

(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.	257 (IX)	Press
		~~Mis.~~
Dated	16-6-18	18/7.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS
PUBLIC WORKS DEPARTMENT

16th June 1877, No. 257 W.

Buildings and Roads
Civil Works

Read the following paper —

No. 157. From Major ROSS THOMPSON, R E, District Engineer, Presidency, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Fort St George, 4th June 1877, No 1,282

WITH reference to G O, No 13, dated 2nd March 1877, I have the honor to

One Plan
" Estimate
" Specification
" Site Plan

submit, for sanction and allotment of funds, plan, specification report and estimate, amounting to Rupees 1,320, for constructing a latrine for the use of persons employed in the Light-house, Madras, Administrative Department and approved of by that officer.

2. The site plan called for is also herewith submitted.

No. 158 ORDER THEREON, 16th June 1877, No. 257 W

Heads of Service — Special
Fund — Port
Class — Original Works.
Main-head — Miscellaneous Public Improvement
Sub-head — B, aids to Marine Navigation.
Section — n, Light-houses
Work — Latrine for persons employed at the Madras Light-house
Amount — Rupees 1,320
To be carried out by the Public Works Department

THE plan and estimate of Rupees 1,320 for constructing a latrine for the use of persons employed in the Light-house, Madras, is sanctioned.

2. With reference to Public Works G O., No 100, dated 14th June 1876, the necessary funds are to be provided by the Marine Department.

3 This sanction is registered as Special No. 27 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
" Marine Department.

Exd E C Shunker
Spare Copies

Head of Service - Special
Fund - Port

Class. Original Works

Main-head. Miscellaneous Public Improvement

Sub-Head B. Works to facilitate Navigation

Section II - Lighthouses

~~Project of which the works form part~~

Work. - Salaries for persons employed at the
Madras Lighthouse

Amount. Rs. 1320

To be carried out by the Public Works Department

Print with L.O. No. 207 W of the 15th June 1877-

N^o 47 of 1877/78

8th May 1877

Head of Service - Imperial
Fund - Ordinary

Class - Misc. Public Improvement

Main Head - Civil Building

Sub Head - Light House

Name of work - Constructing a Lathum for the
use of the persons employed in the Light House Madras.
vide District Engineer's 4456 of 15th March 1877.

Amount Rs 1320

To be carried out

Measurements					Description of work	Rate		Per	Amount		
No	to	from	to	from		to	from		to	from	
1	65-8	4-3	1-	279	Left concrete beneath the foundation of wall all round consisting of granite stone set in mortar						
1	65-8	3--	2--	394	Foundations beneath the wall all round						
1	65-8	2-3	2--	295	Lower portion of wall all round						
1	61-8	1-3	7-9	597	Main wall all round						
1	8-3	1--	2--	16	Wall for main dry earth store						
2	5-6	--9	2-6	20	Wall to cistern for urinal tubs						
1	8-9	2--	--9	13	Bed for 200 seats						
1	82-9	--6	1-3	57	Stone parapet wall						
				1388							
1	3-6	2-3	2--	15	Deduct for doorways						
1	3-6	1-3	4-3	18							
				34							
Total 1364					Brick work in chunam						

