

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 823 (VV) Press
Mix.

Dated 1-10-1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

1st October 1877, No. 823 W.

Buildings and Roads.

Civil Works.

Read the following papers :—

No. 26. From R. F. CHISHOLM, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Chepauk, 17th September 1877, No. 1,141.

I HAVE the honor to forward herewith a revised plan and estimate for adding a new photographic room to the Revenue Board Buildings for the Survey Department.

- 1 Plan.
- 1 Estimate.
- 1 Abstract.
- 1 Comparative Statement.

2. The original estimate, amounting to Rupees 5,285, was sanctioned by G.O.,

No. 699, dated 1st March 1877. The present estimate amounts to Rupees 6,578, an excess over the original of Rupees 1,293.

3. The original estimate provided for a flat roof with beams of 30 feet bearing, but I found on inquiry that it was impossible to obtain all these beams in the local market; to avoid delay therefore I altered the form of the roof from a flat roof to a sloping one, and the special precautions taken to keep out the rain and the heat are the main causes of excess between the two estimates. Thus the saving on terracing and woodwork is 798 Rupees, while the excess charge for corrugated roofing and its contingent works amounts to Rupees 1,908; difference Rupees 1,110.

4. This revised estimate was originally submitted to the Survey authorities on the 9th August last, but the papers were unfortunately lost in transit; duplicates were then submitted on the 8th instant and received back countersigned to-day.

No. 2,832.

RETURNED to the Consulting Architect to Government, with the request that the bearings of the trusses may be more clearly delineated on the plan.

(By Order.)

21st September 1877.

(Signed) W. FAREWELL, Col., R.E.,
Dy. Chief Engineer, P.W.D.

No. 26-A. From the Consulting Architect to Government, dated 22nd September 1877, No. 1,152.

No. 27. ORDER THEREON, 1st October 1877, No. 823 W.

THE revised plan and estimate, amounting to Rupees 6,578, for adding a new photographic room to the Revenue Board Buildings are sanctioned. Rupees 5,285

were provided for the work in G.O., No. 302 W, of 26th June 1877, but there are no further funds at the disposal of Government under Provincial. The sum of Rupees 1,293 required to complete the building must, therefore, appear as an excess in the accounts of the current year to be adjusted by the Examiner in the manner pointed out in Financial Proceedings communicated with G.O., No. 207 W, of 25th September 1877.

2. This sanction has been registered as Provincial No. 161 B of 1877-78.

(True Extract.)

Colonel, R.E.
Secretary to Government, P.W.D.

To the Revenue Department.
" District Engineer, Presidency.
" Consulting Architect.
" Examiner of Public Works Accounts.

Comparative Statement of the Original and Revised Estimates for adding a photographic studio to the Revenue Survey Office.

Items	Original Estimate	Revised Estimate	Quantity	Amount	Excess	Saving	Remarks
Brickwork in chimney (3 rd storey)	114	684	"	99	594	"	90
Partition with 2" plank & frames complete	24 1/2	990	"	29	1160	170	"
Oakwood wrought and put up	460	1380	"	377	1131	"	249
Wooden ceiling of 2" planks with charcoal painting	"	"	"	16 1/2	495	495	"
Corrugated iron roofing	"	"	"	17 1/2	696	696	"
Clayed roof with frames	"	"	"	2 1/2	125	125	"
Roofing over stairs with 1/2" shingles	"	"	"	3	75	75	"
Plastering interior two coats	62 1/2	148 7/8	"	47 1/2	112 13	"	35 10
Do exterior with colored bands	35 1/2	159 12	"	25 3/4	115 14	"	43 14
Making up floor	17 1/2	35	"	16 1/2	33	"	2
Painting with 3 coats of carriage paint	37	108 11	"	32 1/4	94 11 9	"	13 15 3
Band painting	"	"	"	65	65	65	"
Exterior cornice	"	"	"	127	63 8	63 8	"
Interior do	"	"	"	75	37 8	37 8	"
Ornamental parapet	"	"	"	127	190 8	190 8	"
Zone fall pipes including fastenings	"	"	"	112	84	84	"
Clayed side to photographic room	"	"	"	"	"	"	"
Do frames complete	56 5	56 5	"	250	250	"	315
Doors	117	117	"	156	156	156	"
Windows	24	30	"	24	30	"	"
Colored glass Bulls eyes	3	6	"	3	6	"	"
Stone slabs under trusses	"	"	"	12	12	12	"
Finishing pinnacles	4	80	"	4	80	"	"
Cast iron shoes for trusses	"	"	"	6	24	24	"
Wrought iron work	"	"	"	2024	379 8	379 8	"
Lead guttering &c including laying	"	"	"	1018	254 8	254 8	"
Teracing	20 1/2	549	"	"	"	"	549
Claying over stairs	3 1/4	81 4	"	"	"	"	81 4
Staircase	1	100	"	"	"	"	100
Contingencies at 5 percent	"	250 14	"	"	313 1 3	62 3 3	"
Total	5285	5285	"	"	6078	2772 11 3	1479 11 3

