

(1) Number of pages

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(3) Initials of the Referencer

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2087	Press
B.P. No.		Mis.
Dated	23-7-1955	1875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23rd July 1875.*

Read the following papers :—

No. 550. Proceedings of the Madras Government in the Military Department,
dated 6th January 1875, No. 50.

ABSTRACT.—Approving with certain modifications the proposed Code of Regulations for Madras Native Army Schools.

No. 551. Proceedings of the Madras Government in the Military Department,
dated 22nd March 1875, No. 1,361.

ABSTRACT.—Communicating the sanction of the Government of India to the adoption of the Code of Regulations proposed for Native Army Schools in the Madras Presidency, and directing the publication of the Code in pamphlet form.

No. 552. ORDER THEREON, 23rd July 1875, No. 2,087.

MILITARY WORKS, No. 16.

COMMUNICATED to District Engineers
for guidance together with a copy of the
standard plan, specification and estimate
of quantities.

(True Extract.)

Major, R.E.,
Offg. Joint Secretary to Government

To District Engineers.
To the Controller of Public Works Accounts
„ Consulting Architect
„ Military Department

Edw D C Shunkor
Byro Copies

3

Specification to accompany Estimate for constructing a Native Regimental School

Excavation—Foundation to pillars to be excavated to a depth of 3 feet and a depth of 1½ feet to screen walls between pillars, or to such other depth as may be necessary, to be watered and tamped well to a good level

Foundation—Pillars to be of burnt brick in clay 3 feet deep, or to such other depth as may be necessary, and built in footings of 1½ feet each. The footing courses will be carried up in two steps with an offset of 3 inches on either side, breadth of foundations to be 3 feet and 2½ feet respectively. Foundation to screen walls to be 1½ feet deep by 2½ feet broad, to be of puddle

Basement—Pillars to be of burnt brick in clay 1 foot deep and 2 feet thick. Basement to screen walls to be of puddle 1 foot deep and 2 feet thick

Superstructure—Pillars 1½ feet thick to be of brick in clay. Screen walls between pillars to be of puddle (consisting of two parts sand and one part good clay), height 7½ feet below bressummer. The interior and exterior of brick-work to be pointed with chunam, and the whole to have two coats of whitewash

Roofing—To consist of jungle-wood (well seasoned), coupled rafters, hip rafters and rafters, bressummer and reapers to be fastened with suitable nails and covered over with pantiles and chunam ridge. Rafters to be set 1½ feet apart from centre to centre, and reapers 3 inches from centre to centre, the bressummer to be halved and bolted together at the angles, and the hip rafters notched into them

Flooring—To be of broken brick jelly in mud, well watered and rammed, and plastered with one coat of cow-dung

Doors and Windows—To be of good seasoned jungle-wood, doors to be battened, with hinges, bolts, &c. Windows battened, with wooden bars, and hinges, bolts, &c, complete

Detailed Estimate for constructing a Native Regimental School for 100 Pupils

MEASUREMENTS				Contents	Particulars
No.	Length.	Breadth	Depth		
	FT IN	FT IN	FT IN	FT IN	
12	6 0	3 0	3 0	618 0	Pillars <i>Excavation</i>
2	3 0	3 0	3 0	54 0	Do
10	10 6	2 6	1 6	391 9	Puddle walls
2	7 6	2 6	1 6	56 3	Do do
2	6 0	1 0	0 6	5 0	Steps
				1,157 0	Cubic feet, or 43 cubic yards of excavation for foundation
					<i>Brickwork</i>
12	6 9	2 9	3 0	569 3	Foundation to pillars
2	2 9	2 9	3 0	45 4½	Do. to do
2	6 0	1 0	0 6	6 0	Do to steps
12	5 0	2 0	1 0	120 0	Basement to pillars
2	2 0	2 0	1 0	8 0	Do to do
12	4 6	1 6	7 6	607 6	Superstructure to pillars
2	1 6	1 6	7 6	33 9	Do to do
2	4 6	1 0	0 6	4 6	Steps
				1,393 4½	Cubic feet of brick in clay

