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MADRAS RECORD OFFICE**Government of Madras***Public works***DEPARTMENT**

G.O. No.	1035	Press
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98-99-100		
Dated	3. 4.	1843

Not to be folded or roughly handled

1-1

*Proceedings of the Madras Government, Public Works Department,
3rd April 1873.*

Read the following letters —

No. 98 From the Acting Principal of the Civil Engineering College, to the Secretary to Government, Public Works Department, dated Chepauk, 14th February 1873, No. 688-C.

I HAVE the honour to forward, herewith, a plan and estimate, amounting to Rupees 750, for certain improvements to the upper storey of the residence of the Principal of the Civil Engineering College, which I shall be very much obliged if you will sanction for execution.

2. You will observe that in the uppermost storey there are two bedrooms, but it appears that to only one of these was a regular bath-room originally built. The other room has merely a portion of the wooden verandah on the sea-face enclosed for bathing purposes. This arrangement is most objectionable, because it not only cuts off the sea breeze from the adjoining room but necessitates the passage of the bath-room attendants passing through the principal apartment.

3. It is now proposed to enclose the space marked D with pucca walls and terraced roof and adapt it for a bath-room, and to enclose the at present open space C and the tiled verandah B, and to raise the walls of the stair-case room E and re-roof it, so as to cover all the portions, B, C, D, and E, with a terrace roof on a uniform level.

No. 99 From the Acting Principal of the Civil Engineering College, to the Under Secretary to Government, Public Works Department, dated Chepauk, 1st March 1873, No. 710-C.

IN reply to your No. 191 of the 20th ultimo, I have the honour to inform you that, in my opinion, there is no possibility of executing the work satisfactorily at a less cost than that specified in the estimate forwarded with my letter of the 14th ultimo.

2. The estimate appears heavy for a single bath-room, but it must be recollected that a bath-room being of necessity built on the external side requires the intervening space to be roofed in, and this can only be done by terracing, there being not sufficient height for tiled roofing.

3. Any attempt at a cheaper method will spoil a fine building, while the one I propose will be a great improvement to it.

4. Under these circumstances, I trust that sanction will be accorded to the work, and I accordingly beg to return, herewith, the plan and estimate.

No. 100 ORDER THEREON, 3rd April 1873, No. 1,035.

CIVIL WORKS, No. 4.

THE Principal of the Civil Engineering College will be informed that, if a more economical mode of providing a

bath-room cannot be suggested, the Government are not prepared to sanction the work.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Principal of the Civil Engineering College,
through the Director of Public Instruction.

Exd E. C. Shunker.

and

No 6886 Civil Engineering College
Chepauk 14th February 1873

Thru

Major H. J. Rogers R. E.
J. J. Principal - C. E. College

Colonel G. W. Walker R. E.
Secretary to Government P. W. Department
Fort Saint George

Sir

I have the honor to forward herewith a plan and estimate amounting to Rupees 750-0-0 for certain improvements to the upper story of the residence of the Principal of the C. E. College which I shall be very much obliged if you will sanction for execution.

You will observe that in the uppermost story there are two bedrooms, but it appears that to only one of them was a regular bath room originally built. The other room has merely a portion of the wooden verandah on the sea face enclosed for bathing purposes. This arrangement is most objectionable because it not only cuts off ^{the} sea breeze from the adjoining room but necessitates the passage of the bath room attendants passing through the principal apartment.

It is now proposed to enclose the space marked D with pukka walls and terraced roof and

and adapt it for a bath room & to
enclose the at present open space C and
the tiled verandah B and to raise the walls of
the stair case room E and to roof, so as to
cover all the portions. B C, D and E with a
terrace roof on a uniform level

I have the honor to be

Dear Sir

Yours most obedient Servant

[Signature]
Principal C. B. College

[Handwritten notes in left margin:]
The amount of Rs 1050 is for
recompensing them and
estimated for entrance
improvements to the
of the Principal of the C. B. College, proposed in
the above letter, to interchange the immovable
specimen of the work.

[Handwritten notes at bottom left:]
If the Government Council sanction the
improvements to the C. B. College, proposed in
the above letter, to interchange the immovable
specimen of the work.

Estimate of the probable cost of making certain alterations to
the Principals Quarters Civil Engineering College Madras.

Particulars of work

Measurements Contents Total

No. Sq. Ft. Cub. Ft.