Total of Revised Estimate 6578 00 0
 Original Estimate sanctioned 4th March 1877 5285 00 0
 Excess Rs. 1293 00 0

L. Sino 823 of 1-10-1877
 Passed for 1877-78
 1877-78

Engr. Archt. Office
 Chepauk 9th Augt 1877

Consulting Archt. to Government

Comparative Statement of
Original and Revised Estimates

For Oct 1900

Holding a Photographic Studio
in the Revenue Survey Office

B5

A4

B4

will consist of corrugated iron carefully put on over purlins with wind ties. Under the purlins $\frac{3}{4}$ " planking will be nailed with a good overlap and the space so formed will be filled in with charcoal, or any other non-conducting substance. The whole of the wood work will be painted.

The exterior of the structure will be made to harmonize with the exterior of the existing buildings.

W. H. Wilson
Consulting Architect
to Govt.

Revised Estimate for adding a Photograph Studio to the Revenue Survey Office.

Detailed quantities

Description	No.	L	B.	D	Contents	Total
<u>Brickwork in Chinnam</u>						
walls	131.0	1.3	13.9	2252		
gable	1	19.0	1.3	3.6	83	
Pinnacles	3	2.0	2.0	13.9	165	
do.	4	2.0	2.0	14.0	224	2724

Reductions

Dors, flat arches $\frac{2}{3}$ of	3	3.0	1.3	6.6	49	
Windows do.	1	3.0	1.3	4.0	10	

Sub. feet 59
2665

Sub. Yards 99

Framed partitions with $\frac{1}{2}$ " planking and frames complete.

✓	56.12	16.3	912	
✓	18.6	16.3	301	
✓	38.0	15.3	366	
✓	27.0	15.3	412	
✓	8.6	30.0	255	
✓	8.6	17.0	145	
✓	26.3	23.6	617	3008

Reductions

Dors	5	3.0	6.6	90	
Windows	1	3.0	4.0	12	110

Sup. feet 2898

Squares 29

Take word

Trusses	Tie beams	6	31.30.60.9	70
	Principal rafters	12	15.15.0.60.6	45
	Struts	12	3.90.40.4	5
	do	12	3.90.40.4	5
	Straining pieces	6	6.00.40.2	3
	Fishing pieces	12	6.00.90.3	14
	Purlins	42	0.30.6	83
	Plank under gutters	108	0.1.40.1	15
	Breastsummers	2	12.00.40.4	3
	Uprights for stairs	2	30.00.60.6	15
	do	2	28.00.60.6	14
	do	3	19.60.60.6	15
	do	3	17.30.60.6	13
	do	2	11.60.60.6	8
	do	2	9.30.60.6	5
Braces for	do	13	4.20.60.3	7
Stringers		4	17.01.00.4	25
Rafters		2	28.00.60.3	6
do		2	34.60.60.3	8
do		2	6.00.60.3	2
Straining pieces		4	6.00.20.2	1
Struts		4	6.00.20.2	1
do		4	9.30.30.2	2
Planking		32	0.4.20.3/4	14

Cubic feet 377

Wooden ceiling of 3/4" planking with charcoal packing

57.0 29.0 1653 Sup ft

Squares 16 1/2

Corrugated Iron roofing

58.0 30.0 1740 Sup ft

Squares 17 3/4

Glazed roof with frames

12.0 21.0 252 Sup ft

Squares 2 1/2

Roofing over Staircase with 1/2" shingles.

2 30.6 5.0 305 S. ft

Squares 3.

Plastering interior (two coats)

339.0 14.0 4746 S. ft

Squares 47 1/2

Plastering exterior with colored bands

171.3 15.0 2569 S. ft

Squares 25 3/4

Making up floor

1 64.9 18.6 1198

1 53.3 8.0 426

dorr pieces
do

3 3.0 1.3 11

5 3.0 0.6 8

1643 S. ft

Squares 16 1/2

Painting with 3 coats of Carson's paint

Dorr

2 136 = 312

Windows

3 24 = 72

glazed sides

2 250 = 500

partitions

2 1017 = 2034

Shingles.

