

- (1) பக்கங்களின் எண்ணிக்கை 20
 (2) புதுக்கித் திருப்பிய நாள் 9.90
 (3) ஆதாரங்குறிப்பவர் கருக்கொப்பம் [Signature]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

(31)

அரசாணை எண். மு. கோப்புத் தாள் எண்.	473	அச்சகம் பலவகை
நாள் : 15-2-1892		199

மடிக்கவோ கண்படி கையாளவோ கூடாது

10 Sheet

ஆவண, கர-1-18,006-15-6-87.

[Signature]

5

15TH FEBRUARY 1892, No. 473 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From Lieutenant-Colonel R. R. E. DRAKE-BROCKMAN, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated 27th January 1892, No. 48 W.

I have the honour to re-transmit the plan and estimates returned with your memo. No. 5324 C., dated 26th November last, for construction of a school-house at Koduvayur, duly countersigned by the President of the District Board, Malabar.

2. The proposed improvements suggested and information required in para. 2 of the memorandum under reference have been attended to and the revised estimates amount to Rs. 7,210 as detailed below:—

	RS.
(1) School-house	6,160
(2) Gymnasium shed	630
(3) Latrine	420
Total	7,210

Note by the Chief Engineer, Public Works Department.

The verandah rafters should not be carried on a continuous line of stone corbeling. Stone corbels at intervals of 5 feet or 6 feet should carry a wall purlin, on which the rafters should rest without being let into the wall, the arrangement being as in the sketch printed with G.O., No. 3120 W., dated 19th November 1891.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

10th February 1892.

ORDER—dated 15th February 1892, No. 473 W., Public Works.

The estimate, amounting to Rs. 7,210, for constructing a school with out-houses at Koduvayur in the Malabar district, is sanctioned.

2. The suggestions of the Chief Engineer in his note recorded above should be carried out during the execution of the work.

3. This sanction has been registered as Local No. 32 W. of 1891-92.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Local and Municipal Department, with 7 enclosures.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated February, 15th.

Recd.

Encl.

G.O., 15th Feb. 1892, No. 473 W.

FEBRUARY.

School with Out-houses at
Koduvayur, Malabar District
Estimate of Rs. 7,210 for constructing a
—, sanctioned with remarks.

Public Works Department.

Current No. 11871
Letter No. 582/
Dated 9th November 1891
From the Super Engineer IV. Circle

TECHNICAL NOTE.

Constructing a School house with
out houses at Koduvayur
Malabar Dist.
Amount of Estimate Rs 7,190

The Super Engineer, IV Circle,
submits for the sanction of Govt.
the above estimate amounting
to Rs 7,190, for constructing a
School house with Gymnasium
shed and latrine for the Kodu-
vayur Middle School in Mal-
abar District.

The amount of the estimate
is made up as follows:-

School house	Rs 6,120
Gymnasium shed	650
Latrine	420
Total	Rs 7,190

The estimate for the Gymna-
sium has been allowed from
B

Shw

Should not this
be L. E. Educational
Dept?
20/11/91

Shw

The Local Board Rules
say nothing on the point,
but please see the papers
attached to G.O. No. 3252,
of 8.12.90, regarding
the L. E. school at
Amalapur.

An office note
from the Chief Secy, of
the 11-90 it was noted
that the approval of the
Sd. Secy. & the counter-
signature of the D. P. I.
were necessary.

In the present
case, it seems necessary
to return the papers
to S. S. IV in view

Rs 650 to Rs 630. in this office owing
to the rate for plastering being re-
duced from Rs 4 to Rs 2.8... as
provided for in the School house
& latrine estimates. The total
estimate as altered is Rs 7170.

The nature of soil is not stated
the foundations are proposed to be
carried to a depth of 3 feet for
the main walls and $1\frac{1}{2}$ ft for the
retaining walls.

The foundations, basement
and superstructure walls will
be built of brick in chunam,
plastered with 2 coats of chun-
nam both interior and exterior.
The floor will be of concrete and
the roof of Mission tiles laid
over rafters and rippers, rafters
placed 2 ft apart, doors and
windows will be as described
in the estimate of teakwood.
Roof timbers will be jungle
wood (Erool).

The scantlings provided in
the estimate are correct.

No provision is made for
painting the doors & windows &
for wood along roof timbers.

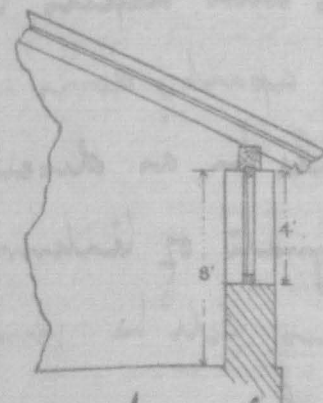
The lintels as at present
designed would not
support the ~~rafters~~
the superstructure
weight of masonry.

The roof is a light
one - Mission tiles
and no ceiling -
and the arrangement
now proposed would
answer but the
brassmum lighter large
abutting -

Yes.

No mention is made either in
the covering letter or in the spec-
ification as to whether the
building is to be built on
Govt. or private land.

The large windows at rear
of copying room 13'9" wide are
provided with wooden lintels
12" wide and 3" thick. It would
perhaps be better to omit the
lintels with the masonry and
wall plates (5"x4") above and
substitute a brassmum say
8'6" x 12" to rest on the square
pillars, raising the sill of the
windows a little higher so
as to notch the window frames
to the brassmum, as per sketch.



