

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1933 (W) Press
Mis.

Dated 4-12-1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

4th December 1877, No. 1,933 W.

Buildings and Roads.

Military Works.

Read the following paper :—

No. 47. From Major P. MONTGOMERIE, R.E., Officiating District Engineer, Presidency, to the Chief Engineer, Public Works Department, dated Fort St. George, 6th June 1876, No. 1,192.

I HAVE the honor to submit for instructions the plan and estimate, amounting to

Two Plans.

One Abstract Estimate, Rupees 10,000.

„ Specification.

„ Copy of approximate Estimate.

„ Copy of District Engineer's No. 837, dated 20th May 1876.

Three Original letters from Inspector-General of Ordnance and Magazines.

* This Office No. 837, dated 20th May 1876.
Inspector-General of Ordnance and Magazines
No. 884, dated 23rd May 1876.

Do. do. No. 1,002, dated 31st May 1876.

Do. do. No. 1,040, dated 3rd June 1876.

Rupees 10,000, for constructing a new story on the quarters of the Commissary of Ordnance, Fort St. George, which I have had prepared in strict accordance with the Orders of Government, No. 3,000, dated 27th October 1875, together with the correspondence as per margin* between this office and the Inspector-General of Ordnance on the subject, and the original plan and approximate estimate proposed by Colonel Goddard.

2. Colonel Cadell's proposal to have the upper story on a level 4 feet 9 inches higher than in my plan with a verandah

all round the front would, of course, be an immense improvement, but this would run up the amount of the estimate to more than I considered myself justified in doing, and besides the Arsenal is only one foot higher than the level on which I propose constructing the new floor. The offices of the Accountant-General and Quartermaster-General are both so lofty that a few feet one way or the other would make very little difference so far as they are concerned.

3. I have therefore the honor to request you will let me know at an early date whether I am to prepare the estimate in accordance with the further demands of the Inspector-General, retaining the two lower stories for the use of offices, or to submit a detailed estimate on Colonel Goddard's plan by which the lowest story only would be available for shot and shell as also suggested by Colonel Cadell.

No. 48. ORDER THEREON, 4th December 1877, No. 1,933 W.

HIS GRACE the Governor in Council sanctions the plan and estimate of Rupees 9,220 for constructing a second story to the quarters occupied by the Commissary of Ordnance in Fort St. George for immediate execution.

2 PUBLIC WORKS DEPARTMENT, 4TH DECEMBER 1877, No. 1,933 W.

2. The necessary funds have been appropriated for the work in G.O., No. 1,866 W, of 29th November 1877.

3. This sanction has been registered as Imperial No. 87 B of 1877-78.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Presidency.
" Examiner of Public Works Accounts.
" Military Department.

10567 of 1876-77.

2

Specification to accompany the Estimate for constructing a Second Story to the Quarters occupied by the Commissary of Ordnance Fort Saint George, in accordance with G.O. No. 3000 of 27th October 1875 and District Engineer No. 2898 of 28th August 1876.

Amount of Estimate Rupees 8330—

1. The accommodation provided in the 2nd Story will consist of front sitting room. Back sitting room, 2 Bed rooms, 2 Dressing rooms, 2 Bath rooms, and Verandah.
2. The dimensions will be as shown in the plan and Estimate and the materials used will be of the best description in accordance with the rates allowed in the Estimate.
3. A teakwood Stair case will be constructed for reaching the 2nd Story inside the building and 2 teakwood ladders will be put up to afford access to the Bath rooms from the outside.
4. All the windows will be provided with Sun Shades.
5. The joints and beams will be painted with 3 Coats of Carsons white; the doors & windows with 3 Coats of Carsons green outside and 3 Coats of Carsons lead color inside.

Zinc

6. Zinc spouting will be provided around the building to carry off the water from the roof.

Fort Saint George
24 March 1877.

H. W. Baddley Lieut. R.E.
Assistant Engineer
Fort Range.

W. Thompson Major R.E.
District Engineer
Residency.

10507 of 1876-77.
Estimate for constructing a Second Story to the Quarters
occupied by the Commissary of Ordnance Fort Saint George, in
accordance with G.O. No. 3000 of 27 October 1875.

