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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 10

17-18

Dated 3. 1

Press
Mis.

18/6/8.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd January 1868*

No. 17. Read the following Proceedings of the Right Honorable the Governor General of India in Council, (Public Works Department,) dated Fort William, 7th December 1867 :—

No. 1174. .

OFFICE MEMORANDUM.

Military Department, Fort William, the 30th November 1867.

With reference to the extract from the Public Works Department, No. 1,121M, dated 15th October 1867, regarding the alleged insufficiency of the width of 8 feet for the stalls in the standard plan of hospital stables for large Australian horses, the undersigned is directed to inform the Secretary in that Department that the Government of India in the Military Department considers it inexpedient to sanction any alteration in the present standard plan which was fixed upon after very mature deliberation on the part of the most experienced Veterinary and Commanding Officers of Cavalry Regiments of this presidency, who have had much to do with Australian horses.

(Signed) W. M. LEES, Major,
Asst. Secy. to the Govt. of India.

To the Secretary to the Government of India, Public Works Department.

No. 1,282 M.

Copy of the foregoing forwarded to the Government of Madras in the Public Works Department for information, with reference to its No. 2,732, dated 5th September 1867, the estimate received with which is herewith returned.

By order,

(Signed) C. H. DICKENS, Colonel, R. A.,
Secretary to the Government of India.

No. 18. ORDER THEREON, 3rd January 1868, No. 10

MILITARY WORKS, No. 2.

1. Communicated to the Superintending Engineer of the 5th Division, with reference to the Order of the 5th September 1867, No 2,731.

2. Colonel Foord will submit a revised estimate for the proposed Cavalry Hospital stables, prepared in strict accordance with the standard design circulated with G. O. No. 3,986, of the 18th December 1866.

(True Extract.)

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

To the Superintending Engineer, 5th Division.

.. Accountant General.
.. Controller of Public Works Accounts.
.. Military Department.

Exd. F. R. Bantleman.

Fifth Division D.P.W.

Bangalore

Specification to accompany Plan and Estimate
for constructing Six Stables for Cavalry on the
Race Course Barracks Bangalore.

Amount of Estimate Rupees 18600

The foundation and Basement to be of stone
in chumam and the Superstructure and Cornice
works of brick in chumam; The Horizontal and vertical
dimensions of the walls and piers to be those written
on the plan.

The walls to be plastered with two coats of chumam
both inside and outside and whitewashed on the
inside and bluewashed on the outside.

The Piers of the verandah to be of brick in chumam
built with wall bricks with bond stones at every
3 feet (the piers to be $1\frac{1}{2}$ feet square) and plastered
with coats of chumam and whitewashed.

The roof of the building to be of flat and pan-
tiles with chumam borders with teak wood rippers
supported on teak wood Principal rafters, purlins
and common rafters. The scantling of the various
timbers of the roof are marked on the plan.

The Principal rafters 37 feet $\times 4\frac{1}{2}$ " $\times 7\frac{1}{2}$ " to be placed
over the centre of each pier and to support also the
ridge ventilator at top as shown in the Plan.
The wall plates and breastsummers to be of the
scantling mentioned on the plan and to be placed
over

over the walls for rafters to rest upon. The common rafters to be $1\frac{1}{2}$ feet apart from centre to centre and firmly fixed each to other at top end and to project 1 foot clear beyond the bressummers at the other.

The principal rafters to be firmly screwed together with stout iron screws at the points where they cross, and the rafters of the ridge ventilator to be supported by purlins ($3 \times 4\frac{1}{2}$) resting on the ends of the principal rafters, cleats to be screwed to the principal rafters to support these purlins. The ends of the rafters of the ridge ventilator (which are to be $1\frac{1}{2}$ feet apart from centre to centre) to be firmly screwed together at the ridge. Working drawings shewing the arrangement and mode of fixing this part of the work will be furnished to the Contractor on application to the Executive Engineer.

The Centre passage, Surgery and Office rooms, and the portion of the verandah facing these two rooms to be floored with stone slabs of a minimum thickness of 3 inches set in sand and pointed with Chumam and the remainder of the building throughout to be floored with gravel 6" thick watered and well rammed. The surface of the ground inside of the Stables to be raised with earth to a height of one foot from the ground at the inner end and stopped flush to the other before the graveling is commenced.

Four strong battened doors 6×8 and fine pannelled doors 4×8 and four battened windows

with iron barred frames $2\frac{1}{2} \times 3\frac{1}{2}$ with frames hooks, bolts and hinges complete, and strong iron padlocks and staples for the doors, to be provided and fixed in the building in the positions marked on the plan.

The whole of the rafters, purlins, doors, windows, door frames, window frames, and the other wood work of the building to be coated with two coats of wood oil.

The whole of the ground covered by the building is to be levelled by the removal of superfluous earth and filling up of hollows before the building is commenced, so that the top of the basement of every part of the building may be on the same level.

The excavation for foundation is not to be commenced until the levelling has been completed to the satisfaction of the Executive Engineer.

The earth removed in excavating the foundation to be used in the building wherever necessary, and the remnant earth to be carried away and deposited at such place as the Executive Engineer shall direct.

