

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referee _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	3477	Press
		Mk.
Dated	7/11/11	18/11/11

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th November 1868.*

No. 97. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Salem, 19th October 1868, No. 132:—

- 2 Plans.
- 1 Estimate.
- 1 Specification.
- 1 Copy of Committee's Report.

1. With reference to G. O., No. 679, of the 7th March 1867, and paragraph 3 of G. O., No. 3,210, of the 12th instant,

I have the honor to forward, for the sanction of Government, an estimate of Rupees 13,080, accompanied by plan and specification, for a new Slaughter-house at Bangalore.

2. In the preparation of the design, the principles laid down in the Government of India's Circular, No. 26 of 1865, communicated in G. O., No. 1,191, of the 3rd May 1865, and the suggestions of a Committee assembled on the 24th March 1868, by order of the Major General Commanding the Division, have been kept in view as far as possible.

3. There is no provision made for the work in the current year's Budget, but it is entered in my Bangalore Budget for the ensuing year.

4. The plan has been approved by His Excellency the Commander-in-Chief.

Proceedings of a Committee assembled at Bangalore on Tuesday the 24th of March 1868, by order of Major General F. P. Haines, Commanding Mysore Division, for the purpose of considering the question of a site for a Slaughter-house and other matters connected therewith.

PRESIDENT.

Colonel MacDONELL, Commanding 27th N. I.

MEMBERS.

J. G. INGLIS, Esq., C. B., M. D., Dy. Insp. Genl., B. M. S.
Captain MAYNE, R. E., Executive Engineer.
Captain MESHAM, Dy. Asstt. Qr. Master General, Mysore Division.
Captain HEWETSON, Sub-Asstt. Commissary General.

1. The Committee consider that the north bank of the sewer, at about 150 yards from the old Madras road and to the east of it, would be an excellent site for a slaughter-house. They would recommend the slaughter-house and shed for dressed meat, connected by a covered passage, being placed on the bank of the channel; the sheds for animals to be kept in for a few hours previous to slaughter being built 200 or 300 feet to the north. A road to the slaughter-house enclosure along the drainage channel.

It should be capable of containing twenty beasts and fifty sheep. A fodder yard necessary, as cattle cannot be fed within the smell of blood; should, however, be at a distance from the slaughter-house for some time previous to slaughter, and it be considered an advantage to slaughter-house, an eligible site for a store-yard would be found on the rising ground at a distance of 400 to 700 yards.

Provision should be made for the supply of water to the slaughter-house; any extensive supply should be taken from the Ulsoor Water Works, about 1,100 yards off, pipes being laid for

the neighbourhood should be built for the Station Butcher.

*Proceedings of the Madras Government, Public Works Department,
7th November 1868.*

5. The paving of the sewage channel should be continued to a distance of 150 feet beyond the slaughter-house.

(Signed) G. G. MacDONELL, Colonel, President,
Commanding 27th N. I.

(„) J. G. INGLIS,
Dy. Insp. Genl., B. M. S.

(„) J. O. MAYNE, Captain, R. E.,
Executive Engineer.

(„) W. R. MESHAM, Captain,
Dy. Asst. Qr. Master General, M. D.

(„) G. HEWETSON, Captain,
Sub-Asst. Comy. General.

(Signed) F. P. HAINES, Major General,
Commanding Mysore Division.

No. 98. ORDER THEREON, 7th November 1868, No. 3,477.

MILITARY WORKS, No. 9.

1. In compliance with the instructions contained in G. O. No. 3,210, of the 12th October 1868, the Superintending Engineer of the 5th Division submits a plan and estimate for a Slaughter-shed and Yard at Bangalore.

2. Colonel Foord explains that the design has been prepared in accordance with certain suggestions of a Committee of Military Officers assembled at that station, and that the principles which have been laid down by the Government of India have been kept in view as far as possible.

3. His Excellency the Commander-in-Chief having approved of the plan, the Government sanction the estimate of Rupees 13,080, and authorize the entry of the work in the Budget of 1869-70.

(True Extract.)

Colonel, R. E.,

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

Exd. S. T. Augustin.

May 1865,
a Committee
the March 1868,
order of the Major General Commanding the Division, have been kept in view
as

N^o. 132

Suppl. Office, 5th Div.
Salem, 19 October/68.

From

The Superintg. Engineer,
5th Division

To

The Secretary to Government
S.P.W.

Sir,

Enclosures 5.

