Public Works (1899) Department.

Print w/ [illegible]

G.O., No. 2947 } W
2948 }

DATED 7 ~~Oct~~ Nov 99

3/11/99

(Despatch Abstract.)

Residence for the District Medical and Sanitary Officer, Madura.

The estimate, amounting to Rs 12,500, for the construction of a — approved, and the sanction of the Govt of India ordered be applied for to the proposed expen

Residence for the Dist. Medical & Sanitary Officer, Madura.

Forwarding a copy of the Pro., as estimate of Rs 12,500 for the construction of a — and requesting [illegible]

P. W. 26

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*
Regd. } *Spare copies*

Letter, No. 2948 W., 7th November 1899.

NOVEMBER.

Residence for the District Medical and Sanitary Officer, Madura

Forwarding a copy of the Proceedings approving the estimate of Rs. 12,500 for the construction of a —, and requesting sanction to the proposed expenditure.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Letter—from

W. B. deWINTON, Esq.,
Secretary to the Government of Madras,
Public Works Department,

To

The JOINT SECRETARY to the GOVERNMENT of INDIA,
Public Works Department.

Sir,

With reference to rule (3), paragraph 17, Chapter X, Volume I of the Public Works Code, and in continuation of my letter No. 1355 W., dated 26th May 1899, I am directed to forward a copy of Proceedings of this Government, No. 2947 W., dated 7th November 1899, and to request the sanction of the Government of India to the expenditure from Provincial funds of a sum of Rs. 12,500 on the construction of a residence for the District Medical and Sanitary officer at Madura.

2. The normal rent, calculated under Code rules on the capital cost of the building, amounts to Rs. 83·34 as shown below :—

	RS.
(*a*) Estimated cost of construction	12,000
(*b*) Ten per cent. on (*a*) for establishment and tools and plant ...	1,200
(*c*) Cost of site	500
(*d*) Total capital cost	13,700
(*e*) Four per cent. on (*d*) for interest	548
(*f*) Three per cent. on (*d*) for repairs	411
(*g*) Ten per cent. on (*f*) for establishment and tools and plant ...	41·1
Total annual rent ...	1,000·1
Rent per mensem ...	83·34

3. Madura being a first-class station, will generally be in charge of a senior officer and the average monthly pay of the officers that may be posted to that place is likely to be Rs. 950, 8 per cent. of which amounts to Rs. 76 or Rs. 7·34 less than the normal rent. The accommodation provided is moderate and it is not possible to reduce the amount of the estimate to the permissible limit.

4. As the residences for other District officers at Madura are now in progress, I am to request that early sanction of the Government of India may be obtained to this application in order to admit of all the quarters being built simultaneously.

5. A plan of the proposed residence is herewith forwarded.

I have the honour to be,
Sir,
Your most obedient servant,
(Signed) W. B. deWINTON,
Secretary to Government.

Fort St. George,
7th November 1899.

Exd. T. K. Narayana Aiyangar.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government (1899) of Madras.
PUBLIC WORKS.

Recd. } 1899.
Regd.

Enclosures

Spare copies

G.O., No. 2947 W., 7th November 1899.

NOVEMBER.

Residence for the District Medical and Sanitary Officer, Madur

The estimate, amounting to Rs. 12,500, for the construction of a —, app and the sanction of the Government of India ordered to be applied for to the p expenditure.

1,000—2-3-99.

No. 2947 W., 7TH NOVEMBER 1899.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From G. S. T. HARRIS, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 1st June 1899, No. 709.

I have the honour to submit, for the approval and sanction of Government, plans and estimates, the latter, amounting to Rs. 13,500, for constructing a residence for the District Medical officer at Madura.

This completes the residences to be constructed for European officials at Madura, with the exception of the residence for the Collector, referred to in G.O., No. 373 W., dated 6th February 1899.

From G. S. T. HARRIS, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 11th August 1899, No. 1663.

With reference to your office-note No. 2901 C., dated the 26th June 1899, I have the honour to submit a plan and estimate for the District Medical officer's residence at Madura.