Detail of work.	Number	Measurement in feet.			Area or Contents	Total Quantity of each description of work.
		L	B.	D.		
Second Story, or 2 nd Floor.						
Superstructure.						
Main walls for back sitting and bed rooms.	2	72	1.	6 16	3156	✓
End walls to — ft — ft.	2	18.	6	1. 6 16	888	✓
Inner cross walls to — ft — ft.	2	18.	6	1. 3 15. 3	705 ⁵ / ₁₆	✓
Front wall for sitting room.	1	11.	9	1. 6 16	1002	✓
End walls for — ft — ft.	2	16.	9	1. 6 16	801	✓
Side walls of the bath, dressing and landing rooms.	11	29.	3	1. 6 16	2808	✓
End walls for — ft — ft.	2	13.	3	1. 6 16	636	✓
Inner cross walls for — ft — ft.	2	13.	3	1. 3 15. 3	505 ³ / ₁₆	✓
Arcade walls	2	7.	6	1. 6 12. 6	281 ¹ / ₄	✓
Side walls under the columns.	6	1.	6	1. 6 3	110 ¹ / ₂	✓
Spindly walls, on the terrace above.	2	18.	3	1. 6 1. 6	82 ¹ / ₈	✓
— ft — ft	1	39	1.	6 1. 6	87 ³ / ₄	✓
— ft — ft	2	13.	3	1. 6 1. 6	59 ³ / ₈	✓
— ft — ft	2	13.	3	1. 3 1. 6	119 ¹ / ₁₆	11405 ⁷ / ₁₆ .
Deductions.						
For Doors	}	21	5	1. 6 10	1575	✓
— ft — ft		2	11	1. 6 8	96	✓
— ft — ft		1	11	1. 3 8	110	✓
— ft — ft		11	3.	6 1. 6 7	117	✓
					1858	11405 ⁷ / ₁₆ .

Detail of work.

Number	Measurement in feet.			Area or Contents	Total Quantity of work.
	L	B	D		

Windows				1858	11105 7/16
Arch ways	9	1-6	1-6	7	125 1/4
Flat Arch.	2	5	1-6	7	105
Over the Doors	21	7	1-6	1-3	245 7/8
do	2	6	1-6	1-3	22 1/2
do	1	6	1-3	1-3	9 3/4
Over the windows	11	5-6	1-6	1-3	11 1/4
Arch work.	9	6-6	1-6	1-3	109 7/16
Over the arch ways	2	10	1-6	1-3	37 1/2
					288 1/16

Total Brick work in Mortar					852 1/4
Flat arch work in Churns					158 7/16
Circular arch work in Churns					37 1/2

Columns					
Masonry columns including 3 binding stones in each column	10	7	1 1/2	1	42 B.F.
Cornice					
Interior cornice for front sitting room	1	111	5		111
do for back do	1	100	5		100
do for bed rooms	2	72	5		144
do for dressing rooms	2	56	5		112
For outer cornice					338 B.F.

Serraco					
For front sitting room	1	10-3	18	5	726 1/2
For back sitting and bed rooms	1	70	20	5	1400
For bath and dressing rooms	2	30	15	5	900
Total Serraco Complete					302 1/2
Ornamental roof					
For Verandah	1	10	12	5	180
					180

Detail of work.

Number	Measurement in feet.			Area or Contents	Total Quantity of work.	Quantity of description of work.
	L	B	D			

For sides to Verandah	2	11-6	12	5	276	
Total Ornamental roof complete					756 S.F.	14 S.F.
Plasterwork						
Front side on the upper story		136				
For open space		10				3 1/2
For 2nd story over the terrace		332				1
Total Plasterwork Running feet					508	

Chustering						
Exterior walls	1	338	15	5	5070	
Interior walls of front sitting room	1	111	14-3	5	1581 1/4	50
do of back do	1	100	14-3	5	1425	
do of Bed Rooms	2	72	14-3	5	2052	
do of Dressing & landing do	2	56	14-3	5	1596	51
do of Bath Rooms	2	50	15	5	1500	1322 1/4
						16 S.F.