2 Plans.

1 Estimate.

1 Specification.

1 Copy of Committee's
Report.

With reference to G. O. N^o 679
of the 7th March/67, and para 3 of
G. O. N^o 3210 of the 12th instant,
I have the honor to forward,
for the sanction of Government,
an estimate of Rupees 13,080, accom-
panied by plan, and specification
for a new Slaughter House at Banga-
lore.

2 In the preparation of the design,
the principles laid down in the
Government of India's Circular
N^o 26 of 1865, communicated in
G. O. N^o 1191 of the 3rd May 1865,
and the suggestions of a Committee
assembled on the 24th March/65,
by order of the Major General Command-
ing the Division, have been kept in view
as

as far as possible.

3. There is no provision made for the work in the current year's Budget, but it is entered in my Bangalore Budget for the ensuing year.

4. The plan has been approved by His Excellency the Commander-in-Chief.

I have the honor to be
Sir

Your most obedt servt

E A Ford Lt Col R.E.

Sup Engineer, 5th Bn.

Division D. M.

Bangalore

Abstract Estimate of 1905-06

Work. — Constructing a slaughter house in Bangalore

Quantities	Description of works	Rate	Per	Amount	Total
<u>Shed for cattle.</u>					
1920	Cubic feet of Excavation	1	6ft	10	
1920	— Do — of Foundation stones in chumams	2	6 — Do —	300	
2562	— Do — of Baseament — Do —	2	6 — Do —	40	
3112	— Do — of substructure brick in chumams	2	9 — Do —	535	
259	Running feet of Cornices wood — Do —	4	— Rft —	65	
123	Cubic feet of Framework — Do —	4	— Cft —	106	
53 ⁴¹ / ₁₀₀	Squares of Plastering out and inside with two coats	2	8 — Sqr —	134	
30 ⁷⁵ / ₁₀₀	— Do — of Whitewashing inside	3	— Do —	6	
22 ⁷⁵ / ₁₀₀	— Do — of Bluewashing outside	4	— Do —	6	
840	Cubic feet of Filling in Baseament	1	14 Cft	1	
17 ⁴⁶ / ₁₀₀	Squares of Graveling	1	— Sqr —	17	
28 ³² / ₁₀₀	— Do — of Roofing with Teak rafters, mule, flat and pans tiles and chumam borders ~~etc~~ complete	18	— Do —	510	
276.11-6	Cubic feet of Teak wood wrought and wood put up	3	8 — Cft —	969	
102	Nails 6 inches long	—	6 Cask	16	
27 ²⁵ / ₁₀₀	Squares of Wood siding two coats	2	— Sqr —	55	
88	Running feet of Woodwork including longi- tudinal and cross frames, painting, fittings, nails ~~etc~~ complete 4 feet high	1	8 — Rft —	132	
Carried forward				2900	

Brought forward			3990
Sundries	at	cost	
Total			3990

House for a Native

698	Cubic feet of Excavation		
698	— Do — of Foundation stone in chunam	2 6	109
288	— Do — of Basement	2 6	10
1550 1/2	— Do — of Superstructure brick in chunam	2 9	106
54	— Do — of Archwork	4	14
98	Running feet of Cornice work	4	25
22 1/2	Squares of Plastering out and inside with two coats	2 8	55
11 7/10	— Do — of Whitewashing inside	5	2
10 2/10	— Do — of Bluewashing outside	4	3
3 20 1/10	— Do — of Flooring with granite stone slabs bedded in sand and pointed with chunam	10	32
424 7/10	Cubic feet of Filling in Basement	1/4	1
6	Squares of Flooring with hair reapers, walls, flat and pan tiles and chunam borders & complete	18	108
48-1-8	Cubic feet of Teak wood wrought and put up	3 8	168
196	Nails 6 inches long	6	6
4 1/10	Squares of Wood oiling two coats	2	9
2	Brickwork (3 x 6) fittings & complete	18	36
2	— Do — windows (3 1/2 x 3)	10	21
1 1/10	Squares of Red painting	2	3
Sundries			43

Total 3990

Slaughter House, Meat Shed and a Passage between them.