The estimate has now been reduced from Rs. 13,500 to Rs. 12,500.

ORDER—No. 2947 W., dated 7th November 1899.

The estimate, amounting to Rs. 12,500, for the construction of a residence for the District Medical and Sanitary officer at Madura, submitted by the Consulting Architect with his second letter read above, is approved. As the normal rent calculated under Code rules exceeds 8 per cent. of the average monthly pay of the officers that may be employed at that station, the sanction of the Government of India will be applied for to the proposed expenditure.

[Here enter No. 2948 W., dated 7th November 1899.]

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Consulting Architect to Government, with seven enclosures.
" Examiner, Public Works Accounts.
" Public Department.

Exd. T. K. Narayana Aiyangar.

Urgent

P.W. DEPART.

READ the following :—

Pub no No. 48 d 1.9.99

Print { Letter from the Consulting Architect to Government, No 709 dated
— & ________ & ________
, No 1663 dated

Circulated to

Consult

ORDER.

Residence for the Dist. M. & Sanitary Officer, Madura

No. 2947 W 7.11.

The estimate, amounting to Rs 12500, for the construction of a residence for the District Medical and Sanitary Officer Madura, submitted by the Consulting Architect with his second letter read above, is approved. As the normal rent calculated under Code rules exceeds 8 per cent of the average monthly pay of the Officers that may be employed at that station, the sanction of the Government of India will be applied for to the proposed expenditure.

H. E. No 2948 W dated 7th Nov 99

To

the Joint Secretary to the Government of India
P. W. Dept

Sir

With reference to Rule (3), para
Chapter X. Vol I of the P.W. Code and in continuation

38

A.E.H.
28.10.99

To
the C. A to Govt with 7 enclosures
" Examiner P W A
" Public Dept.

11/11/99

ted to forward a copy of Proceedings
ent No 2947 W dated 7th Nov 99
est the sanction of the Government
he expenditure from Provincial funds
Rs 12,500 on the construction of a
for the District Medical and Sanitary
Madura

x H E the no of the draft noted overleaf

The normal rent, calculated
rules on the capital cost of the building
to Rs 83.34 as shown below :-

	Rs
ated cost of Construction —	12,000
nt on (a) for Establishment and ols and Plant —	1,200
Cost of site —	500
Total Capital Cost	13,700
4 per cent on (d) for interest —	548
3 per cent on (d) for repairs —	411
10 per cent on (b) for Establishment and Tools and Plant —	41.1
Total annual rent —	Rs 1000.1
Rent per mensem —	Rs 83.34

Madura being a first class station, will generally be in charge of a sen
the average monthly pay of the officers that may
be posted to that ~~station~~ place likely to be is Rs 950, 8 per cent
of which amounts to Rs 76 or Rs 7.34 less than
the normal rent. The accommodation provided is
moderate and it is not possible to reduce the amount
of the estimate to the permissible limit.

As the residences for other District Officers
at Madura are now in progress, I am
that early sanction of the Government
may be obtained to this applicat
to admit of all the quarters being
simultaneously.

5. A plan of the proposed residence
herewith forwarded.

I have

HH
31/8

PKS.

Note. The estimate is reviewed in
ing technical note.

HH

PKS.

4 P

Issued with copy of P 40 on 29 47 W + 1 blank
11/11/99

nt of

Public Works (1899) Depart

CURRENT No. 884/
658/

Order

Dev.

For favour of orders whether the draft order below may now be circulated to H.C. The Surgeon General has countersigned the plans and estimate.

Gri 26/10/99

Circulate
HLl 26/10/99

From
Surgeon-General D. Sinclair
C.S.I., I.M.S.
Surgeon General with the
of Ma

No. 286.

Dated 17th October.
Received } 20.10.99
Registered }
Enclosures 10 plans - 1 } 7 others - 7 }
Spare copies

SUBJECT.

Returning the plan and estimates for constructing a residence for District Medical and Sanitary Officer, Madura, duly countersigned in token of approval.

Fetes put up
8226/89
Memo 20/10
not numbered
upto 26/10

H.C.

