

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
CHICAGO 1

FRANCIS S. LORENZ
DIRECTOR

DIVISION OF HIGHWAYS
DIVISION OF WATERWAYS
DIVISION OF ARCHITECTURE

September 20, 1963

Mr. Ralph Newsum, Chairman
Illinois Commission on New York World's Fair
Room 533, 160 North LaSalle Street
Chicago 1

Dear Mr. Newsum:

This letter will serve as confirmation of the designation of the architectural firm of Skidmore, Owings & Merrill.

It is expected that with their appointment they will assume the entire supervisory duties as Supervising Architect and certification of all payments required to be made on this project and in other ways act as agent for the State in connection with the planned building. It will be expected however, that upon completion of the building and before final payment and acceptance by the State that the Division of Architecture & Engineering of the Department of Public Works & Buildings will review all accounts and make final inspection.

This letter will also serve to confirm the selection of George A. Fuller, Inc. as the general contractor.

Yours very truly,

Francis S. Lorenz
Director

FCL
jl

COPY

SKIDMORE, OWINGS & MERRILL

Architects / Engineers

30 West Monroe Street, Chicago 3, Illinois

RECEIVED DEC 12 1963

FJW PD

Skidmore, Owings & Merrill

December 11, 1963

Mr. Peter DeJongh
George A. Fuller Co.
597 Madison Ave.
New York, New York 10022

Re: Illinois Exhibit - N.Y. World's Fair

Owner has directed us to delay masonry work on north wall of building from 20 feet west to 20 feet east of Column C-10.

Additional doors under consideration. Paul Marzen will call job Thursday morning. Information on number, size, and location later.

J. Schruben
30 W. Monroe
Chicago 3, Illinois

Confirming copy: Mr. DeJongh

cc: R. Newman, Ill. Com.
J. Cassin, Ill. Com.

New York, New York

Chicago, Illinois

San Francisco, California

Portland, Oregon

Fuller Building
57th St & Madison Ave

New York 22

December 16, 1963

ZXC: RALPH NEWMAN
JAMES CASSIN
VICTOR GREENE
WILL EURTIN
CARL MEYERS
PAUL HARKEN
JHS

Mr. John Schruben
Skidmore, Owings and Merrill Architects
30 West Monroe Street
Chicago, Illinois

Dear John:

JHS 12-19-63

Re: State of Illinois Exhibit Pavilion
New York World's Fair 1964-1965

Although I am fully aware of the fact the Owner or Tenants are still in the process of determining what their final requirements are, we have come to a point where further changes are going to be detrimental to the progress of the job.

If we encounter seasonable weather we expect our masonry to be finished in two weeks; and any holdup will not only delay but will be costly.

Starting Monday, the roof deck will start and be finished in two (2) days and roofing will follow immediately.

All concrete except for slab on ground is completed. Monday, December 16th, we will start digging trenches required for the electrical conduit and must start pouring slab on ground not later than January 1st, 1964.

All our major subcontracts have been let and all mechanical trades are ordering material based on present layouts - again, stoppage will seriously hamper our progress.

We therefore ask your cooperation to settle any loose ends immediately.

As you know the scope of the work has substantially increased since we submitted our latest budget. No doubt these changes are required as a result of Exhibitor's changes. We, of course, are proceeding with your latest set of drawings and am in the process of adjusting the budget which will be much more realistic this time due to the fact that all major items have been purchased. As soon as I have completed my analysis we should set up a meeting with you and the Illinois State Commission to review the anticipated final cost so there will be no doubt we will be reimbursed.

Very truly yours,

GEORGE A. FULLER COMPANY

Peter F. Dejongh

Peter F. Dejongh
Chief Structural Engineer

PFD/ka

RECEIVED JAN 7 1964

George A. Fuller Company
Building Construction

Fuller Building

57th St. & Madison Ave.

New York 22

(Handwritten initials)

BOSTON

CHICAGO

DALLAS

LOS ANGELES

PITTSBURGH

WASHINGTON

January 2, 1964

Mr. John Schruben
Skidmore, Owings and Merrill, Architects
30 West Monroe Street
Chicago, Illinois

ZXC: RALPH NEWMAN
JAMES COSSIN
PAUL MARXEN
JAS

Re: State of Illinois Exhibit Pavilion
New York World's Fair 1964-1965

Dear John: *AT 1-6-64*

Confirming our telephone conversation due to the severe winter weather we are encountering, the job has virtually come to a standstill.

For the last week to ten days the weather has not reached a temperature over 30°. The weather predictions for the month of January is discouraging and as you know unless we can proceed with the masonry which is approximately 30% complete we may be faced with the fact the building cannot be completed on schedule.

In order to get the job moving under these conditions we must provide winter protection which consists of completely enclosing with canvas and heating the interior by use of salamanders. Once we start heating the building it will be not only for the completing of our masonry but in addition it will be necessary to defrost the ground in order to pour our slab on ground as well as digging of trenches for the mechanical trades. Around the clock heating will be required.