Every thing necessary for the neat and workmanlike completion of the building to be provided, whether particularly mentioned in the Specification or not.

All materials and workmanship employed to be of the best description and subject to the approval of the Executive Engineer, who shall have

the power of ordering the removal of any work with which he is dissatisfied.

Ec. Engrs Office
Bangalore
1st June 1867

(Signed) John Punginck Leull RH
Executive Engineer
Bangalore

Ed. Mord Leull Col. R.E.
Superintending Engineer

Specification to accompany
Plan and Estimate for construction
of 12 Stables for the Carriage
on the Race Course Bangalore
Bangalore
1867 8/104
Amount of Estimate Rs 1860

1867 8/104
1867 8/104
1867 8/104

Bangalore

John Punginck Leull D.P.M.

5th Division D.P.M.

Bangalore

New Work

Mohier's Estimate No 1867.68.

Work — Constructing 12 Stables for Carriage Race Course
Bangalore Bangalore.

Quantity	Description of work	Rate	Per	Amount	Total
16940	Excavation	1 1/2	88		
15471	Foundation stone in chunam	2 1/2	2417		
19002	Brick work in chunam	2 9	3266		
2555	Brick work	4	639		
140	Plaster of cornice	4	35		
300 1/2	Plastering two coats with chunam	2 8	750		
257 1/2	Plastering	3	772 1/2		
40	Plastering	4	12		
1733 1/2	Plastering	3 5	6068		
40	Stone plates over Piers	4	12		
129 1/2	Roofing with teak rafters, nails flat and pan tiles with chunam borders 500 complete	18	2338		
187 1/2	Ridge Ventilator teak rafters, repsi, nails, flat & pan tiles with chunam borders 500 complete	3 12	727		
21 1/2	Plastering with granite slabs bedded in sand and pointed with chunam	10	215		
89 1/2	Graveling 6 inches thick	1 8	134		
5048	Leveling and filling the ground covered by the building	2 1/2	53		
440	Nails 9 inches long	7	12		
320	Nails 7 inches long	9	21		
	Carried over				16834

Brought forward 16834

1/2	Sqrs of Honey Comb work	8	1/2	4
12	Rings with iron clamps to be fixed to the			
	sliding bars	1	6	12
48	Do fixed in stone blocks to tie Arches	2	do	96
44	Bamboos 14 feet long	6	2 1/2	17
48	Do 8 1/2 feet	4	do	12
4	Pairs of Battened doors 4x8 with frames and			
	iron work complete	48	do	192
5	Do of Pannelled doors 4x8 with frames and			
	iron work complete	40	do	200
4	Do of Battened windows 2 1/2 x 3 1/2 with iron			
	bars frames and iron work complete	15	do	60
152	Sqrs of wood lining all wood work of the			
	roof, doors and windows &c complete	2	172	304
1	Massina Board	5	1	5
2	Inventory Boards	1	do	2
				17736
	Sundries			862

Total Rupees 18000

Rupees Eighteen thousand & six hundred only

Exc. Engineer's Office
Bangalore
4th June 1867

Wd: John Pennycook Esq
Executive Engineer Bangalore

Edmond Esq Esq
Superintg Engineer

*Present copy of the extract from the Public Works Department
for William
Public Works Dept 7th December 1867*

No. 1174.

OFFICE MEMORANDUM

Military Department, Fort William, the 30th November 1867

With reference to the extract from the Public Works Department, No. 1121M, dated 15th October 1867, regarding the alleged insufficiency of the width of 8 feet for the stalls in the standard plan of hospital stables for large Australian horses, the undersigned is directed to inform the Secretary in that Department that the Government of India in the Military Department considers it inexpedient to sanction any alteration in the present standard plan which was fixed upon after very mature deliberation on the part of the most experienced Veterinary and Commanding Officers of Cavalry Regiments of this Presidency, who have had much to do with Australian horses.

W. L. S. Major
Asst. Secy to the Govt. of India.

To THE SECRETARY TO THE GOVERNMENT OF INDIA
PUBLIC WORKS DEPARTMENT

No. 1175 To the Quarter Master General.

*Copy of the foregoing forwarded to the Govt. of Madras
in the P.W. Dept for information with reference to No. 1121 dated
5th Sept 1867, the estimate received with which is herewith returned.*

Exd H. de Silva.

By order
Colonel P. A.
Secretary to the Govt. of India

*6250 8/11/14
Amount of Rs 1000
for Garrison on Price
of Garrison
Construction of stable for
Garrison Garrison
Garrison Garrison*

Handed over

5th December 1867

*(No 1121/1867)
10/11/15*

11/11/14

11/11/14

14. 22/10
 Secy of Govt. Secy
 No 4815/

From
 The Secy. of the Govt.
 of India.

D/ 4. 9. Decr 1917
 No 19-3-10
 Secy 2
 No 10-3-10
 No 1232/10

1. Command to the Chief Engineer
 of the S. Bz, with reference to the order
 of the S. Bz, No 2731-
 2. Colonel Ford will submit a
 revised estimate for the proposed
 Cavalry Hospital Station, proposed site at
 accordance with the standard design
 circulated with G.O. No 3986, of the 18th Aug 15.
 10. 11/18.

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