Deductions						
For Doors						
do	2	15	5	10	1050	
do	3	5	1	8	96	
do	1	3	6	7	98	
For windows	9	1-6	7	5	283 1/2	
For archways	2	5	8	5	80	160 1/2
Total Chustering the walls					1161 1/4	

Flooring						
For front sitting room	1	38-9	16-9		619 1/4	
For back do	1	31-6	18-6		582 3/4	
For Bed rooms	2	17-3	18-6		638 1/4	
For Dressing and landing rooms	2	11-9	13-3		390 7/8	
For Bath Rooms	2	13-3	11-9		311 3/8	
					2572 1/16	

Detail of work.

Detail of work.	Number	Measurement in feet.			Area or Contents	Total Quantity of each description of work.
		L.	B.	D.		
For door spaces.	21	5	1	6	30	257 1/2
Do.	1	3	6	1	6	21
Do.	3	1	1	6	6	18
For windows	9	4	6	1	6	110 1/2
For Verandah	1	39	9	6	6	370 1/2
For do. sides	2	10	7	6	6	150
Total flooring						3329 13/16

Wood work.

Doors for front sitting room.	1	18	9	9	11	65.7.6
do. for back do.	2	20	6	10	15	12.8.6
do. for Bed room	2	19	6	10	15	10.7.6
Pressumner for verandah.	1	11	5	8	11	1.8.3
do. for do. sides	2	12	6	5	8	6.11.1
Joists for front sitting room	12	10	9	3	5	50.11.3
do. for back do.	13	33	6	3	7	63.6.1 1/2
do. for Bed room	26	20	6	3	6	66.7.6
do. for Dressing and Stair case room	22	15	3	3	6	11.11.3
do. for Bath Room.	18	15	3	3	7	10.4.2
Hip rafters for verandah.	2	17	1	6 1/2	6	1.8
Rafters.	18	12	3	5	22	6
do.	11	10	3	5	11	7
Jack Rafters	12	5	3	5	6	3
do.	10	6	3	5	6	3
Burlin.	1	27 1/2	6	2	22	8

Total cubic feet

508.8-8.1

Detail of work.

Doors (Half framed half ventious).

Doors with frames and iron fittings.

21	5	10	1050
3	1	8	96
1	3	6	98

Windows.

Ventious window shutters with frames

and iron fittings.

Glazed for west side.

Teak wood Ladder.

2 Ladders.

Stair case.

Teakwood stair case complete.

Sun Shades.

Teakwood Sun Shades with joists and

flanks, also tarring 2 coats complete.

Plano.

Granite stones 2 line dressed

Paint work.

Doors of front room.

do. for back sitting room.

do. for Bed room.

do. for Stair case room.

Pressumner.

do.

Joists

do.

do.

do.

do.

do.

do.

Detail of work.	Number	Measurement in feet.			Area or Contents	Total Quantity of each description of work.
		L.	B.	D.		
Doors (Half framed half ventious).	21	5	10		1050	
Doors with frames and iron fittings.	3	1	8		96	
do.	1	3	6		98	1244.55
Windows.						
Ventious window shutters with frames and iron fittings.	9	4	6	7	253 1/2	253 1/2
Glazed for west side.	1	4	6	6	10 1/2	10 1/2
Teak wood Ladder.	2	15	3		90	90
2 Ladders.						
Stair case.	1	30	5		150	150
Teakwood stair case complete.						
Sun Shades.						
Teakwood Sun Shades with joists and flanks, also tarring 2 coats complete.	9	6	6	6	351	351
Plano.	1	16				16 88
Granite stones 2 line dressed						
Paint work.						
Doors of front room.	4	16 3/8	3 3/8		201 3/4	
do. for back sitting room.	2	18 1/2	3 3/8		121 7/8	
do. for Bed room.	2	17 1/2	3 3/8		118 1/2	
do. for Stair case room.	1	14	2 3/4		38 1/2	
Pressumner.	1	40	1 3/4		70	
do.	2	12	1 3/4		112	
Joists	12	38 3/4	1 1/4		581 1/4	
do.	13	31 1/2	1 1/4		511 7/8	
do.	26	18	1 1/4		585	
do.	22	15	1 1/4		112 1/2	
do.	10	9	1 1/4		112 1/2	
do.	18	13 1/4	1 1/2		357 3/4	
						3159 7/8

