

(1) Number of pages 14(2) Date of repair 16-9-42

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works
Public Works DEPARTMENT.

G.O. No. 507.

Press
~~Mis.~~

404-406

Dated 19-2-

1864.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
19th February 1864.*

Read the following papers :—

No. 404. From Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Madras, 28th January 1864, No. 4,804.

SIR,

1 Plan.
1 Abstract Estimate.
1 Specification.

1. With reference to the Proceedings of Government No. 3,304, dated 14th November 1863, I have the honor to submit for sanction Plan and Estimate amounting to Rupees 5,600 for the construction of a Bungalow for the Deputy Astronomer in the compound of the Observatory, Madras.

2. The Plan has been prepared in communication with the Government Astronomer, and I recommend that sanction may be given for the construction of the building early next year from the Reserve Fund, as it is now I conclude too late to enter the work in the Budget for 1864-65.

Referred to the Public Department.

*Chepauk,
29th January 1864.*

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

No. 405. Memorandum from the Chief Secretary to Government, to the Secretary to Government, Public Works Department, dated Financial Department, Fort Saint George, 11th February 1864, No. 103.

The Chief Secretary has the honor to return the letter from the Superintending Engineer, 4th Division, dated 28th January 1864, No. 4,804, noted in the margin, together with the Plan and Estimate which accompanied it for the construction of a Bungalow for the Deputy Astronomer in the compound of the Observatory, and to inform Colonel Orr that he sees no objection to the Plan.

(Signed) A. J. ARBUTHNOT,
Chief Secretary.

No. 406. ORDER THEREON, 19th February 1864, No. 507.

1. The Governor in Council approves the Plan and Estimate of Rupees 5,600, submitted with the foregoing letter from the Superintending Engineer, 4th Division, for the construction of a Bungalow in the Observatory compound for the Deputy Astronomer.

2. Colonel Boileau will make a special application for funds after the 1st May next.

(True Extract.)

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

To the Superintending Engineer, 4th Division.
" Financial Department.
" Controller and Auditor of Public Works Accounts.
" Accountant General.

Exd. S. T. Augustin.

Abstract of Estimate N^o 124 of 185/64 District Presidency

Work for erecting a Bungalow and out Offices 8th for the Deputy Astronomer in the Observatory Compound prepared in pursuance of the Sup^{rs} Engr's order 1st 3418 of the 19th November 1838 & N^o 4458 of 9th January 1864.

Quantity	Description of Works	Rate	Amount	Total
5724	Brick work in chunam	"	25	1314 10 5
264 7/16	Flat arch work in chunam over the doors and windows	"	34	55 2 4
220	Corice work in chunam to the interior & exterior	"	35	40 15 9
11	Columns each with base and capitals and bonding granite stones in masonry and plastering 8 th Complete	"	"	121 " "
2100	Terracing with brick on edge Jelly 3" thick 3 course flat tiles and plastering 3 coats chunam	27	6	574 14 " "
3000	Plastering with 3 coats chunam	3	12 5	363 5 4
1095	Flooring with 8" sq. bricks in chunam and a levelling course of 3" sort wall bricks underneath	9	37	156 5 6
70	Flooring with 9" sq. bricks in chunam to the doorways and over the retaining walls	7	4	5 1 2
	Constructing 1 Masonry stair Case parapet walls 12" sq. bricks flooring and plastering 8 th Complete as & Plan	"	"	50 " "
	Constructing 1 Masonry long steps wing walls & pedestals as also 3 small steps 12" sq. bricks flooring 8 th Complete as & Plan	"	"	35 " "
	Filling with River sand 2 feet in depth beneath & sides of the foundation	"	"	00 " "
	Excavating the foundation filling & levelling the earth to the basement	"	"	35 " "
	Carried Over			2787 8 8