This would
prevent the
glare being in
level with the
eyes of the
pupils, while copying.
The window sills may
also be supported on stone
columns, as proposed for the
Officers' Mess at Muthupuram
instead of their ends being
in-

Rs inserted in the wall.

to The rates provided in the
du estimate are fair.

for The plinth area of the main
+ building is 4869 sq ft and the
C superficial ~~and per~~ sq ft will
be Rs 1-4-0.

H The plan and estimates
C are not countersigned by the
President Dist Board.

[Signature]
20.12.91

note.

The Kanaudak roofers
should not be carried
on a continuous
line of stone work.
Stone work at
intervals of 5 or 6'
should carry a
a weak portion in
which the roofers
should rest without
having to cut into the
work, the arrangement
being as in the
sketch printed with
S.O. No 2020 W of 14/11/91

Practical.

over
4.7.92

Public Works Department.

473W

Current No. 988
Letter No. 48W
Dated 27 January 1892
From the Super Engineer IV Circle.

TECHNICAL NOTE.

Constructing a School with out-
houses at Kaduvayan in the
Palghat Taluk, Malabar Dist.
Amount of estimate Rs 7210

The Super Engineer, IV Circle,
recommends the above estimate
with reference to this office
Memo No. 5324 C dated 26th
Novr. 1891.

The suggestions contained
in the Memo under reference
have been attended to & the
estimate revised accordingly.

The amount of the estimate
is separated as follows:

School houses.	Rs 6160
Symposium.	" 630
Latrine	" 420

Total Rs 7210

The nature of soil is stated
to be hard white.

The stone corbels instead of
being placed 5 to 6 ft. apart with
water purlins above, is made
to run the whole length of the
wall without any wall purlins,
as the verandah common rafters
rest in the wall & partly sup-
ported by the stone corbel. It
is thought that if water purlins
be inserted to the corbels placed
at distances, the effect will
be better, as the rafters could
then be raised to the purlins.

The plinth area of the school
is 4869 sq ft & the cost per Super:
fixed for will be Rs 1.4.3.

The plan & estimates have
been countersigned by the
President Dist Board, Malabar.

[Signature]

3-11-92

Nothing is mentioned as to the
side whether compensation is
required.

on note & no plan seems
to pass the estimate. The main
is for the construction of this
school should also be stated.
[Signature]

This is printed for H. S. Kound
Guruvayur

No 48
W Supg. Engineer's Office, IV Circle,
27th January 1892

From
Lt Col. R. A. E. Drake-Brockman R.E.,
Superintending Engineer,
Fourth Circle.

To
The Chief Engineer, *473/16*
P. W. Department.

Sir,
I have the honor to retransmit
the plan and estimates returned with your
Enclos. 5
3 Estimates
1 Specimen
1 Plan
Memorandum No 5324 C dated 26th November
last for construction of a School house
at Koduvayur duly countersigned by
the President of the District Board, Malabar.
The proposed improvements
2 suggested and information required in para
2 of the memo: under reference have been
attended to and the revised estimates
amount to Rs 7210 as detailed below:-

1. School house	Rs 6100-0-0
2. Gymnasium shed	Rs 630-0-0
3. Latrine	" 420-0-0
Total	Rs 7210-0-0

[Signature]

I have the honor to be,
Sir,
Your most obed^t serv^t

Quadrant-Kinchman, Lt Col. R. E.,
Superintending Engineer, IV Circle.

473/7

From

The Supg. Engr
4. Circle

No. 2497 W of 22-10-85
" 2818 W - 25-10-86
" 3120 W - 19-11-91
" 5324 C - 26-1-91

Dated 27 } Jan'y 1892
Despd 29 }

No 48
W

Encls 5 (1 plan)

Constructing a School
House at Kadiyayur

Retransmitting the
estimate amounting to
Rs. 7210/- for — duly
countersigned by the
President of the S. V. Board
Malabar.

2 P.

Note by the Chief Engineer, P.W.D.

473/6

The verandah rafters
should not be carried
on a continuous line of
stone Corbelling. Stone Corbels
at intervals of 5' or 6' should
carry a wall purlin on
which the rafters should
rest without being let
into the wall, the
arrangement being as
in the sketch printed
with G.O. No: 3120 W of
19th November 1890.

over 5/25 L
to EW

PROCEEDINGS OF THE MADRAS GOVERNMENT.

From the S.E. TV Circle No: 48 W of 27 Jan. 1892.
Note by the Chief Engineer P.W.D of 10 Feb. 1892.

READ the following

3 1893/9
The estimate, amounting
to Rs. 7210, for constructing
a school with outhouses
at Koduwayur in the
Malabar District, is
sanctioned.

2. The suggestions of the
Chief Engineer in his note
recorded above, should
be carried out during
the execution of the work.

3. This sanction has
been registered as local
No: 32 W of 1891-92

To
The S.E. TV circle
.. Local and Malabar Dept
with 7 enclos.

7 1/3/92
S. L. S.
1175
over
22/4

69
C No 988

Govt of Madras

PUBLIC WORKS

11/17/92

15th February 92 473 M

School with outhouses
at Kochuvayal,
Malabar District

Estimate of Rs 7,210
for constructing —
Sanctioned with remainder

(10)

60
4

2/16/92