Brought forward of		2839 14 7
508 R.F.	Open parapet walls and plastering 3 Coats Chumam.	12 R.F. 381 . . .
116 1/2 sq.	Plastering walls 2 Coats Chumam.	2 12 . Sq. 320 6 .
33 1/2	Flooring with 3" concrete and plastering timber	5 . . . 166 4 .
509 C.F.	Stakemount and put up.	3 1 S.C.F. 1558 13 .
12 1/4 S.F.	Half framed, half venetian, frames of	1 . . S.F. 12 1/4 . .
283 1/2	Venetian frames of	1 1 . " 301 3 6 .
10 1/2	Glass for w. side.	12 . . 78 . . .
90 S.F.	Teakwood ladders for reaching bath rooms and top of house with side board planks, iron bolts & complete.	1 . . . 90 . . .
150 S.F.	Teakwood stair case with rise side board planks & turned pairs wood oil complete.	2 . . . 300 . . .
351	Teakwood Sun Shades, joints, planks 2 Coats tar & complete.	8 6 S. 186 7 6 .
16 ex.	Granite stones for beams & base dressed.	3 . . e 48 . . .
Carried over of		7514 . 7

Brought forward of		7514 . 7
Paint work.		
37 1/2 sq.	Carsons white 3 Coats joints & beams	2 15 . Sq 110 2 6 .
26	Carsons lead color 3 Coats for the doors and the windows inside	2 15 . " 76 6 . .
26	Carsons green 3 Coats D ^o D ^o outside	3 11 . " 84 8 . .
Sprouting.		
322 R.F.	Zinc sprouting 1/2" D ^o iron clamps & .	7 3 R.F. 145 14 6 .
	Painting charges & high scaffolding	399 . 5 .
Total Paper		8330 . 1/2

Fort Saint George.
27th March 1877.

H. C. Barkley Lieut. R.E.
Assistant Engineer
Fort Bangalore.

Resident Engineer
Residency

Received
20-3-77.
14-8-77

17098

From
The Assistant Engineer
Great Bays.

Q-1 of 1876.44.

Dated 17 March 1877.

Commissionary of Ordnance Quarters
Forwards Estimate of Papers 8330/
for Constructing a Second Story to the
—, Fort Saint George.

No 508 of 1876.77.

Specification to accompany the Estimate for minor alterations
the 1st Story of the Commissary of Ordnance Quarters to convert
them into Public Offices. vide G.O. No 3000 of 27 October 1875.
and DE No 2898 of 28th Aug 1876

Amount of Estimate Papers 940—.

1st— The Semi terraced roof of the Bath rooms on
the East and West are to be removed also the roof
the Main room.

2nd— Two Bath rooms with terraced roof will be
constructed on the East and West as shown in the plan,
and the roof of the Main room will be lowered so that
when the 2nd story is added the heights of the different
rooms will be symmetrical.

3rd— The Doors of the dressing Main, and
Stair case rooms will be blocked up so as to effectually
divide the Office accommodation from that of the Comm.
missary of Ordnance.

4th— The Bath rooms will be provided with
windows and doors as shown in the plan and of the
description, and dimensions given in the Estimate.

5th— Only 11 new joints will be required as it
is intended to utilize the whole of the old beams & joints.

The

6. The doors and windows will be painted with
3 coats of Carsons green.

1709/17

Fort Saint George
27th March 1877.
H. C. Baddley Lieut R.E.
Assistant Engineer
Fort Rango.

[Signature] Major R.
District Engineer
Residency

22.3.77
H.

10508 of 1876-77.
Estimate for minor alterations to the 1st Storey of the
Commissary of Ordnance Quarters to convert them into Public
Offices, in accordance with G.O. N^o 3000 of 27th October 1875.
and D.E. No 2890 of 28th Aug 1876.