Desmantling

Parapet walls over west room (South)	1	14 1/2	1 1/2	1 1/2	22
Hall under roof of verandah over North bath room	1	14 1/2	1 1/2	1 1/2	36
Parapet walls over west stair case room	1	28 1/2	1	1 1/4	55 3/4
Carrie work all around	1	30 1/2	1	3/4	22 3/4
Hall over Dr. at end of verandah	1	3 1/2	1 1/4	1	4 1/2
Parapet walls & pillars over 2nd story	1	22 1/2	3/4	4	67 1/2
A portion of wall under main roof	1	20	1 1/2	3/4	15
Total of dismantling walls					203 1/2

Demolishing roof

Roof of verandah	1	12	7 1/2		90
Dr. Dr.	1	11 1/2	10 1/2		
Total of demolishing the roof					100
Terrace roof over west stair case room	1	6 1/2	13		84
Total of demolishing the terrace					84

New walls

Dr. on present walls of west stair case room	1	18	1 1/4	3 1/4	32 1/2
Dr. For. Proposed bath room	1	22 1/2	1 1/4	10 1/4	201
Dr. Cross wall	1	10 1/2	1 1/4	10 3/4	175
Parapet walls	1	40 1/2	1 1/4	1 1/4	63
Binding wall over cross wall	1	16 1/2	1 1/4	1	21
Total					592 1/2

Reduction from new walls

Dr. Dr.	1	4	1 1/2	8	110
					40

Particulars of work

Measurements Content Total
ft sq ft 1-4

<u>Deduction (over)</u>	Brought Over				
Window	1	4 1/2	1 1/4	5 1/2	25 1/2
Arch work over doorway	1	5	1 1/4	1 1/2	9 1/2
do Window	1	5 1/2	1 1/4	1 1/2	10 1/4
Total Deduction					85 1/4

Total cft of brick in planum (new walls) 506 1/4

Cornice work Total cft of arch work — do — 20

do around proposed bath room	}	1	45	.	45
& west stair case room					

Total cft of Cornice work — 25

cft of finishing the edge of the main roof with plastering	}	1	20	.	20
See Campbell					

20

Plastering available

Inside New walls over present walls	}	1	$16\frac{2}{3}$	"	$3\frac{1}{2}$	$58\frac{1}{3}$
of west stair case room —						
Halls of proposed bath room —		1	$43\frac{1}{2}$	"	$10\frac{3}{4}$	$467\frac{5}{8}$
Binding wall —		1	$16\frac{5}{8}$	"	$3\frac{1}{4}$	$54\frac{2}{3}$
Outside. Halls of proposed bath room —		1	$22\frac{1}{2}$	"	$10\frac{3}{4}$	$241\frac{7}{8}$
New wall over present walls of	}	1	18	"	$3\frac{1}{2}$	63
west stair case room —						
Parapet wall all around —		1	$40\frac{1}{2}$	"	$3\frac{3}{4}$	$151\frac{7}{8}$
Total —						$1037\frac{3}{8}$

Deduction

Door way	1	4	.	8	32
Window	1	4 1/2	.	5 1/2	24
Total deduction					56

Total cft of plastering

982

Particulars of work

Measurements contents Total

1-5

Total sqs of white washing as per
plastering inside } 5.81
Total sqs of Colored washing as per
plastering outside } 4.57

Wood work

— joists to large room — 12 14 3 1/2 7" 23 1/2
— D₄ to proposed bath room — 8 11 3/4 2 1/2 5" 32 13/36
— Wall plates — 1 40 3/4 4" 2" 2 2/27

Upright posts to increase the
height of the wooden screen } 5 3 3/4 4" 2 1/2 1 29/96
in west ^{stair case} bath room.

Total c_{ft} of Teak wood wrought } 64 1/2
if put up including nails &c complete

N^o of iron clamps to go in the
old & new upright posts in } 5 . . . 5 5
west ^{stair case} bath room

Planing

Wooden planing to increase
the height of wooden screen } 1 10 1/2 3 1/2 " 36 3/4
in west & stair case room

Total sq_{ft} of planing including
painting &c complete } 36 3/4

Embracing

— Large & small rooms — 1 27 19 " 513

Total sqs of Embracing with brick an edge

3" of 9 x 1 1/2 x 3 Corners &c

Particulars of work

Measurements of contents of box
12 2 13 1 16

Wood Ceiling

Large rooms joists in large &
small rooms } 1 23 17½ " 398⅔
Pannelled door both sides 1 4 " 16 64
Window glazed part 1 32 area 32

Total sq. of wood ceiling 49.

