

Fw 7a

The University of Chicago

Office of the Counsel and Business Manager

Sent from PRESIDENT'S OFFICE

FEB 25 1924

to Mr. Duft

Upon return send to FILES

Received files 28 g.

ROOM 1838, 230 SOUTH CLARK ST.

TELEPHONE FRANKLIN 914

ROOM 1838, 230 SOUTH CLARK ST.

TELEPHONE DEARBORN 9312

January Twenty Eight
1 9 2 4

Dr. Ernest D. Burton,
The University of Chicago.

My dear Dr. Burton:

I am sending herewith the drawings
for the proposed motion picture equipment,
Mandel Hall.

The general estimates of cost are
as follows:

General work	\$7900.
Electrical work	830.
Motion picture machine	2000.
Architects fees, screen, extras	<u>1270.</u>
Total	\$12,000.

There will be a charge, in addition,
for operator's time.

The total cost as above shown might
be reduced somewhat upon final bids and closer
study of details; but I believe the total in-
vestment will be approximately \$10,000 as the
lowest limit.

I have not been able as yet to confer
with Prof. F. R. Moulton or with those members
of the School of Education who are working with
motion pictures as an educational matter. Also
I have not discussed the matter with the Director
of the Reynolds Club, who, you will recall, raised
the question. I return his letter to you dated
November 6th.

If it has not already been done, I sug-
gest that Messrs. Moulton, Nelson and a representa-
tive of the School of Education group investigate
and report on the total educational and social
need for this type of equipment. The justification
for the \$10,000 investment could then be more easily
determined.

The University of Chicago

Department of Chemistry

January Twenty Eight

1934

Mr. Ernest O. Rutherford
The University of Chicago

My dear Mr. Rutherford:

I am sending herewith the drawings
for the proposed nuclear reactor experiment.
Enclosed also.

The general estimate of cost is
as follows:

General work	\$7500.
Electrical work	500.
Material and machine	2000.
Administration, services, etc.	1500.
Total	\$11,000.

There will be a charge, in addition
for operating a year.

The total cost as above shown might
be reduced somewhat upon final bids and closer
study of details; but I believe the total in-
vestment will be approximately \$10,000 at the
lowest limit.

I have not been able as yet to confer
with Prof. F. E. Newton or with those members
of the School of Mines who are working with
nuclear physics as an educational matter. I
have not discussed the matter with the staff
of the University Club, who will really control
the question. I return his letter to you dated
November 22.

It is not yet decided whether I am
to go to the University of Chicago and a representa-
tive of the School of Mines to give instruction
and research in the field of nuclear physics and
radioactivity. The Institution
need for this type of equipment. The Institution
for the \$10,000 investment would then be more easily
obtained.

Dr. Burton.


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1/28/24.

The accompanying plans are subject to the approval of the Building Department. This will require the passage of a special ordinance which I understand from Commissioner Doherty will have his approval. It will, however, be unwise to seek to have the building code amended unless the University is reasonably sure of making these changes in Mandel Hall.

GOF:EB
Enc.

Very truly yours,



G. O. Fairweather.

1/25/34

-2-

Dr. Burton

The accompanying plans are subject to the
approval of the Building Department. Plans will not
be the basis of a special ordinance which
understand from Commissioner Doherty will have his
approval. It will, however, be wise to seek to
have the building code amended unless the University
is reasonably sure of making these changes in model
bill.

Very truly yours,
[Signature]
C. O. Patterson

Enc.