O.K.

K PAPERS.

No.	Date.
01 c a/	26. 6. 88
1783 W a/	11-7-88
1355 W a/	26-5-88
1354 W a/	26-5-88
4154 c a/	20-10-87
1783 W a/	11-7-88
1354 W a/	26-5-88
1059 c a/	13-4-88
373 W a/	6-2-88
2856 W a/	11-11-88
4285 c a/	30-5-88
2202 W a/	30-8-88
2169 W a/	2-9-88
122 W a/	17-6-88
60 W a/	5-11-87
W a/	10-5-87

and file

9

FURTHER PAPERS.

No.	Date.

Current No. 1545 of 1899

Public Works (1899) Department.

CURRENT No. 6587

Enclosure No. 1 to Letter No. 286 d/ 17.10.9

Flag. VI

From The Consulting Architect Government of Madras

Endorsement No. 1066 D of 2-9-99

~~**Order**~~

Forwarded u.o to the Surgeon-General with the request that the accompanying plan and estimate for constructing a residence for the District Medical and Sanitary Officer at Madura may, if approved, be countersigned and the papers returned as early as practicable.

H All
4. IX. 99

HAll
4/9

P.K.S.

To

The Surgeon-General with the Government of Madras, with papers in original to be returned.

No. 1663

Dated ~~11th August 1899~~

Received
Registered } 12. 8. 99

Enclosures Plan – 1, Others 7 } 2 total 8

Spare copies.

SUBJECT.

Submitting plan and estimate for constructing a residence for the Dt Medical Officer at Madura

PWE 1
8649/89

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

II

No. 286

To

The Chief Engineer,
Public Works Department.

The plan and estimates are herewith returned countersigned in token of approval.

D Sinclair
Surgeon-General,
Surgeon-General with the Government
Madras.

Madras
17" October 1899

Public Works Departme

Current No. 6587

Letter No 1663

Dated 11th August 1899

From the C. A.

NOTE BY TECHNICAL SECTION.

Name of work Constructing a [illegible] for the District Me[illegible] Officer - Madura of

Est Rs. 1250[illegible]

With reference to C.E.'s office note No. 2901 of 26-6-99; the C.A. resubmits the above estimate reduced from Rs: 13500 to Rs: 125[illegible]. The reduction is effected by the omission of a [illegible] dressing & bath roo[illegible] which were included in the first Estimate.

2 The constructive details have been fully dealt with in the technical note attached to Current No. 4352 (flag "H"). There is nothing wanted, except that the Sweepers' stairs which at present pierces the terrace through an enclosed verandah in [illegible] [illegible] to the

W. The modification (1) suggested by T. may be carried out.

I also call attention to the (2) useless spaces behind the ~~dra~~ bed room and office room on the ground floor.

(1) The bathrooms might be moved into them and the present bath rooms done away with. or

(2) It might be possible to utilize one of these bits of enclosed verandah for the staircase in which case the dining & drawing rooms would each be lengthened by 2' and the length of the building decreased by 4'.0". This would want a little management and the stairs would not be so accessible but there is no such objection to the 1st proposal.

[illegible]
29/8

(1) If the staircase is put at XY. the sweeper will have to cross the whole of the open terrace above. I think it had better remain as proposed.

(2) These spaces are intended for through ventilation & can remain.

[illegible] 25.8

P. W. 60.
250—5-9-98.

The dining room, may with advantage be shifted to the side of the sitting room marked X.Y. on former plan.

Particulars of Estimate

	1st Estimate	Present Estimate
1 Main Building	10452	9452
2 Kitchen	803	803
3 Servants' quarters	727	727
4 Coachhouse & Stables	1018	1018
Contingencies 5 p.c. 606 } 564		
Supervision 2½ p.c. 274 } 167		
Total Rs.	13500 +	12500 +
Difference less	Rs: -1000.	