Detail of work.	Number.	Measurement in feet.			Area or Contents	Total Quantity of each description of work.
		L	B.	D		
Second Storey 1 st Floor.						
<u>Demostrating.</u>						
Removing semiteraced roof of the bath rooms	2	15	11	.	1,20	1,20 SF.
Side and cross walls of main room.	1	10 1/2	1	9 5	910	"
D ^o D ^o of bath room.	2	10 1/2	1	11	885 1/2	1795 1/2 SF.
Removing terrace, and lowering beams and joists of main room.	1	3 1/2	21	.	71 1/2	71 1/2 SF.
<u>Brick in chunam.</u>						
Blocking up door of dressing room.	1	1. 7 1/2	1	8. 6	39 3/4	"
D ^o D ^o of main room.	3	5. 6	1	10. 6	173 1/4	"
D ^o D ^o of Stair Case.	1	1. 7 1/2	1. 1 1/2	8. 6	51	"
D ^o D ^o of D ^o	1	5. 3	1. 1 1/2	10. 3	71	"
Side and cross walls of the bath rooms.	2	10. 3	1. 9	11	197 1/4	"
					2312 13/16	"
<u>Deductions</u>						
For doors	2	3. 6	1. 9	7	85 1/4	"
For windows.	2	1. 3	1. 9	7	101 1/8	"
<u>Flat arch.</u>						
Over the doors	2	5	1. 9	1. 3	21 7/8	"
Over the windows.	2	6	1. 9	1. 3	26 1/4	"
					238.	"
Total brick work in mortar						2071 13/16 CF.
<u>Flat arch.</u>						
Flat arch work in chunam.	"	"	"	"	"	48 1/8 CF.

6- 36	Detail of work.	Number.	Measurements in feet.			Area or Contents	Total Quantity of each description of work.
			L	B	Th		
From #4 27	<u>Carriage.</u>						
	Carriage work in chunam int.						
	cluding plastering of complete	"	"	"	"		88 Running feet.
	Terracing with bricks on edge						
	jelly 3" thick and plastering						
	3 Coats to ceilings.						
	Bath rooms.	2	11.6	12.	.	31.8	x
	Main rooms.	1	31.	21.	.	711	x
	Total.					1062	or 10 7/8 Sq. ft.
	<u>Plastering.</u>						
	Interior walls.	2	37 1/2	15 1/4	.	1136	x
	Exterior walls.	2	15 1/2	15	.	1357 1/2	x
	Blocking doorways	2	10	8 1/2	.	170	x
	Doors	3	11	10 1/2	.	316 1/2	x
	Windows	1	10 1/2	10 1/2	.	107 3/4	x
	Total plastering 2 Coats.					3117 3/4	or 31 Sq. ft.
	<u>Doors.</u>						
	Pattern doors with frames hinges						
	and bolts of complete	2	3.6	.	7	19	119 SF.
	<u>Windows.</u>						
	Ventilation windows with frames						
	iron bars of	2	1.3	.	7	59 1/2	59 1/2
	Timber						
	Beams	2	20.6	.	10	15	
	Joists. } all restored used.	9	33.6	.	3	6	
	Joists new.	1	33.6	.	3	6	16.9
	Total Lark wrought and put up					16.9	CEX

Detail of work.	Number.	Measurements in feet.			Area or Contents	Total Quantity of each description of work.
		L	B	Th		
<u>Carsons Green paint 3 Coats.</u>						
Pattern doors.	2	3 1/2	.	1 1/2	98	x
Ventilation windows.	2	1 1/2	.	21	178	x
Flow Bars.					3 1/2	x
					310	or 3 1/8 Sq. ft.

Fort Saint George
27
March 1877.

H. C. B. A. S. L. S. R. E.
Assistant Engineer
Fort Rangoon.

Mr. Thomas M. J. R. H.
District Engineer
Residency

Checked
21-3-77.
Comptroller
14-3-77.

2769/1177

No 503 of 1876-77.

11

Abstract Estimate for minor alterations to the
1st Storey of the Commissary of Ordnance Quarter to convert
them into Public Offices in accordance with G. O. No 3000 of
27 October 1875. and District Engineer A 2898 of 28 August 1876.