Detailed Estimate for constructing a Native Regimental School for 100 Pupils — (Concl'd)

MEASUREMENTS				Contents	Particulars
No	Length	Breadth	Depth		
	FT IN	FT IN	FT IN	FT IN	
10	11 0	2 6	1 6	412 6	Puddle Wall
2	8 6	2 6	1 6	63 9	Foundation to screen walls.
10	11 6	2 0	1 0	230 0	Do to do
2	9 6	2 0	1 0	38 0	Basement to do
10	12 0	1 6	7 6	1,350 0	Do to do
2	10 6	1 6	7 6	236 3	Superstructure to do
				2,330 6	Do to do
2	4 0	1 6	6 6	78 0	Deduct doors
14	3 0	1 6	4 0	252 0	Do windows.
				330 0	
				2,000 6	Cubic feet of puddle wall.
12	9 0	..	7 6	810 0	Painting
2	3 0	..	7 6	45 0	Pillars
2	1 2	..	13 0	30 4	Do.
1	63 0	..	1 0	63 0	Sides of doorway
				918 4	Basement to pillars
					Square feet of pointing to pillars with chunam.
1	192 0	..	7 6	1,410 0	Whitewashing
1	204 0	..	7 6	1,530 0	Interior walls
1	206 0	..	1 0	206 0	Exterior do.
				3,176 0	Basement
2	4 0	..	6 6	52 0	Deduct doors
14	3 0	..	4 0	169 0	Do windows.
				220 0	
				2,956 0	Square feet of white-washing.
8	16 6	13 0	..	1,716 0	Roofing.
4	11 0	13 0	..	572 0	Main
				2,288 0	Lnd
					Square feet of roofing with jungle-wood.
					coupled rafters, hip rafters, rafters, bressummers and reapers, pan tiles, chunam ridge, &c
1	77 6	14 6	..	1,123 9	Flooring
	4 0	..	6 6	2	Square feet of flooring of brick jelly in mud
	3 0	..	4 0	14	and plastered with cow-dung
					Batten doors of jungle-wood
					Do windows with wooden bars do

Abstract Estimate for constructing a Native Regimental School for 100 Pupils

Quantities	Particulars	Rate	Per	Amount	Total
		RS A P		RS A P	RS A P.
43	Cubic yards of excavation for foundation	0 2 0	C yd	5 6 0	
1,393 1/2	Cubic feet of brick in clay	10 6 8	100 C ft	145 2 6	
2,000 1/2	Do of puddle wall	3 2 0	Do	62 8 3	
948 1/2	Square feet of pointing with chunam	0 14 0	Square ...	8 4 9	
2,956	Do of whitewashing	0 3 0	Do ..	5 8 8	
2,288	Do of roofing with jungle-wood, coupled rafters, hip rafters, rafters, bressummer and reapers, pan tiles, chunam ridge, &c	25 0 0	Do ...	572 0 0	
1,124	Do of flooring of brick jelly in mud and plastered with cow-dung	2 4 0	Do	25 4 7	
2	Jungle-wood batten doors	12 8 0	Each	25 0 0	
14	Do batten windows with wooden bars	5 8 0	Do	77 0 0	
	Furniture	..	..	..	926 2 9
	Total estimate	..	..	..	273 13 3
					1,200 0 0

MADRAS,
29th June 1875.

Major, R E.,
Offy Joint Secretary to Government

7-

*Proceedings of the Madras Government, Military Department,
22nd March 1875.*

Schools—Native Army.