Pannelled door (4x8) with
frames shutters & all other
fittings &c. Complete 1 1 1

Window with frames venetian
shutters outside & glazed shutter
inside & all other fittings &c.
Complete including painting.
4½ x 5½ 1 1 2

Qty of Wooden water spouts
including iron clamps &c.
Complete 1 15¾ " " 15¾ 15¾

Picking & replastering the floors
of the large & small rooms 1 11½ 10½ " 117
1 12½ 17½ " 220

Total Sq. of picking & replastering 337

17

Quantity	Description of work	Rate	Per	Amount	Total
203½	Cft of Dismantling walls	" 16	cts	19	1 0
1.21	Sqrs of Dismantling the tiled roof of verandah including removing wooden pillars &c	10	" Sqrs	12	1 8
87	Sqrs of Dismantling the terrace	20	" Sqrs	17	6 5
506½	Cft of Brick in chumam for new walls	" 28	cts	84	5 2
20	Cft of Flat arch work brick in chumam	3 4	cts	4	2 8
45	Pth of Cornice work	" 9 6	cts	26	13 6
20	" of finishing the edge of the main new tiled roof in cornice - Action of Cornice work	" 8	" Dcs	10	" "
9.82	Sqrs of plastering with chumam	4 9	" Sqrs	44	12 11
5.81	Sqrs of white washing inside	" 3	" Sqrs	1	1 5
4.57	Sqrs of Colored washing outside	" 3 10	" Sqrs	1	1 7
64½	Cft of Teak wood wasugth & put up including nails &c Corniche	2 13	" Cts	131	6 6
5	N. of iron clamps to go in the old & new upright posts of wooden screen in west stair case room	1	Each	5	0 4
36¾	Sqrs of planing to increase the height of wooden screen in West stair case room	30	" Sqrs	11	0 5

	Brought over	418	5	9
513	Qty of Larrasing with brick on edge, 3 courses of flat tiles & plastering with chunam &c complete	30	"	Qty 153 14 5
495	Qty of wood oiling	"	12	9 Lys 3 15 2
1	Pannelled door (4x8) with frames shutters & all other fittings &c complete	30	"	Qty 30 "
2	Window with venetian shutters, outside & glazed shutter inside with frames & fittings including painting (4 1/2 x 5 1/2)	30	"	Qty 60 "
15 3/4	Qty of wooden water spouts including iron clamps &c	"	10	9 Qty 10 9 8
3.37	Qty of picking & replastering the floor of large & small rooms	3	"	Qty 10 1 9

Total Rs. 686 14 9

Surplus at per cent 63 1 3

Total Estimated Receipts 750-0-0

C. I. College
11th Feb. 1873

Major P. Z.
Vice Principal C. I. College

Public Works Department
1-1

Letter from the Principal of the
Civil Engineering College dated 1st
March 1873 No 710 C.

Submitted for orders
with reference to the
remarks on letter from
the Principal of the
Civil Engineering College
No 688 B dated 14th

I maintain my
opinion. I am
unable to pass an estimate ^{for a work} which I think
unreasonably costly. G.W.W.

If Major Rogers will
not reduce the estimate
& alter the mode of
providing himself
with a bath room
he must do as his

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not reduce the estimate
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Indepsons have, ^{some} be
content with the
existing accommodation

BN

1035 P. I. D.

Proceedings of the Madras Government
Read the following:-

From,

The Prinl. C.E. College. (H. E. No. 688 B. of 14th Feb/73)

" Do Do (" " " 710 B. of 1st March/73)

The Principal of the
Civil Engineering College will
be informed that if a more
economical mode of providing
a Bath room cannot be
suggested, the Government
are not prepared to sanction
the work

BN

GMW

To
Pl. C.E. College thro' the
The Director of Pub. Insts ✓

Recd 5/4/73

Sp: 1393 71003

Govt. of 1873 Gladias.

PUBLIC WORKS.

The Principal of the
Civil Eng. College

Recd

Recd

Recd

G O 3 April 1035-

Nos. 98-99 & 100

The Principal of the Civil
Engineering College in-
formed that, if a more
economical mode of
providing a Bath room
to his residence cannot
be effected, the prob-
able sanctioning the
work.