231 1/2	Cubic feet of Excavation	1	12
Brought forward			12

3990

Brought forward			12	3990
231 1/2	Cubic feet of Foundation stone in chunam	2 6	6 1/2	361
302	— Do — of Basement	2 6	— Do —	47
3161	— Do — of Superstructure brick in chunam	2 9	— Do —	543
368 7/10	— Do — of Archwork	4	— Do —	92
209	Running feet of Cornice work	4	— Do —	52
53 6/10	Squares of Plastering out and inside with two coats	2 8	— Do —	134
33 3/10	— Do — of Whitewashing inside	3	— Do —	6
20 3/10	— Do — of Bluewashing outside	4	— Do —	5
724 1/2	Cubic feet of Filling in Basement	1/4	6 1/2	1
27 7/10	Squares of Flooring the passage with granite stone slabs bedded in sand and pointed with chunam	10	— Do —	28
13 88 1/10	— Do — of Flooring the Meat Shed and Slaughter House with Asphalte	20	— Do —	278
23 1/10	— Do — of Roofing Meat Shed and Slaughter House with teak reapers, nails, flat and pan tiles and chunam borders & complete	18	— Do —	417
3 6/10	— Do — of Bengal terrace with reapers, nails, 4 courses of flat tiles and 3 coats of chunam plastered & complete	19	— Do —	57
265-1-2	Cubic feet of Teak wood wrought and put up	3 8	6 1/2	928
434	Nails of 6 inches long	6	Each	14
96	Running feet of iron bar over roosts for Meat Shed including 2 diameters	8	— Do —	48
58	No. of Hooks with rings	8	Each	29
103 1/2	Running feet of V shaped Drain (8 x 18) in Meat Shed and Slaughter House & wall	6	— Do —	39
23 88 1/10	Squares of Wood oiling two coats	2	— Do —	48

Brought forward 3139 3990

Brought forward			2,270
Surveys	at 5	Cent	
Total			2,270

Perimeter wall and Gate

1135	Cubic feet of Excavation			
1135	Do. of Foundation stone in chumam	2	6	12
283	Do. of Basement	2	6	12
2790	Do. of Superstructure brick in chumam	2	9	18
22	Running feet of Caricework		2 1/2	6
50 6 3/4	Squares of Plastering out and inside with two coats	2	5	10
8 1/2 1/2	Do. of Whitewashing inside	2		2
42 1/2	Do. of Bluewashing outside	4		10
1	Gate Chuties (12 feet broad 5 feet high) with iron nails strong iron hinges, butts & oldest in stone high, stable, lock, iron wheel, handle ring, stones 6x3 bedded in concrete for the wheel to turn over including check stones complete	54	Each	54
Surveys	at 5	Cent		44
Total				2,300

Well

233 7/8	Cubic feet of Excavation		1 1/2	49
1122	Do. of Stone Pavement	2		140
57 2 1/8	Do. of Pavement stone in chumam	3		107
52 1/2	Do. of Tapered brick in chumam	2	9	9
1 2 1/2	Squares of Plastering with cement	2	12	3
4 3/4	Do. of Pointing	2		9
2	1st of stone Posts each 8 1/2 x 1 1/2	5	Each	10
	Tea wood frame 10x6x9 with 1 Pulley and other iron works etc complete	15		15
	Add 20 per cent for baling water			68
	Carried forward			410
				5,230

Surveys	at 5	Cent	
Total			

Drain

10370	Cubic feet of Excavation			
5185	Do. of Concrete	2	6	12
1170 1/2	Do. of Brick work in chumam	2	9	18
24 1/2	Squares of Plastering with 3 stone slabs in chumam and pointing to inside	11		268
7 1/2 1/2	Do. of Plastering with cement	2	12	206
10370	Cubic feet of Filling outer side of Drain (in close)		1/2	14
4575	Do. of Do. from distance	2		48
				3,402
Surveys	at 5	Cent		178
Total				3,580

Road

21760	Cubic feet of Earthwork		1 1/2	170
180	Squares of Graveling 6 inch well watered and rammed	1		180
				350

2. Tunnels

921	Cubic feet of Excavation		1 1/2	5
224	Do. of Foundation stone in chumam	2	6	124
160	Do. of loose stone	1	6	15
80	Do. of Concrete flooring	2	6	13
622	Do. of Superstructure hammer dressed stone in chumam	2	9	141
60	1st of Covering stones	1	4	83
7 1/2	Squares of Pointing with lime putty	2		14
	Carried forward			965
				12,250

Sundries

5 Martins Boards

7 Inventory &c

Executive Engineers Office
Bangalore, 25th July 1868.

For and Sentd. B.S.
Executive Engineer S. B.

and
covered
of the Cha

Proceedings of a Committee Assembled at
 Bangalore on Tuesday the 24th of March 1868
 by order of Major General F. P. Haines Com-
 manding Mysore Division for the purpose
 to for a
 connected

Mysore Division D. P. H.

