

Public Works (1899) Department.

G.O., No.

21812W
21825

DATED 15 August 1899.

[Despatch Abstract.]

Residence of the Govt. Astronomer at Kodaikanal
Orders that the sanction of the Govt. of India
be applied for to the expenditure of ^{No. 1525} ~~an amount~~
for the — & quarters for the members of his
establishment.

Letter to the Govt. of India

T. W. H. 1899

Indexed. 118

W. 42-A.
100-2-3-99.

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of the Government of India he applied for
to the expenditure of the following sums
on the Government Astronomer's residence
and quarters for the members of his
establishment at Kodaikanal:—

(2) Constructing a veranda round
the clerk's quarters — } 410

211498

20

Sint

Feb. 11

It was a well known fact.

February 1899, regarding the residence for the Government Astronomer at Kodaikanal, and also to your letter No 474B, dated 10th November 1896, conveying the sanction of the Government of India to the provision of quarters for the members of his establishment at the same station. I am directed to state that the Consulting Architect has, at the instance of the Astronomer, submitted estimates, aggregating Rs 1525, for the undermentioned works and to request the sanction of the Government of India to the proposed expenditure: -

- | | | |
|--|---|------|
| (1) Watersupply for the Astronomer's residence - | } | Rs |
| | | 1115 |
| (2) Constructing a verandah round the clerk's quarters | } | 410 |
| | | |
| Total | | 1525 |

As regards (1), it is explained that the nearest point wherefrom water can be procured is half a mile distant and that great inconvenience is experienced in getting an adequate supply of pure water. It is ^{about 200 yards from the house} proposed to sink a well ~~and fix an~~ ^{from it to the house} ~~light aeromotor~~ ^{means of a light aeromotor.} to pump water up ~~to the house~~.

In regard to the second item, it is stated that the building is a small square, occupying an exposed position, that, during the heavy rains of the South West monsoon, the walls get very damp, and that the building is therefore very

very uncomfortable for the ^{occupants} residents who are unaccustomed to a hill climate. To remedy this defect, it is proposed to construct a verandah.

The Consulting Architect reports that the cost of the works can be met from savings in the sanctioned estimates.

I have &c &c

WEL
1917

P.K.S

244
78.99

WEL
1917

WEL
11/17

to sink a well at this spot

Public Works Department.

Current No. 5576
 Letter No. 1192
 Dated 7 July 1899
 From the Consulting Architects

NOTE BY TECHNICAL SECTION.

Name of work

1. Water Supply for the Astronomer's Residence at Kodaikand Rs. 1115
2. Erecting a Verandah around the Clerk's quarters attached to the Observatory at Kodaikand Rs. 410.

The Estimates for the above works have been prepared by the C.A. at the request of the Govt. Astronomer. The C.A. states, that their cost can be met from savings in the sanctioned Estimates.

1. Water Supply Estimate.

It is explained in the report, that the nearest point where good water can be procured is $\frac{1}{2}$ mile distant - and that inconvenience is experienced in getting a supply of water. Water has been tapped at a depth of 20 ft below ground about 200 yards from the residence, and as the supply is sanctioned by the Government, it is proposed to sink a well at this spot.

Z.W. for order - The Estimates may be approved
 bel
 14/7

W. H. H.
 17. VII

The well is to be built with dry
stone stemming as shown on plan
with a headstock 3' high above
ground level, protected with
cast-iron capping.

The water from this well
will have to be forced up 52 ft
before it can be delivered
at the residence. This is to
be done by fixing up a light
acromotor pump on a tower
25 ft high. The water will
be conveyed to the storage
cistern in a galvanized iron
pipe 1" dia.

The storage cistern 6' x 4' x 3'
will be built near the kitchen.
Its capacity will be 72 cth
or 450 gallons. Foundation
stone concrete - walls of
rough stone in chunam - inside
outside plastered with cement.
To keep the cistern clean, a
concrete iron covering is
all round the top of the
cistern and strong enough.

The acromotor with tower
is estimated at Rs 300 -
and Rs 100 are provided for
fixing it up - covering for
side tank.

2. Erecting a verandah
round the writer's quarters.
At present this block
measuring $22\frac{1}{2} \times 24\frac{1}{2}$ is
quite unprotected - and
during the rainy season -
the walls get very damp
and the inmates suffer much.

Have no means of checking
this. Presume CA has stati-
fied himself that he can get a
wheel powerful enough to raise
the small quantity of water
required 72'.

Can be accepted

Lthf

17.24

It is proposed to erect a
verandah on 3 sides of the
block (the rear being
protected by the hill) - the
verandah will consist of
concrete iron roofing
on broken parts. It is
proposed to strike these posts
at the end bottom, to
secure the verandah from
being blown away by the
strong winds which are
frequent. The verandah for
2 or 3 months in the

Year. Estimates have been com-
puted by the South. Astronomer.

14. VII. 99

D.W.

Submitted for orders.

If the estimates are approved,
the sanction of the Govt. of
India thereto will have to
be applied for.

14/7/99

Public Works (1899) Department.

CURRENT No. 5576

29/7/99
6/8/99

Order

From
The Consulting Architect
to the Government
of Madras

No. 1192

Dated 7th July 1899

Received 10.7.99

Registered

Enclosures 7 Plans 1 2 Total 7
Other 6 3

Spare copies.

SUBJECT.

Submitting for approval
various estimates
amounting to Rs 1115 &
410 for Water supply
for Astronomer's residence
& a verandah round water
quarters, attached to the
observatory at Kodaikanal

T/Forearly sent
all
D.H.

LS292R^{11/4}

HC

vide 2167 wd/15/8/99.

BACK PAPERS.

G.O.	No.	Department.	Date.
	1692w	P. W. D	30-6-99
	1662-3w	—	26-6-99
	2726c	—	15-6-99
	618w	—	28-2-99
	229-3w	—	24-6-99
	4185c	—	20-9-98
	3862c	—	3-7-98
	2708w	—	29-7-98
	2355w	—	25-8-97

FURTHER PAPERS.

G.O.	No.	Department.	Date.
	2950w	P. W. D	17-10-96
	3071-2w	—	29-11-98
	5062c	—	15-11-98
		and file	

C. A. 800-22-3-99.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
7th July 1899.

No. 1192.

From
G. S. T. Harris, Esq.,
Consulting Architect
to the Government of Madras,

To
The Chief Engineer
Public Works Department

Sir,

Enclosures.

I have the honour to submit
the following estimates for works at the
Kodai Kanab Observatory for approval & sanction.

- (1) Water supply for Government
Astronomers Residence No 1115
- (2) Serandah round writers
Quarters " 410

The necessity for the works are explained
in the reports accompanying the estimates.
The cost can be met from savings
in the sanctioned estimates.

I have the honour to be
Sir
Your most obedient servant
G. S. T. Harris
Consulting Architect
to Government