Quantity	Particulars.	Rate				Amount			Total.		
		Supers.	Arms	Pies	Per	Supers.	Arms	Pies	Supers.	Arms	Pies
	Upper Storey 1 st Floor.										
	Cook's hire.										
4 1/2 sq.	Removing semi-terraced roof of Bath Room.	1	8	.	Sq.	6	4	10	x		
1795 1/2 CF	Enclosing walls of main & Bath rooms.	"	.	6	CF	56	1	9	x		
7 1/2 sq.	Removing terrace as per plan and Specification of main rooms.	2	8	.	Sq.	17	13	.	x		
	Brick work in chunam.										
2075 CF	Bricks in chunam.	"	2	4	CF	335	.	5	x		
	Flat arch work.										
48 1/2	Arch work in chunam.	"	3	1	.	10	.	5	x		
	Cornice work.										
88 R.F.	Cornice work in chunam of plastering.	"	1	.	R.F.	22	.	.	x		
	Terracing.										
10 3/4 sq.	Terracing with brick on edge in chunam. jelly 3" thick and plastering 3 coats chunam to ceiling.	15	.	.	Sq.	168	10	9	x		
	Plastering.										
31 sq.	Plastering walls 2 coats chunam.	2	6	.	.	73	10	.	x		
	Doors.										
49 SF	Parten. frames. folding hinges &c.	"	13	9	SF	112	1	9	x		
	Carried over					731	10	11			

Brought forward of

Upper Story 1st Floor (continued).
Windows

Windows

59½ S.F. Venetian, frames, iron bars of -
Timber

Timber

16 3/4 CF. ^{Timber} Scale wrought and put up.

Saint work.

3 $\frac{1}{8}$ sq. Carsons green, 3 Coats. — Paint war
Gumpies. —

Supplies.

731 10 in

1. 108 SF 99 28 ✓

3	1.	CF.	.51	119	x
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3	11	10	26	5
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114	112	1
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Total Pages.

940

Front Saint George
 21st March 1844. 3.

L. C. Baddley Lieut. R. E.
Assistant Engineer
Fort Ransom.

Postmaster Map. Bk.
District Engineer
Pres.

Central Station

25-7-4

20-3-77.

20-3-77.

Compt. C. J.

14-3-77.

N^o 7699

From

The Assistant Engineer
Fort Rango.

N^o of 1876.44.

Dated 17 March 1877.

Ans. 17

Commissary of Ordnance Quarters.
Forwards Estimate of Rupees 940-
for minor alterations to the 1st Story
of the —, to convert them into Public
offices.

En 2.

N^o 7738,

From

The District Engineer
Presidency
To The Chief Engineer
Buildings & Roads.

Sir,

With reference to your Memo
N^o 1148 dated 3 May 1877 I have
the honor to submit for sanction of
Government a Plan and Estimate
amounting to Rupees 9220 for construct-
ing a Second Story to the Quarters
occupied by the Commissary of Ordnance
in Fort St. George which have been
revised with reference to the instructions
contained in the Memo above referred
to and approved of by the Inspector
General of Ordnance and Magazines
and by His Excellency the Command-
er-in-Chief.

There is a sum of Rs. 50,000-
in the current years Budget Imperial

13

Fort St. George
17th November 1877

Enclosures. 8.
1 Plan & Plan.
1 Estimate
1 Specification
1 Plan
2 Estimates
2 Specifications

Imperial Military for the ground
for Poodoopit Lines I have asked
the Collector if he can give up any
portion of this sum for other Military
Works, so that a portion of the allot-
ment may be transferred to this work
if he cannot spend the full amount
before the close of the current of-
ficial year.

The original plans and
estimates received with your Memo
under reply are herewith returned
as ordered.

I have the honor to be
Sir

Your most Obedient Servant

W. Thompson Major B.E.

District Engineer
Presidency

Roads & Buildings

G.O. 3rd May 1876 N^o 1101.
 G.O. 5th Nov^r 1875 N^o 43.
 G.O. 27th Oct^r 1875 N^o 3000
 G.O. 1st May 1874 N^o 1156.
 Milly G.O. 19th June 1871 N^o 1961
 Milly G.O. 18th Nov^r 1870 N^o 3366
 G.O. 16th Dec^r 1868 N^o 3924.
 G.O. 23rd January 1867 N^o 224.
 G.O. 6th July 1866 N^o 2133.

From
 The District Engineer
 Presidency

1 Revised Plan
 1 Estimate of Abstract Estimate of Rs 9220.
 1 Specification
 3 Put up for C.R. 12604/77-E-12-7)

N^o 4738

Dated 17th }
 Received } November 1877

En: N^o 8. S.E.

Company of Ordnance
 Quarters — Submits
 for Sanction of Government
 a Plan & Estimate, amounting
 to Rs 9220, for constructing
 a Second Story to the
 — in Fort Saint George.