+ Cost of site Rs 500 included in the amounts

Rent Calculation:

	Rs
Estimated Cost of Construction	12000
5 p.c for Est. & Estabt on site	1200
Cost of site	500
Total Capital Cost	Rs: 13700
% on Capital for interest	548
% " " for repairs	411
10 p.c. for Est. & Estabt on repairs	41·1
Total annual rent	1000·1
Total per mensem	83-34
or Rs.	83-5-5

4 The rent to be paid by the medical officer calculated at 8 p.c on the average graded salaries, is Rs 66.4 per mensem — against the calculated rental of Rs 83-5-5. — The sanction of India is necessary.

In the first Estimate the calculated rental was Rs: 90 per mensem — about 7 Rs: in excess of that in the present Estimate.

The plinth area of the ma building is now 3595 sq ft and the cost per sq ft wil Rs: 3-5-5.

The plan & estimate ha not been countersigned by the Surgeon General and require approval in Public Deptt.

25/8/94

Public Works. **(1899) Department.**

CURRENT No. 658

Endt
No. 1066 ~~D~~ d/ 4-9-99
Forwarded U.O. to the Surgeon Genl with the request that the accompanying plan and estimate for constructing a residence for the District Medical and Sanitary Officer at Madura may, if approved, be countersigned and the papers returned as early as practicable.

(Sd) W B Iden.

To The S. G with papers in original to be returned

Endorsement
~~Order~~

Recpd 4/8

From
The Consulting Ar
to the Gov
of Mad

No. 1663

Dated 11th August 1899
Received } 12-8-99
Registered }
Enclosures Plans 1 ~~nil~~ / Others 7 } 8
Spare copies.

Returned to the Consulting Architect with the request that the plan and estimate may be resubmitted after obtaining the countersignature of the Surgeon General thereto

Chief Engineer, P.W.D.

Superseded
Hll 2/9

To
The C. A to Govt with enclosures

SUBJECT.

Submitting plan & estimate for constructing a residence for the District Medical Officer at Madura.

T For check 2/9/1899

4529. 2033 W Sent 6/11

S.S. for further ...
14/12/99

HC

O.h 8.439

BACK PAPERS.

G.O.	No.	Department.	Date.
	2901C	26.6.95	

FURTHER PAPERS.

G.O.	No.	Department.	Date.

[G./75]
2,000—25-11-96.

NOTE FOR THE ~~UNDER~~ Chief SECRETARY.

The P.W.D. rule fo
Calculating average sal
when a residence is t
built for an offici
belonging to a clas
which the pay of [illegible]
may vary according to [illegible]
is to take the average o
highest & lowest rates of
pay which can be draw
by the officers likely to
occupy the building.

2. Madura being a fir
class medical district, the
permanent medical charge
is not likely to be held
by an officer of lower ran
than Major I.M.S. The
average salary is therefore
calculated on the pay of a
Lieut. Col (Rs 1050) & of a
Major (Rs 850). or Rs 950.

3. The draft may be
countersinitialled so far
as this point is concerned.

4. The plan has however
not been countersigned

by the Surgeon Genl., & it should apparently be approved by him before it is finally sanctioned.

Cir 1.9.99. AK 1.9.99.

1/9/99.

To P.W.D. (M.O.)

1.9.99.

to

Draft endorsement to C.E. made on the current.

P.K.S. 2/9/99

Send it direct to the Surgeon Genl. here at once u.o.

4-9-99

Plan & estimate countersigned by the Surgeon General vide en. 86

---

ared 20/9/99

I believe the new District Officers house are a long way from Madura town, & anywhere else there houses will be about ... also for the servants unprovided with godowns. This may make it necessary to build more godowns. Return the papers to Collector u.o. & say that the cost of the building is clearly high & that no further godowns can be built if the Dist. Medl. Officer's servants can find accommodation in the vicinity. Officers cannot expect that all their servants shall live on the premises.

16.10

---

osure No. 9 280

Office of the Consulting Architect to Govt,
Chepauk, Madras,
11th August 1899.

, Esq.,
onsulting Architect
to the Government of Madras

Engineer
lic Works Department

residence
officer

h reference to your office
- dated the 26th June 1899,
u to submit a plan &
e District Medical Officer
Madura.
Estimate has now been
Rs 13500 to Rs 12500.