Quantity	Description of works	Rate	Amount	Total
Brought forward 2787 6 8				
301-4-10 1/2	Teak wood wrought & put up	2 15	555 6 1	
12 Pairs	Pannelled venetian doors with frames hooks hinges & bolts 8 ^{ea} Complete	31 8	378	
1 Pair	Do	" "	17 11 6	
10 Pairs	venetian window shutters with frames hooks hinges 8 ^{ea} Complete	25 4 5	252 12 2	
10 Pairs	glazed window shutters with hinges & bolts 8 ^{ea} Complete	11 4	112 8	
6	Lead s/pants each 3 ft long	" "	15	
6	Yew trunks with iron hoops cramps and painting with lead Colour 8 ^{ea} Complete	10 8	63	
	Fixing above 8 ^{ea} with teak wood blocks 8 ^{ea}	" "	4 8	
6	Granite stones each 12 ins sq beneath the trunks and fixing them in Masonry	" "	1 14	
3	Perforated tin plates with copper nails to the air holes at the sides of the beams	" "	3	
	White paint 3 Coats to the beams & inside the summer and glazed shutters 8 ^{ea}	" "	43	
	White paint 3 Coats to the doors & windows	" "	55	
	Living Planks & nails over the beams between the Posts	" "	10	
	Sundry charges & scaffolding 8 ^{ea}	" "	207 13 7	
			4840	

N^o 2

1	Coach house 1 Cook room and 1 Stable			
2203	Brickwork in chunam	2 5	332 11 11	
8	Flat arch work in chunam	3 4	1 10 8	
13	Circular arch work in chunam	3 10 1/2	3 2 4	
430	Roofing with tiles and chunam borders to the ridge and sides	6	25 12 9	
	Carried Over		363 5 8	4840

Quantity	Description of works	Rate	Amount	Total
Brought forward 363 5 8 4840				
1250	Plastering with 1 Coal Chunam	1 5 9	10 15 10	
100	Flooring with 8" sq bricks in chunam and a levelling course of wall bricks underneath	9 3 7	9 3 7	
200	Laying with laterite stone jelly and gravel of 6" thick and well beaten down with water	3 3 4 1/2	6 6 5	
	Filling with River sand 18" in depth beneath the foundation	" "	6	
	Excavating the foundation and levelling the earth	" "	3	
350	Lining with teakwood reapers and nails over the rafters of the roof	8 7	29 8 6	
31-4-1/2	Teak wood wrought and put up	2 15	92 1 2	
1 Pair	Door with frame hooks hinges and bolts 8 ^{ea} Complete	" "	15 5 3	
1 Pair	Door Window shutters with frames hooks hinges & iron bars 8 ^{ea} Complete	" "	9 15	
12	Wooden cross bars for 6 Balls Eye	" "	1 8	
	Wood oil 3 Coats Red paint 3 Coats	" "	5 4	
1 Pair	Door with frames 8 ^{ea} Complete to the Coach house including iron articles	" "	50	
2	Acha wood blocks with iron rings of 4" diameter and hooks 3" long for fixing in the wall for fastening the head ropes of the houses	" "	1 12	
1	Acha wood block and iron rings of 4" diameter for tying the heel ropes of the horses and fixing them in the ground with Masonry	" "	1 2	
	Erecting the fire Place and Pyals	" "	2 8	
	Sundry charges & scaffolding 8 ^{ea}	" "	21 7	
			635	

N^o 3

Open Piny
569 Brickwork in chunam

2 5 85 15 1
Carried Over 35 15 1 5175

Description of works

Rate Amount Total

Brought forward	85	15	1	5475
with 1 Coal Churnam	1	5	9	83
with jelly in Churnam 3" thick and rubbed over				
levelling course of 8" sort wall bricks underneath	5	5	2	374
Over sand 9" in depth and excavating the				
otation	"	"	"	13
charges and scaffolding 18"	"	"	"	3
	13	1	4	125
				115

Total Rupees Five thousand 500
Five hundred & Ninety 5590

How Shree Ayyappa Captain
Executive Engineer Presidency

27/12/16
27/12/16

27/12/16
27-12-16

Superintending Engineer's Office
No 4804

Madras 28th January 1884

From
Colonel A. J. M. Boileau R.E.
Superintending Engineer to Govt.

To
Colonel Charles A. Orr R.E.
Secretary to Government
P. M. D.