We estimate the cost involved will be approximately THREE THOUSAND DOLLARS (\$3,000.00) weekly. There is, of course, no way of knowing just how many weeks will be involved.

As you know, we have no funds in our budget for this unexpected winter condition. Will you kindly let us know immediately whether or not the Illinois Commission will authorize the expenditure for winter protection or shut down this job until there is a definite break in the weather.

Very truly yours,

GEORGE A. FULLER COMPANY

Peter F. Dejongh
Peter F. Dejongh
Chief Structural Engineer

PFJ/ka

COPY

Z. K. FIDMORE, OWINGS & MERRILL
Architects / Engineers

30 West Monroe Street, Chicago 3, Illinois

January 2, 1964

Mr. Peter DeJongh
George A. Fuller Co.
577 Madison Avenue
New York 22, New York

RECEIVED

(GAT)

Subject: Illinois Exhibit - New York World's Fair

Dear Mr. DeJongh:

As you may have concluded from recent discussions, it is now the Commission's intent to use the main entrance foyer for a considerably more intense "pre-show" than was anticipated earlier. This is the reason for the addition of the pair of exit doors on the west, and in the future it is anticipated that an elaborate set of cue rails and turnstiles will be added. There may also be revisions to the lighting system, additional speakers, projectors, etc. Whereas all of these will increase the costs by substantial amounts, they are not as serious as a new item which now faces us. This is a possible revision of the ventilating and air conditioning work in the pre-show area.

WED has complained that the present partial air conditioning is inadequate and we have been requested to advise what improvements could be made with what results and at what increased costs.

Our calculations of the present system indicate that the maximum temperature rise would be approximately 25°, or to 115° on a day when the outdoor temperature is 90°. Whereas this is considerably less than WED's estimate of 132° to 140°, it is still considered unacceptable by the Commission.

The real problem with air conditioning this room is its 20 ft. x 12 ft. open entrance neck (approximately 15% of the floor area) which allows the chilled (heavy) air to flow out at a rapid rate without being captured for recirculation. Additional baffling of this neck area may be necessary if air conditioning is to be considered.

January 2, 1964

The addition of ventilation would be more easily accommodated since the open neck would be advantageous rather than injurious to such a system. However, ventilation alone will provide comfort only by air movement and reduction of the temperature rise.

In any case, to resolve the problem, we need a quick "guesstimate" of costs for the following three systems:

1. Provide two Trane Co. # CRD-4) centrifugal roof ventilators, 15,000 CFM capacity, 1-1/2 H.P. two speed motors, automatic shutters, electric circuits, etc., installed on the roof. These units will stand approximately 6-1/2 feet above the roof and will be totally objectionable in appearance. However, we have not been able to find another reasonable solution in the short period of time available and will develop something else if possible and necessary at a later date.

This system would provide a substantial flow of air for cooling and would limit the temperature rise to approximately 5°.

2. Provide two floor mounted 15-ton self-contained air conditioning units, Trane Co. # SA 15, plus a single 30-ton condenser unit, Trane Co. # AC 300 mounted in the transformer enclosure, complete with piping electrical circuits, thermostatic control, etc., and including an expansion of the transformer enclosure, 10 ft. to the north.

This system would do a fair job of cooling and provide a considerable measure of dehumidification. Approximately 15 sq. ft. of floor space will be required for each unit.

3. Provide a 40-ton system similar to the theater system with the fan-coil unit suspended from the ceiling (Trane #41 low-pressure draw-through climate-changer) and the compressor-condenser unit located in the transformer enclosure (Trane #RA 400), complete with piping, electrical circuits, thermostatic control, etc., and including an expansion of the transformer enclosure, 10 ft. to the north.

Mr. Peter DeJongh

- 2 -

January 2, 1964

In addition to avoiding the use of floor space, this system would do a slightly better job of cooling and dehumidifying (additional damage) and would produce somewhat less noise due to its location and the absence of compressors.

In figuring costs on the above three systems, please assure that the present capacity of the transformer and main switchgear is satisfactory, although this must be checked more closely when time permits. It would appear that our worst condition might be during a T.V. taping session, and it is assumed that the pre-show might be shut down at that time.

These estimates need not be too exact since they will serve only to make a decision as to whether a revision can be authorized and, if so, which system. In making your reply, could you also comment on the probability of getting each system installed along with other work without delaying the project excessively.

Naturally, we would like your reply to be as soon as possible. We would prepare the estimates ourselves except that we are completely baffled by the unusual price ranges for work at the fairgrounds.

Very truly yours,

SKIDMORE, OWINGS & MERRILL



J. H. Schruben

JHS:bms

cc: Mr. DeJongh (2)
Mr. R. Newman, III, Com.
Mr. J. Cassin, III, Com.
Mr. V. Greene, WED Int.