Read the following letter:—

No 405. From Colonel H. K. BURNE, Secretary to the Government of India, Military Department, to Colonel A. C. SILVER, Secretary to Government, Military Department, Fort Saint George; dated Fort William, 11th March 1875, No. 601. (*Schools—Native Army*)

I am directed to acknowledge the receipt of your docket,* No. 51, dated 6th January 1875, and to acquaint you, for the information of the Right Honorable

* Three plans returned as requested
the Governor in Council, that the Government of India sanction the adoption of the Code of Regulations therein proposed for Native Army Schools in the Madras Presidency.

No. 406. ORDER THEREOF, 22nd March 1875, No. 1361.

Communicated to His Excellency the Commander-in-Chief and Departments concerned, with reference to Proceedings of Government, No. 50, dated 6th January 1875.

2. The approved Code of Regulations will now be printed in pamphlet form, and 100 copies supplied to the Adjutant-General for distribution.

(True Extract.)

W. L. ...
Secretary to Government.

To the Adjutant-General

- „ Quartermaster-General.
- „ Controller of Military Accounts.
- „ Educational Department
- „ Public Works Department, with three plans. & 20 plans copies.
- „ Supervisor, Government Press,
with Code of Regulations.

Ed. A. Ralt.

8: VR 1875 ~~xx~~ M.

Mo: 1959

Obol. of 1875 of 1875

MILITARY.

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MAJOR.

FOR 400 153.

86. Mo: 2009. 22225

W. 1875 Sep

Obt. of 1875
No. 290.
MILITARY.

THE ADJUTANT GENERAL

113

NO. 113

SATURDAY
NOV. 41-70.

Approved, with the force of a General Order,
The Adjutant General

Sb. No. 207. 22-775.

With Order

Specification to accompany Estimate for Constructing a
Native Regimental School—

Excavation—Foundations to Pillars to be excavated to a depth of 3 ft. and a depth of 12 ft. to screen walls between pillars, or to such other depth as may be necessary, to be watered and tamped well to a good level—

Foundation—Pillars to be of burnt brick in clay 3 ft deep, or to such other depth as may be necessary, and built in footing of 12 ft. each—The footing courses will be carried up in two steps with an offset of 3 inch on either side, breadth of foundations to be 3 ft. and 2 1/2 ft. respectively—Foundation to screen walls to be 1 1/2 ft deep by 2 1/2 ft. broad, to be of Ruddle—

Basement—Pillars to be of burnt brick in clay 1 ft deep & 2 ft thick—Basement to screen walls to be of Ruddle 1 ft deep and 2 ft thick—

Superstructure—Pillars 12 ft thick, to be of brick in clay—Screen walls between pillars to be of Ruddle (consisting of 2 coats sand and 1 part good clay) height 7 1/2 ft below pressure—The interior and exterior of brickwork to be pointed with Chumam and the whole to have 2 coats of white wash—

Roofing—To consist of jungle wood (well seasoned) Capped rafters, Hip rafters & purlins, pressure & ties to be fastened with suitable nails & covered over with Pan tiles & Chumam ridge—Rafters to be set 12 ft apart from center to center & purlins 5 inch from center to center, the pressure to be halved & bolted together at the angles of the hip rafters—Notched into them—

Flaring—To be of broken brick jelly in mud, well tamped & plastered with one coat of lime—

Doors and Windows—To be of good seasoned jungle wood, (Doors to be battened with hinges, bolts &c—Windows battened with wooden bars, and hinges, bolts &c complete—

Govt. Little: to be built
Govt. Little: to be built
Madras 29th June 1875
P. H. Little

Major. P. E.
Madras copy to Govt. P. W. A.

