt 4th May 1868

Passing orders on
estimates amounting to Rs 6000
for Military works on the Race
course at Bangalore?

Requesting the Govt.
of India to sanction some
of the above estimates.

No 62-63

c. 20 April 1868 (A-2115)