

Public (1897) Department.

ORDINARY MS.

G.O., No. 1250

DATED 21-9. 97

INDEXED.

301  
23/9

[Despatch Abstract.]

Comg: to the Govt Astronomer  
Proceedings, P.W.D. Sanctioning  
an estimate of Rs 19663 for  
Constructing a residence for the  
Government Astronomer at  
Kodaikanal

P.O. 1009/97  
is printed in  
this MVD G.O.

# BACK PAPERS.

| G.O.        | No.                  | Department. | Date. | G.O. | No. | Department. | Date. |
|-------------|----------------------|-------------|-------|------|-----|-------------|-------|
| 1009<br>577 | 2 back papers<br>217 |             |       |      |     |             |       |

# FURTHER PAPERS.

| G.O. | No.  | Department. | Date.     | G.O. | No. | Department. | Date. |
|------|------|-------------|-----------|------|-----|-------------|-------|
| C no | 5786 | = 1381 mis  | 8/13/10/7 |      |     |             |       |

BUILDINGS AND ROADS.  
CIVIL WORKS.

Government {1897} of Madras.  
PUBLIC WORKS.



Recd.

Enclosures

Regd.

1897.

Spare copies

recd 20/9/97  
Ar

G.O., No. 2355 W., 25th August 1897.

AUGUST.

Order W. 12508 21<sup>st</sup> Sep 97  
mis  
Communicated  
to the Govt. Astronomer

CW  
20/9/97 21/9/97

Govt Astronomer (S.C.)  
24/9/97

Residence for the Government Astronomer at  
Kodaikanal

Estimate of Rs. 19,663 for constructing a — in the Madura district, sanctioned  
with remarks.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—again the following paper :—

G.O., No. 2950 W., dated 17th October 1896.

READ—also the following papers :—

From G. S. T. HARRIS, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepāk, 3rd December 1896, No. 4449.

With reference to G.O., No. 2950 W., dated the 17th October 1896, I have the honour to submit, for approval, a revised drawing in pencil of the residence for the Government Astronomer to be erected at Kodaikānal.

2. The plan has been seen by the Astronomer. A copy of his letter is herewith forwarded.

3. This plan covers an area of 5,100 square feet, and taking the rate at Rs. 4, this design would cost Rs. 20,400 to carry out.

4. If you will kindly obtain general approval to the plan, I will proceed to have working drawings and the estimate made out in detail.

## ENCLOSURE.

COPY of a communication from Mr. C. MICHIE SMITH, Government Astronomer, Madras, to the Consulting Architect to Government, dated 16th November 1896.

I return with thanks the sketch of the Kodaikānal house. It seems to me very satisfactory. I have no criticisms to offer, and the only suggestion I would make is that there should be a door between the two bed-rooms, so that when they are not both required as such, one might be used as a dressing-room.

No. 4786 C.

In returning the pencil design of a residence for the Government Astronomer at Kodaikānal, received with letter from the Consulting Architect, No. 4449, dated 3rd December 1896, the undersigned has the honour to state that under G.O., No. 2950 W., dated 17th October 1896, the cost of the building, *including out-houses*, must not exceed Rs. 20,000. It is requested that the plan may be revised, so that the cost may be kept within that sum. It is thought that reduction may be made in the size of the library, dining-room and pantry.

(Signed) D. McNEIL CAMPBELL, Col., R.E.,  
10th December 1896. Chief Engineer.

From G. S. T. HARRIS, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepāk, 19th January 1897, No. 4868.

I have the honour to forward the drawings and estimate for the residence of the Government Astronomer at Kodaikānal and to make the following remarks.

2. In your No. 4786 C., dated 10th December 1896, I was instructed not to exceed Rs. 20,000 for the building including out-houses. This estimate amounts to Rs. 20,958.

3. I have had two interviews with Mr. Michie Smith, and I have represented to him the reduction in the sizes of rooms as suggested by you. He quite agreed that this might be done in all rooms, but not in the library, which room he tells me will be his public office and library in which some 2,000 to 3,000 volumes will be shelved. I have therefore reduced the sizes of all rooms except the library.

4. I would now suggest the approval of the estimate, with the proviso that the coach-house and stable is not to be constructed, should the cost of construction reach Rs. 20,000. Omitting the coach-house, the estimate will amount to Rs. 19,750.

5. I am of opinion, however, that it will be found that this may eventually be constructed; the contingencies of the estimate amount to Rs. 975.

6. To this is appended a list of rates for some of the items worked out and entered as the rates in schedule. I have arrived at them by careful calculation and actual information. On the supposition that the whole of the woodwork, roofing, ironwork, doors and windows were made in Madras and forwarded by rail and road, these items could be done for the money. I enquired from the Railway authorities and the British India Steam Navigation Company, their freight for each kind of material. The former were favourable; the latter quite unjustifiable in my opinion. Mr. Hughes very kindly gave me information as to what the carriage would be from the railway (Ammayanāyakanur station) to the foot and up the hill.

## Memo. No. 733, Public.

With reference to G.O., No. 360 W., dated 5th February 1897, the Chief Engineer, Public Works Department, is requested to consider a suggestion that has been made that the estimate amounting to Rs. 20,958 for constructing a residence for the Astronomer at Kodaikānal might be reduced to Rs. 20,000 or less, if all the woodwork and ornamental work required for it were prepared in Madras under competent supervision, and to give his opinion whether the suggestion could be adopted and whether the object in view would be thereby attained.

FORT ST. GEORGE,  
24th March 1897.