Sb. No. 207. 22-775

Communicated to District Engineer
for guidance, together with a copy of the
estimated plan of expenditure and
estimate of amount to be
paid

550
22-775

(Detailed Estimate for Constructing a Native Regimental School - for 100 Pupils - 135

Measurement
No. of Cubic ft. Particulars

12	6	3	3	6	5	Pillars
2	3	3	3	3	3	do
10	12	2	1	2	2	Brick walls
2	7	6	2	6	3	do do
2	3	1	6	5	3	Steps

1157 Cubic ft. Foundation for Foundation
43 Cubic ft. Foundation for Foundation

12	5	2	2	2	3	Foundation to Pillars
2	5	2	2	2	3	do do
2	5	1	6	8	3	do do
2	5	2	1	2	3	Basement to Pillars
2	4	8	1	6	3	do do
2	1	6	1	6	3	Superstructure to Pillars
2	1	6	1	6	3	do do

1093 Cubic ft. Brick in Clay

10	11	2	2	2	3	Foundation to Screen Wall
2	8	2	2	2	3	do do
10	11	2	2	2	3	Basement do
2	9	2	2	2	3	do do
10	12	2	2	2	3	Superstructure do
2	10	2	2	2	3	do do

2330.6
78.7
2330.6
330.6

2000 Cubic ft. Saddle Wall

12	9	7	6	5	10	Pillars
2	3	7	6	5	10	do
2	1	7	6	5	10	do
1	6	7	6	5	10	do

948.3 Square ft. Painting to Pillars with Chuan

White washing.

1	192	7.6	1440	Interior Walls
1	204	7.6	1530	Exterior do
1	206	1	206	Basement
				<u>3176</u>

2	4	6.6	52	Reduct Doors
14	3	4	168	do Windows
				<u>220</u>

2956 Square ft. White washing

8	16.6	13	1716	Main
4	11	13	572	End

2288 Square ft. Roofing with Jungle wood, Coupled Rafters, Hk Rafters, Rafters, Brusses, & piers, Pautiles, Chumam ridge &c.

1	77.6	14.6	1123 1/2	Square ft. Plastering of Brick walls inside & plastered with Cimentum
4		6.6	2	Batten Doors of Jungle wood
3		11	14	do Windows with wooden bars

Abstract Estimate for Constructing a Native Regimental School for 100 Pupils.

Quantities

Particulars

Rate Per Quantity Total

43	Cubic Yards Excavation for foundation	2	62	56
1393 1/2	Cubic ft. Brick in clay	10	68	11526
200 1/2	do Mortar Wall	3	2	6283
948 1/2	Square ft. Plastering with Chumam	16	49	819
2956	do White washing	3	do	588
2288	do Roofing with Jungle wood, Coupled Rafters, Hk Rafters, Rafters, Brusses, & piers, Pautiles, Chumam ridge &c.	25	do	572
1124	do Plastering of Brick walls in front & plastered with Cimentum	2	4	2547
2	Jungle wood Batten Doors	13	5	25
14	do Batten Windows with wooden bars	58	do	77
				<u>9262 1/2</u>

Furniture 273 1/3

Total Estimate Rs. 1200

For the Architect.
For the Engineer.
Madras 29 June 1875.
P. H. B. S.

Majir. P. E.
Under Secy to Govt. P. W. D.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the

Read the following —

No. of the Madras Govt in the
Military Department — (P. L. No. 50 of 6th Jan 1875)
do — do — do — (.. 1361-22nd March -)

Communicated
to District Engineer for
guidance together with a
copy of the Standard Plan
specification and estimate
of quantities.

In

60 Copies of Plan
14 S.C. of Order &
14 S.C. of At. Dkt.
Specification to the
Mty. Dept. 1872-8-75
28

S.C. Dispo. 2-8-75

To Dist. Eng. —
(Controller of Ordnance 4 S.C. & 4 copies of Plans)
for Architect — 2 — do — do
14. Mty. Dept. 60
copies of Plan

135
13
3
3
4

290
1959

Govt. of HS75: Judica
PUBLIC WORKS.

✓
M. H. Myers.

Detail: 15-5-15
Level: 11-1-1
Level: 11-1-1

25 July 1957

5581 - 552

Code of Regulation, proposed
for Native Army, School
in the Indian Presidency
Brija in the early 18th century
with certain modifications
Command to the King for
Guidance together with a
Copy of the Standard Plan,
Classification & Details
of the same.