Carried over 272 10 9

Measurements				Description of work	Rate Per Amount				Measurement	Rate Per Amount				Description of work	Rate Per Amount			
No	ft	in	Area or Content		No	ft	in	Amount		No	ft	in	Amount		No	ft	in	Amount
Brought over																	905 15	
1	61-8	2--	92 1/2	Hydrant stone for lower bearing	272	10	9	✓	2	5-6	2-9	30 1/4	Thick glazed shutter over the skylight complete	1	2	4ft 34	✓	
1	61-8	3-6	108	do over do					1	6-6	3-6	22 3/4	Teak lined door with frame and fittings complete	1	8	34 2	✓	
4	3--	1-3	7 1/2	do under beams					1	15--	7--	105	Front screen doors					
1	5--	2-3	5 5/8	do over doorway					5	5--	7--	175	Swissow - do -					
Total 213 5/8				do 2 lines dressed and set in portland Cement	1	8		6ft 320 7	Total 280				Prime screens with teak frames complete and coats with 2 coats of tar	"	8	140	✓	
1	85--	8ft		Cornice work in chunam including plastering	"	3		15 15					Portland Cement (Exterior walls)					
1	14-2	14-2	200 2/3	Terracing					4	18-8	3--	224	Basement					
1	4--	4--	16	Deduct for skylight					4	16-8	7--	466 2/3	Blau wall					
Total 184 or 1 1/2 type Terracing with bricks on edge in chunam & jelly 3 courses of flat tiles and plastering 3 coats of chunam to the ceiling & top of the terrace				28	"		152 8	✓	1	85--	3--	255	Front Parapet wall					
1	13-8	13-8	186 7/8	or 1 1/2 type Terracing with 3" of stone concrete one course of brick on edge and a layer of 3/4" thick asphalt	47	8		89 1	✓	1	66-9	3--	200 1/4	Parapet wall				
Total 1146 5/8									1	3-6	6-6	22 3/4	Deduct doorway					
2	16-3	1--	24-4-6	Beam					Total 1123 3/8				5	11	29 63 15 9	✓		
10	16-3	--	14-1-3 1/4	Joints					or 1 1/4 type Portland Cement plastering with imitation of stone work as per plan									
8	3--	--	3-4-6	Posts					4	14-2	8-9	495 5/8	Plastering interior walls all round with 2 coats of chunam	2	6	11 14 4	✓	
2	4-6	1-4	1-6	Cross bearing frames					Asphalto									
4	4-9	4 1/2	2-8 3/4	Top frames					2	11--	--	55	Sides of eastern for animal ticks					
1	5-6	1-4	1-11	Wedge Pole					1	8-3	--	41 1/4	Walls of dry earth store					
1	3--	2--	1--	Privy seat					1	2-9	2-9	24 1/6	Privy seat					
Total 47-11-4				Teak wood wrought & put up					Total 120 5/16				or 1 1/4 type Asphalt 3/4" thickness 18	"		22 8	✓	
				Plank					Painting									
24	2--	--	24	Graded Venetian					1	3-6	13--	45 1/2	Door					
4	4--	--	12	Around the side terrace					4	4-9	3--	57	All round the skylight					
2	4--	--	2	Gable ends					2	5-6	2-9	30 1/4	Glazed shutter					
Total 38				Teak plank 3/4" thick complete	22	6		8 8 8	Total 132 3/4				or 1 1/2 barons lead paint 3 coats	2	15	29 4 7	✓	
Carried over																	1216 7 10	
Total 905 15																		

Measurement

Measurements			Description of Work	Rate Per Amount	
No	Q	Area or Content		Rs	As P
			Wood Oil's Brought over	12	16 7 10
2	14-2	2-6 70 9/16	Beams		
10	14-2	1-1 141 2/3	Joists		
Total			212 1/2 or 2 1/8 cyp Wood Oil 3 coats	14	13 9
4	14-3	2-6 142 1/2	For 1 1/2 cyp Tar 2 coats for interior walls all round	12	6
2			Wine tubs	3	6
5			Earth brics	1	5
5			Spans for the Cupple Perry	3	12
12			Charcoal wood for	5	5
1			Large drops for dry earth stone	2	8
1			Teak wood ladder	5	5
1			Excavating foundations		
			filling the basement and leveling ground		5
			Shander		62 3 8

Fort St George
4th May 1877

4th May 1877

Central office

Total Papers 1320 " ✓

Wm. H. Brown Supervisor of the
In charge of Fort Worth Range

In charge of Northern Range

Wm. Lupton

District Engineer
Treas

Checked *W.B.*

W. B.

8/5/74

8/5/77
Comp 2/5/77

2/5/71

P.W.D.