Bangalore.

P. H. 4052/68.

Abstract Estimate for
 Constructing a Slaughter House
 in Bangalore.

Amount of Estimate Rs 13080

1st A. J.

D. Dy
 enal
 ial Service
 neer

enal. M. D.

nel.
 the north
 wls from
 east of it
 ighter house.

the slaughter house
 connected by a
 covered road on the bank
 of the channel, and for animals to

P.N. 868 Dept.
of Public Works
from Mr. 4052.
The Superintending Engineer
5th Division.

The Secretary to
Government
B.P.W.

Dated 19th 3 Oct/68.
Recd. 20 3

No 132.

Enclosures 5.

Forwarding for sanction
an estimate of Rs. 13,080
for a new slaughter house
at Bangalore.

P. 3477 7 Nov/68

A. 97

e. 23 Dec 16/68 Ch. 29.4

Proceedings of a Committee assembled at
Bangalore on Tuesday the 24th of March 1868.
by order of Major General F. P. Haines Com-
manding Mysore Division for the purpose
of considering the question of a site for a
slaughter house and other matters connected
therewith.

President

Colonel. McDonnell

Commanding 27th A. I.

Members

J. G. Inglis Esquire C. B. M. D. Dy
Inspector General

British Medical Service

Captain Mayne R. E.

Executive Engineer

Captain Merham

Dy Asst Dy M^r General. M. D.

Captain Hewetson

S. A. Com^r General.

The Committee consider that the north
bank of the river at about 150 yards from
the Old Madras road and to the east of it
would be an excellent site for a slaughter house.
They would recommend the slaughter house
and shed for dressed meat connected by a
covered passage being placed on the bank
of the channel, the sheds for animals to

be kept in for a few hours previous to slaughter being built 200 or 300 feet to the North. A road to the slaughter house enclosure should be made along the drainage channel.

2 The sheds should be capable of containing 20 beasts and 50 sheep. A fodder yard is not considered necessary, as cattle cannot be fed within the smell of blood. Should however it be decided to feed the cattle for some time previous to slaughter and it be considered an advantage to stable them near the slaughter house an eligible site for a store yard would be found on the rising ground to the North at a distance of 400 to 700 yards.

3 A good well should be made for the supply of water to the slaughter house. Any extensive flushings could be managed from the Ulsoor water works about 1100 yards off, pipes being laid for the purpose.

4 A Quarter in the neighbourhood should be built for the station butcher.

5 The paving of the sewage channel

should be continued to a distance of 150 feet beyond the slaughter house.

Signed of G. I. McDermott Col. President

Commanding 27th N.I.

J. G. Inglis.

By Insp^l Genl B. M. S.

J. O. Mayne Capt R.E.

Sec: Engineer

W. R. Meehan Capt.

By A. D. M. General M.D.

G. Hewetson Captain

Sub. Asst. Comd^g General

Signed of J. P. Meehan Major General
Commanding Mysore Division

Members

True Copy

W. R. Meehan.

Captain R.E.

Executive Engineer Bangalore

Proceedings of the Madras Government

Under date the 7th October 1868

Read the following

From the Asst Engineer to the Secy to Govt No 132 dated 19th Oct/68

In compliance with the instructions contained in G.O. No 3210 of the 12th October 1868, the Superintending Engineer of the Sd. Co submit a plan and estimate for a slaughter shed and yard at Bangalore.

Colonel Ford is pleased that the design has been prepared in accordance with certain suggestions of a Committee of Military Officers assembled at that station and that the principles which have been laid

W.D.

A.S.

Enclosure in letter No 132 dated 19th Oct/68 from the Asst Engineer to the Secy to Govt No 132 dated 19th Oct/68

copy

down by the Govern-
ment of India have
been kept in view as
far as possible.

Vide G. O. No. 1191 of
3rd May 1865.

His Excellency the
Commander in Chief
having approved of the
plan, the Government
sanction the Estimate
of Rs. 13,080 and autho-
rize the entry of the work
in the Budget of 1869-70.

AR

do

on

lee

for

hor

flor

san

of 1

re

in

Co. *Ca 4102*
of 11868 Madras.

PUBLIC WORKS

Eugene

Ca. 7000 No 3677

Nos *97 & 98*

Madras and Gen. at Bonga

1/1/1