Cur 30/11

W

V.S.

PRESIDENCY DISTRICT ENGINEER'S OFFICE,
 Fort Saint George,

6th June 1876.

No. 1192

From

THE DISTRICT ENGINEER,
 PRESIDENCY,

To

THE Chief Engineer,
 Dept. Public Works.

Sir,

Encl^s:
 1. Plans.
 2. Estimate Rs 10,000.
 3. Specifications.
 4. Copy of G.O. No. 837 of 20 May 1876.
 5. Copy of G.O. No. 834 of 23 May 1876.
 6. Original letters from
 Insp. Genl of Ordnance.

I have the honor to submit for instructions the plan and estimate, amounting to Rs 10,000 — for constructing a new storey on the quarters of the Company of Ordnance, Fort St. George, which I have had prepared in strict accordance with the orders of Government No. 3000, of 27 October 1875, together with the correspondence

This Office No. 837 of 20 May 1876.
 Insp. Genl of Ordnance No. 834 of 23 May 1876.
 — do — No. 1002 of 31 May 1876.
 — do — No. 1010 of 3rd June 1876.

as per margin between this Office and the Inspector General of Ordnance on the subject, and the

original plan and approximate estimate prepared by Colonel Goddard.
 2 — Colonel Goddard's proposal to have the upper storey on a level 4' 9" higher than in my plan with a verandah all round the front would of course be an immense improvement

improvement but this would run up the
amount of the estimate to more than I
considered myself justified in doing. ^{And} besides
the Arsenal is only one foot higher than the
level on which I propose constructing the
new floor. The Offices of the Accountant
General, and, Quarter Master General, are both
so lofty that a few feet one way or the other
would make very little difference so far as
they are concerned.

3—I have therefore the honor to request
you will let me know at an early date
whether I am to prepare the estimate in accord-
ance with the further demands of the Inspector
General—retaining the two lower stories for
the use of Offices, or to submit a detailed
estimate on Colonel Goddard's plan by which
the lowest storey only would be available for
shot and shell as also suggested by Colonel
Cadell.

I have the honor to be

Sir,

Your most obedient servant

Thos. W. H. M.

Major R. E.

Offg. District Engineer Pres.

S.O. 37 June 66. No 2252 Mi
 - 23 June 67 - 224. P.W.
 18 Dec 68. 3924
 18 Nov 70 - 2866 Mil
 19 June 71 - 1961 - do.
 27 Oct 75. 3000 P.W.
 3 May 76. 1101. -

P. W. 1876 Department

80-4098

Dated 6th June 1877
 Recd. 8th June 1877
 Submitted for instructions
 Estimate &c. amounting to
 Rs 10,000 for constructing a
 new storey on the quarters
 of the Comdant of Ordnance
 at Fort St George. &c.
 with correspondence.

From,
 The District Engineer
 Presidency
 to
 The Chief Engineer
 P.W.

No 47

Cir - 16.8.76.
 Resp to Cir 5-8-76.

No 16 & R.

No 1933 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 4th Dec 77
 Read the following :-

From the District Engineer } Lt. Col. No 1192 d/6th June 1876.
 Presidency

do do do " 28th April 1877
 do do do " 4738. 17th Nov 1877.

His Grace the
 Governor in Council sanctions
 the plan and estimate of
 Rupees 9,220 for constructing
 a second story to the quarters
 occupied by the Commissary
 of Ordnance in Fort Saint
 George for immediate execution.

2 The necessary funds
 have been appropriated
 for the work in G.O. No.
 1866W of 29th Nov 1877.

P.W. Presidency - Mps 5-
 En. P.W. 2. 5
 Military Dept 15-
 12.12.77
 L. J. L. 4-12-77

This sanction has been
 registered as Imperial No. 8713
 of 1877-78.

1098
Nov 17/87

Govt. of 1877
PUBLIC WORKS.

To the W.C. President

Dated

Issued

Recd.

Encl.

G. O., 1. Dec 1877, No. 1933w

Nos. 47-48

Quarters occupied by the
Commissioners of Ordnance
at Fort George. A number
of immediate attention
to plan and estimate
for constructing a second
wing to the

1 Oct. in P.P.