I have the honour to be
Sir
Your most obedient Servant

Consulting Architect
to Government

mod 7
28/6/99

No. 2901 C

Government of Madras.

P. W. DEPARTMENT.

Madras, 26th June 1899.

OFFICE NOTE.

From

E.W.

residence
office

To

C.A.

Your letter No. 709 d/ 1st /99

As it is consider e

that the Govt of Indi J

will almost certainly obj

to the increased cost of

the residence proposed

be constructed for the

Dt Medl. Officer at Mad

please reduce the amount

to the same as that of

estimates for the Executive

Engineer and ~~the~~ Dt

Forest Officer at that

station & resubmit the

estimate as quickly as

possible

(Sd) W. B de W

E.W.

Return to Records

I
B.
C.S.

D 28/6/99

Seen
5/7

7/7

[P. W. 48.
500 24.3-98.]

Public Works Departme s.

Current No. 4352

Letter No. 709

Dated 1 June 1899

From the Consulting Architect

TECHNICAL NOTE.

Name of Work Constructing a residence for the District medical officer at Madura.

An of Estimate, Rs. 13500

PARTICULARS OF ESTIMATE.

Main Building	Rs.	10452
Kitchen ...		803
Subsidiary Buildings Servants' qrs:		727
Coach House & Stables		1018
Contingencies 5 p.c. 606.	,,	–
Petty Supervision 2½ p.c 274	,,	–
Land Compensation	,,	500
Total Rupees ...		13600

PARTICULARS OF CONSTRUCTION.

Surface soil Loose gravel mixed with sand to a depth of 1 to 1½ ft:

Sub-soil Hard gravel.

Foundations 2 feet deep – of Concrete in lime mortar

Basement 2 ft: high – of coursed rubble in lime mortar.

Walls – those to carry upper Story 18" thick other walls 13½" thick of burnt brick in lime mortar

T.

I shd like to see plans of a D.F.O. residence if available

WCl 16/6.

Dm/

Originals not available C.A.'s office copy is herewith submitted.

P. W. 58.
250—7-10-98.

Plastering or ~~Pointing~~ Interior and Exterior with 2 Coats of lime mortar

Flooring – Lower Story – ~~Lo~~ Rooms – Concrete 6" thick rubbed hard & smooth.
Verandahs & bath rooms, 6" concrete cement plastered.
Terrace floor – 6" Concrete on brick on edge terrace rubbed smooth.

Roofing Terrace – 6" Concrete on brick on edge – plastered with [illegible] plaster
upper story – Mangalore tiles set in mortar over flat tiles.

Doors and Windows Teak of description given in Estimate.

Roof timbers Teak wood.

Scantlings Correct – for girders see remarks.

Rates Checked as far as possible with Dist: Schedule.

The plinth area of the main building is 4053 square feet, and the cost per square foot will be Rs. 2-9-3

The plans and estimates have not been countersigned by the Surgeon General. and ~~and~~ require approval in the Public Depts:

REMARKS.

With reference to G.O. 2604 Dr of 23rd October /95 & Chief Engr's memo No 2286C of 8th May 1899 – the C.A. submits the above named Estimate.

The building is of two stories – the accommodation provided as follows.

Basement floor.

Drawing Room	18' × 16' 7½"
Dining Room	18' × 16'
Right bed room	16 × 17' 4½"
Left " "	18 × 17' 4½"
Office room	12' × 16' 7½"

1 Dressing room & 2 bath rooms

Upper floor.
1 Bed room .. 17' × 18' 4½"
2 Dressing rooms & bath rooms.