1 305 = 305

S. ft 3223

Squares 32 1/4

Hand railing for stairs

65 Linear feet

Exterior cornice

127 — 0° —

Interior — do —

75 — 0° —

Ornamental parapet

Zinc fall pipes

Glazed sides to Photo. room
including frames

Doors

Windows

Glazed glass bulls eyes for dark room 3 in number

Stone slabs under trusses

Pinnacles

Cast Iron shoes for trusses

Wrought Ironwork in trusses

King rods & en
wind ties

Lead sheeting for gutters 1/16" thick

127 Linear feet
8 14.0 112 L.ft

29 7/2 13.0 250 L.ft

8 3.0 6.6 156 L.ft

2 3.0 4.0 24 L.ft

12 do

11 do

6 do

500
1524

2024 lb.

1018 lb.

Provincial
Original works

Civil Buildings
Miscellaneous

Revised Estimate for adding a Photographic
Studio to the Revenue Survey Office

Abstract

Quantity	Item	Rate	Per Amount
99 6/12	Brickwork in Churnam 3rd storey	6 .. 6/12	594 ..
9 1/2	Partitions with 1/2" plank frames complete	40 .. 1/2	1160 ..
377 6/12	Teakwood wrought & put up	3 .. 6/12	1131 ..
16 1/2	Wooden ceiling of 3/4" planks with charcoal packing	30 .. 1/2	495 ..
17 3/5	Corrugated Iron roofing	40 ..	696 ..
2 1/2	Glazed roof with frames complete	50 ..	125 ..
3	Roofing over stairs with 1/2" shingles	25 ..	75 ..
47 1/2	Plastering interior two coats	2 6 ..	112 1/2 ..
25 3/4	Plastering exterior with colored bands	4 8 ..	115 1/4 ..
16 1/2	Making up floor	2 ..	33 ..
22 1/4	Painting with 3 coats of Carson's paint	2 15 ..	94 1/4 ..
65 L.ft	Hand railing	1 .. 1/2	65 ..
127	Exterior cornice	8 ..	638 ..
75	Interior do	8 ..	378 ..
127	Ornamental parapet	1 8 ..	190 8 ..
112	Zinc fall pipes including fastenings	12 ..	84 ..
250 1/4	Glazed sides to Photographic room with frames complete	1 .. 1/4	250 ..
156	Doors	1 ..	156 ..
24	Windows	1 4 ..	30 ..
3	Bolned glass bulls eyes	2 .. each	6 ..
12	Stone slabs under trusses	1 ..	12 ..
4	Finishing Pinnacles	20 ..	80 ..
6	Cast Iron shoes for trusses	4 ..	24 ..

Carried over Rs. 5630 1/4 9

Brought forward P.P. 5630 149

2024th Wrought Iron work

1018 . Lead guttering & including laying

- 3. 16 3794.

- 4. . 2548.

Contingencies at 5 per cent

6264 149

31313

Total Rupees 6578

Rupees Six thousand five hundred & seventy eight.

Consulting Architects Office,
9th August 1877

R. M. Wilson
Consulting Architect to Govt

Chf. Engineer & Major

Asst. Engr. Keeling

In Superintendent's Office

14. Sep. /77

Provincial
Original works

Civil Buildings.
Miscellaneous.

Revised Estimate for adding
a Photographic Studio to the
Revenue Survey Office.

Rupees. — 6578 " 0 " 0

G.O. 1st October 1877. J.B.W. 26A

Consy Archt^l Office.
9th August 1877.

Provincial
Original works

Civil Buildings.
Miscellaneous

Revised Estimate for adding a Photographic Studio to the
Revenue Survey Office.

Abstract.

Quantity	Item	Rate	Per	Amount
99 Cys ^{ts}	Brickwork in chumarn 3 rd story —	6	..	Cys ^{ts} 594 " "
29 sq ^{rs}	Partitions with $\frac{1}{2}$ " planks & frames complete	40	..	sq ^{rs} 1160 " "
377 Lft	Teakwood wrought and put up —	3	..	Lft 1131 " "
16 $\frac{1}{2}$ sq ^{rs}	Wooden ceiling of $\frac{3}{4}$ " planks with charcoal packing —	30	..	sq ^{rs} 495 " "
17 $\frac{3}{8}$ "	Corrugated iron roofing —	40	..	" 696 " "
2 $\frac{1}{2}$ "	Glaed roof with frames —	50	..	" 125 " "
3 "	Roofing over stairs with $\frac{1}{2}$ " shingles	25	..	" 75 " "
47 $\frac{1}{2}$ "	Plastering interior (two coats) —	2	6	" 112 13 "
25 $\frac{3}{4}$ "	" " exterior with colored bands	4	8	" 115 14 "
16 $\frac{1}{2}$ "	Making up floor —	2	..	" 33 " "
33 $\frac{1}{4}$ "	Painting with 3 coats of Carsons paint	2	15	" 94 11 9
65 Lft	Hand railing —	1	..	Lft 65 " "
127 "	Exterior Cornice —	"	8	" 63 8 "
75 "	Interior " —	"	8	" 37 8 "
127 "	Ornamental parapet —	1	8	" 190 8 "
112 "	Zinc fall pipes including fastenings	"	12	" 84 " "
250 sq ^{ft}	Glaed sides to Photographic room with frames complete —	1	..	sq ^{ft} 250 " "
156 "	Doors —	1	..	" 156
24 "	Windows —	1	4	" 30 " "
3 N.	Colored glass Bulls eyes —	2	..	sach 6 " "