(Signed) A. R. KNAPP,  
for Chief Secretary.

## Memo. No. 2776 C.

Referred to the Consulting Architect for very early report. The estimate is enclosed for reference.

5th June 1897.

(Signed) C. H. B. BURLTON,  
for Secretary to Government.

Office-note from the Consulting Architect to Government, dated 11th June 1897, No. 653.

Without doubt all the woodwork, doors, roof of corrugated iron, could be made in Madras, put up in numbered packages and sent to Kodaikānal by rail and road, for less than the estimated rates. If the masonry work can be constructed at the rates given by Madura division, then the work will cost considerably less than Rs. 20,000.

If instead of teak, mango-wood floors and mango pannel doors be placed to the kitchen, bath-rooms, &c., and corrugated iron doors to coach-house, stable, out-offices, there would be a saving at least of Rs. 1,000 to 1,500 in addition, and these would be as effective as teak.

Office-note to the Consulting Architect to Government, dated Ootacamund, 26th June 1897, No. 623 D.

Please prepare an abstract estimate showing the total cost of the work by adopting the suggestions made in your note, No. 653, dated 11th June 1897, that the woodwork be made up at Madras and that mango wood be used instead of teak for floors, &c.

(Signed) C. H. B. BURLTON,  
Under Secretary to Government.

From G. S. T. HARRIS, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chapák, 3rd July 1897, No. 883.

With reference to your memo., No. 623 D., dated the 26th June 1897, I have the honour to resubmit the plan and estimate for the residence of the Government Astronomer at Kodaikáanal, with the total estimate reduced from Rs. 20,958 to Rupees 19,663.

Memorandum from the Public Works Department, dated 16th July 1897, No. 825 D.

Read—the following papers:—

From the Consulting Architect to Government, dated 3rd July 1897, No. 883.

Note by the Chief Engineer, Public Works Department, dated 16th July 1897, No. 824 D.

The estimate may be sanctioned, but the undersigned is doubtful whether it is advisable to use mango wood for the boarded floors and doors unless it is very superior to any wood of the kind that he has seen. The materials, except the masonry, may be prepared in Madras by the Consulting Architect, but the work should be carried out by the Executive Engineer, Madura division, who is now constructing the Observatory buildings.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,  
Chief Engineer.

Memo. No. 825 D.

Forwarded to the Public Department for approval with reference to memo., No. 733, dated 24th March 1897.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,  
Secretary to Government.  
16th July 1897.

G.O., No. 1009, Public, dated 28th July 1897.

Read—the following papers:—

From the Government Astronomer, dated 18th February 1897, No. 42.

Memorandum from the Public Works Department, No. 825 D., dated 16th July 1897.

ABSTRACT.—Forwarding letter from the Consulting Architect to Government submitting the plan and estimate for the residence of the Government Astronomer at Kodaikáanal.

Order—No. 1009, Public, dated 28th July 1897.

The estimate is approved subject to the remarks below. The Public Works Department will be requested to carry out the work with the least possible delay.

(1) Mango wood should be used for the less important doors and the flooring unless, in the latter case, teak can be provided without exceeding the estimate limit of Rs. 20,000.

(2) Chunam work round doors and windows should be omitted.

(3) In the four bath-rooms one of the small top panels should be glazed, the other fitted with perforated zinc, and the windows omitted.

(4) The window in the dressing-room is so placed that, when there is a dressing table of ordinary size in front of it, it will not be easy to pass through the door into the bath-room. This defect should be remedied.

(5) Chunam-plastering in the subsidiary buildings should be omitted, as it is very expensive on the hills and unnecessary.

(6) The panelled ceiling should also be omitted, if necessary, to effect a saving.

(True Extract.)

(Signed) F. J. WILSON,  
for Chief Secretary.

ORDER—No. 2355 W., dated 25th August 1897.

The estimate amounting to Rs. 19,663 for constructing a residence for the Government Astronomer at Kodaikáanal in the Madura district is sanctioned for immediate execution. An allotment of Rs. 12,000 for the work has been made in the Imperial Civil works budget for the current year.

2. All the materials, except the masonry, will be prepared at Madras by the Consulting Architect and forwarded to Kodaikáanal. The work itself will be carried out by the Executive Engineer, Madura division.

3. Attention is drawn to the remarks in G.O., No. 1009, Public, dated 28th July 1897, recorded above. The Consulting Architect will report the probable saving that can be effected by carrying out the alterations proposed by the Public Department.

4. The estimate should on no account be exceeded.

5. This sanction has been registered as Imperial No. 1 W. of 1897-98, and classified as Civil Buildings—Original Works.

(True Extract.)

*[Signature]*  
Under Secretary to Government.

To the Consulting Architect to Government.  
" Superintending Engineer, VI Circle.  
" Public Department.  
" Examiner, Public Works Accounts.

Encl. T. K. Narayana Aiyangar.

When given for copying/\_\_\_\_\_  
When copied \_\_\_\_\_  
When examined 23/9 } 1897  
When signed \_\_\_\_\_

READ AGAIN G.O., No. \_\_\_\_\_ DATED \_\_\_\_\_  
189 \_\_\_\_\_

CURRENT No. \_\_\_\_\_

ENCLOSURES TO C. No. \_\_\_\_\_

ORDER OF GOVERNMENT .. .. A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH  
IN ORIGINAL.

N.B.—  
A = Copy in full.  
B = Not to be copied.  
P = Copy abstract only.  
Q = Copy heading only