Public Sir

Enc.
Plan
of Astronomical
Specification

With reference to the Proceedings
of Government No 3304 dated 14 November 1883
I have the honor to submit for sanction
Plan and Estimate amounting to Rupees
500 for the construction of a Bungalow
for the Deputy Astronomer in the compound
of the observatory Madras.

The plan has been
prepared in communication with the Government
Astronomer, and I recommend that sanction
may

may be given for the construction of the building
early next year from the Reserve Fund, as
it is now concluded too late to enter the
work in the Budget for 1864/65--

I have the honor to be

Sir

Your Most Obedient Servant

Abigail Colonel

Sup. Engineer P. D.

Colonel Charles A. Orr R. E.

Secretary to Government

P. M. D.

Public Works Dept

No 504

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By: Eng. of the Dept. of specifications
Financial Dept.
Auditor of P. M. Dept.
General
Date 20th Feb. 65

may be given for the construction of the building
early next year from the Reserve Fund, as
it is now concluded too late to enter the
work in the Budget for 1864-15.

Pro 3rd Nov/63 4th-15-

Referred to the Pub
Department

Wm. A. Orr
Col. R. C.
Secy to Govt. P.W.D.
Cham R
29 Jan/64
X²⁸⁷

1864 Dept
of Public Works
from No 480
The Sup. Engineer, 4th Div
The Secretary to Government
P.W.D.

90715/64

Dated 28th
Recd 29 January 1864.
No 1422 & Plan
No 4804

Forwards Plan & Estimate
amounting to Rs 5,600 for a
Bungalow for the Dy Astronomer
in the Observatory Compound
at the Presidency.

No 404

No 507-19th February

[Signature]

Public Works Dept

No 507

Order of the Madras Government

Financial DEPARTMENT.
No. 103

MEMORANDUM.

From the Sup. Engineer
4th Division 28 January
1864 No 4804.

The Chief Secretary has the honor to
return the letter noted in the margin, together
with the Plan and Estimate which accompanied
it for the construction of a Bungalow for the
Deputy Astronomer in the Compound of the
Observatory
and to inform Colonel Orr that he sees no
objection to the Plan.

Fort St. George,
11th February 1864.

[Signature]
Chief Secretary.

The Secretary to Government,
Public Works Department.
with a letter to the Secretary.

By: C. S. of P.W.D. specifications
Financial Dept
Auditor of P.W.D.
General
Dated 20th Feb 64

may be given for the construction of the building
early next year from the Reserve Fund, as
it is now concluded too late to enter the

work in the 12th month of the year
1864

1864 Dated
Pro. of Govt for February
No 645

From the Chief Secy
to Govt Financial
Dept

Dated 11th Feb 1864
Received 12th Feb 1864

Q 4 No 103

Approving of the
Estimate of Rs 500 for constructing
a bungalow for the Dy Astronomer
in the compound of the
Observatory, Presy. Secy -

No 405

No 507-19th Feb 1864

Public Works Dept

No 504

Proceedings of the Madras Government
Under date the 19th February 1864
Read the following

From the Supy Engineer 11th Dec

Forwards Plan and Estimate amount-
ing to Rs 500 for a bungalow for
the Deputy Astronomer in the Observatory
compound at the Presidency.

From the Chief Secretary 6th Feb
Approving of the Estimate of Rs 500 for construct-
ing a bungalow for the Dy Astronomer in the com-
pound of the Observatory, Presidency District.

(Forwarded 28th January 1864)

(Forwarded 11th February 1864)

The Govt ap-
proves the plan & estimate
of Rs 500, submitted
with the foregoing letter
from the Supy. Engr. 4th
div. for the construction
of a bungalow in the
Observatory compound
for the Dy Astronomer.

Col. Keble
will make a special
application for funds
after the 1st May next.

Handwritten initials and signatures.

To the Supy. Engr. 4th Div. for specifications
Financial Dept
Audit of P.M. Dept
Genl. Secy
Dated 20th Feb 1864

279 1864 Date

of No. of your for day

1857

of the 26th of

27th July 1864

Plan also situated

of No. 5 to for the

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Rey. Smith. For the

Arg. Robinson, of

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major is the request to

No. 444. 2446