JUN 77

No. 5556

Memorandum
The Engineer & Architect

From

The Superior

In charge of
S. Range

To

Dated 4th May 1877
Recd 25th

Light House Madras

Forward estimate
for constructing a latrine for the
use of the persons employed
in the — No 1320 —

4916: June 77 Rs Rs. 157

Report and Specification to accompany an
Estimate for constructing a Latrine for the
persons employed at the Light House.

Amount of Estimate Rs 1320 —

No Latrine exist any where near
the Light House and the persons employed
have to either go a long way into Black Town
or on the Sea Beach the latter is against the
Municipal sanitary Rules.

The accompanying Estimate and
Plan provides for constructing a latrine in
rear of the Light House.

The exterior facade on all sides is
to be no keeping with the corner Buttress frames
of the Light House.

The foundations will rest on a bed
of Stone concrete.

The Foundations, Basement, and
Superstructure to consist of Brick masonry.

The whole of the flooring to consist
of a layer of concrete with a course of Brick
on edge, over which a layer of Asphalt to $\frac{3}{4}$ " in
thickness.

The roof Terraced. The whole of the
wood work. Teak Light and Ventilators will be
obtained by the skylight in the roof and the
ventilating holes round the Building just in
the lower cornice work.

The screens and doors to them will
consist of Teak wood frames 3" sq covered
on the exterior side with Zinc sheets coated
with

with two coats of Tar.

The Dry earth Boxes to be of teak wood
Coated with Tar same as the Screens.

The Materials to consist of the best
procureable agreeable to the Estimated Rates,
and the Building completed to the entire
Satisfaction of the District Engineer.

For all details please see Plan
and Detail Estimates.

W. Thompson
Superintendent

Fort St George, Madras Range
4th May 1877

B. 15/77

W. Thompson Maj R.E.
District Engineer
Presidency

4th 16th June/77 B. 15/77

P.W.D.

6 JUN 77

5556

101202,

From,

The District Engineer
Presidency

To

The Chief Engineer,
Buildings & Roads.

Sir,

With reference to G.O. No 13 d/2 March
1877 I have to honor to submit for sanction
and allotment of funds plan specification
report and estimate amounting to Rs 1320
for constructing a Latrine for the use of
persons employed in the Light House,
Madras, which have been prepared in
communication with the Master Attendant
Administrative Department, and approved
by that officer.

The site plan called for is also
herewith submitted.

I have the honor to be

Sir,

Your most obedient servant

W. Thompson Maj R.E.
District Engineer
Presidency

Lt Col George
4th 16th June/77
B. 15/77

Ms No 13 of 2 March 1877
No 100 14 June 1876

P.W.D.
No 555

Buildings & Roads.

From,

The District Engineer
Presidency

No 1282.

Dated 4 June 1877

Recd Enclosures, 2

Labour, Light House, Madras

Submits for sanction
an estimate of Rs 1320
for constructing—

Q. & 16 June 1877 J.B.K. 1877

air

Building & Roads
Public Works Department

No 2575
Proceedings of the Madras Government

Under date the 16 June 77

Read the following:-

From the District Engineer Presidency (H.B.N. 1282 dated 4th June 1877)

16

The plan and estimate
of Rs. 1320 for constructing a la-
trine for the use of persons
employed in the Light House,
Madras, is sanctioned.

2. With reference to Public
Works G.O. No 100 dated 16th June
1876 the necessary funds are to
be provided by the Marine De-
partment.

3. This sanction is Regis-
tered as Special No 278/1877
of 1877/78 EAF

H. Presidency
H. P.W.D.
Marine Dept
Depd 23.6.77

W. H. K.

Building & Honor
Cn 5552 Guelm to

Govt. of 1877 Madras.

PUBLIC WORKS.

To The D & Presidency

Dated

Issued

Recd

Encl

G. O. 11/10/77 No 7

MOB. 11/7/77

Letters for use of persons
employed in the Madras
Department. For use in
Shanghai & other places

Entt. in Regt.

on 14/6/77