C. A. ...

The total load may be taken as 150 lbs. W = 9 tons. Distributed load = 16 × 9 = 144 ft tons. for which 10" × 5" (b) appears fit with coeff [illegible] with a clear span of 10 [illegible]

A Girder 10" deep is barely stiff enough and it will be better to allow 12" × 5" as suggested in the technical notes HLl 18/6

The building resembles that already approved for E.E. and D.F.O but there are slight modifications the principal being that the bed room is over the drawing room instead of dining room and the back of the house faces towards This is presumably done to suit the prevailing wind &c. – but as there is no site plan. I cannot express an opinion. HLl 19/6

Unless there is some special object it would be better to build them all on one plan. I have since writing above seen C.A. He thinks the plan now submitted a slight improvement on the former x It is a little more expensive but the D.M.O is always likely to be a senior man in Madura. HLl 19/6

x herewith

Girders.

Drawing room.
Provided 12" × 5" at 39 lb per ft: found sufficient.

Bed room.
Provided 10" × 5" at 29 lb

Here W = 16' × 8 11/16 × 170 lb = 10½ tons nearly
dead load 90 lb
live load 80 lb
170

16' × 10½ = 168 ft. tons.

A girder 12" × 5" at 32 lb per ft run vide Dorman & Long's tables plate 66. will be preferable.

It is presumed that the load taken by C.A. is only 120 lb ~~dead~~ load but as the terrace over the rooms is likely to receive a crowd – it will be well to take the full load of 170 lb. viz 90 lb for dead load and 80 lbs for live load – as is the practice in this office

The same remark applies to girder in the Dining room.

Calculation for rent

	Rs.
Estimated cost of construction –	13000
10% for E.T. & Plant on cost.	1300
Cost of site –	500
Total Capital Cost.	Rs: 14800
4% on Capital lower interest ..	Rs. ~~792~~ 592
3% on Capital for repairs.	444
10% for E.T. & Plant on repairs	44
Total annual rent	Rs: ~~1280~~ 1080
Total rent per mensem nearly	Rs ~~107~~ 90

The average salary of 5 grades of Dt. Medical Officers viz from
1050
950
850
750
550
5 | 4150
830
is Rs 830 per mensem and 8 p.c on this salary is Rs 66.4 – or say 66 Rs

against the calculated rental of Rs 64⁹⁰/– Therefore the sanction of the Govt. of India is necessary.

The question of site has already been settled – and the area taken up for this block of buildings is valued at Rs 500 – similar to the Exe: Engr's and Forest Officers' residences.

No plans have been sent in for the Out houses – but they are stated to be of the same design as provided for the Exe: Engr. & Forest Officer.

H.E.
16. VI. 99

Dw.

Submitted for orders.

A sum of Rs 40,000 has been provided in the current year's budget for quarters for European officers at Madura, and the present estimate can be met from the budget provision.

16/6/99

The estimate must be returned to C.A. to reduce to same amt as estimate for Dist Forest Offr elsewhere, or Indian [illegible]
~~[illegible] for sanction~~
Mect
~~[illegible] to India~~

After inspection of the site & building & consultation with C.A. I have decided to submit the plan & estimate for sanction as it stands. The house is none too large.
for 3 officers 12600
Exe Engineer 12600

7.3.00

C. A. 500–11-6-97

Public Works (1899) Department.

CURRENT No. 4352

373 W/98

Order

From
The Consulting Architect to the Government of Madras

No. 709

Dated 1st June 1899
Received } 2. 6. 99
Registered }
Enclosures ~~7~~ 8 (1 plan)
Spare copies.

SUBJECT.

Submitting for the approval & sanction of Govt: plans & Estimates amounting to Rs 13,500/ for constructing a residence for the District Medical Officer at Madura

T
? For check
0.25219
220
N.23/6
3/6/99
H.C.

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

C. A. / 1 500-11-6-97.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
1st June 1899.

No. 709

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

To
The Chief Engineer
Public Works Department

Sir,

7 Enclosures.

I have the honour to submit for the approval & sanction of Government plans & Estimates, the latter amounting to Rs 13,50 for constructing a residence for the Distri Medical Officer at Madura.

This completes the residences to be constructed for European officials at Madura, with the exception of the residence for the Collector, referred to in G. O. No. 373 W dated 6th February 18

with G.O 1354-56
d 26 99
+ with Cir 3200
of 00

I have the honour to be
Sir
Your most obedient Servant
Consulting Architect