12	No Stone slabs under trusses	1	.. sack	12	..
4	" Finishing Pinnacles	20	..	80	..
6	" Cast iron shoes for trusses	4	..	24	..
2024	lb Wrought iron work	"	3 .. lb	379	8 ..
1018	" Lead guttering &c including laying	"	4 ..	264	8 ..

6264 14 9

Contingencies at 5 percent

 313 1 3

Total Rupees - 6578 ..

Cons'g Archt's Office
9th Aug^r 1877.

Rupees Six thousand five hundred & Seventy eight

M. H. Wilson

Consulting Archt. to Government

Signedy C. C. Sargeant Major
Asst^t Supt^t Revenue Survey
for Supt^t of Survey

14th September 1877.

ROADS AND BUILDINGS.

No. 1152

CONSULTING ARCHITECT'S OFFICE,
Chopank, 22nd September 1877.

FROM

THE CONSULTING ARCHITECT TO GOVERNMENT,

TO

THE CHIEF ENGINEER, PUBLIC WORKS DEPARTMENT,
BUILDINGS AND ROADS BRANCH.

SIR,

Provincial. Civil Buildings
Original works. Miscellaneous.

Revised Estimate for adding
a Photographic Studio to the
Revenue Survey Office.

Ruppes 6578 " 0 " 0

6912 26/11/77 26/11/77

Consul Archt's Office
9th August 1877.

Enclosures.

- 1 Plan
- 1 Estimate
- 1 Abstract
- 1 Comparative Statement.

In compliance with your Memo No 2832
dated the 21st September 1877 I have the honor
to return the drawing of the Photographic
Studio with the bearing of the truss delineated
by dotted lines.

The truss has a 15° bearing on a stone 2 ft
long.

I have the honor to be
Sir

your most Obedt servant.

W. Christen.
Consul Archt. to Government

Miss 7th March 1876. No. 41.
Go. 1 " 1877 " 699.

ROADS AND BUILDINGS.

From
The Consulting Architect
to Government,

To
The Chief Engineer, P. W. Department,
Buildings and Roads Branch.

No. 1152

Dated 22nd September 1877
Received

No. of ENCLOSURES. 4

Returns plan of Photographic
Studio with additional information.

G.O. 1st October 1877. No. 268

28-9-77 21-10-77

ROADS AND BUILDINGS.

CONSULTING ARCHITECT'S OFFICE,

Chepauk, 17th September 1877.

No. 1141

FROM
THE CONSULTING ARCHITECT TO GOVERNMENT,

TO
THE CHIEF ENGINEER, PUBLIC WORKS DEPARTMENT,
BUILDINGS AND ROADS BRANCH.

SIR,

Enclosures.

- 1 Plan
- 1 Estimate
- 1 Abstract
- 1 Comparative Statement.

I have the honor to forward herewith a revised plan and Estimate for adding a new photographic room to the Revenue Board Buildings for the Survey Department.

2/ The Original Estimate amounting to Rupees 5,285/- was sanctioned by G. O. No. 699 dated 1st March 1877. The present Estimate amounts to Rupees 6,578/- an excess over the Original of Rupees - 1,293 " 0 " 0.

3/ The Original Estimate provided for a flat roof with beams of 30 ft bearing but I found on enquiry that it was impossible to obtain all these beams in the local market, to avoid delay therefore, I altered the form of the roof, from a flat roof to a sloping one, and the special precautions taken to keep out the rain and the heat, are the main causes of excess

of Rs 1293 required to
complete the building
must therefore appear
as an excess in the
accounts of the current
year & be adjusted by
the Examiner in the
manner pointed out
in Financial Pro-
ceedings communicated
with Lr. Oler 207 & of 25
September 1877. W.

29.9.77
GCT

This sanction has been
registered as Provincial No. 16/13
of 1877-78.

to
the Revenue Dept. 21
" D.C. Presidency 6
" Consulting Architect 3
" Exr. P. W. Accounts 5

Desp. 8-10-77

17

10/6/77

Copied 9/15

of 1877
PUBLIC WORKS.

Dated Rev. Dept.

Issued

Recd.

Encl.

1/1/77 No. 823 w

Nos. 26-27

Revenue Board Buildings
Chepank. - Variations re-
vised plan estimate amount-
ing to Rs. 6570 for adding a new
Photographic room to the

Subd. Insp.
10.10.77