

ADDENDUM NO. 1

For

EROS DATA CENTER

DATA HANDLING BUILDING AND SUPPORT FACILITIES

IN THE SIOUX FALLS AREA, SOUTH DAKOTA

PROJECT NO. 14-08-001-12725

Sioux Falls Industrial and Development Foundation, Inc.

101 West Ninth Street

Sioux Falls, South Dakota - 57102

Bids Due: February 3, 1972

Dated: January 12, 1972

NOTE: THE BIDDER SHALL NOTE RECEIPT AND ACKNOWLEDGEMENT OF THIS ADDENDUM ON HIS PROPOSAL AND INCORPORATE ITS PROVISIONS IN HIS BID.

SPECIFICATIONS

VOLUME I

1. INSTRUCTIONS TO BIDDERS

I. PROPOSALS:

Page 1 of 7, Bottom Paragraph, insert - February 3, 1972, following words "Central Standard Time".

VII. TIME FOR COMPLETION AND LIQUIDATED DAMAGES:

Page 6 of 7, First line of first paragraph shall be changed to read - "All work must be completed within 395 consecutive calendar days following the written notice of award of Contract issued to the successful bidder and.....".

2. PROPOSAL

VI. TIME FOR COMPLETION OF THE WORK AND LIQUIDATED DAMAGES:

Page 3 of 4, The paragraph should be changed to read - "The undersigned agrees, if awarded the Contract, to commence work within (30) calendar days after date of award of Contract, and to complete the Contract work within 395 consecutive calendar days following the written notice of award of Contract issued to the successful bidder; and further, agrees to pay as liquidated damages, the sum of \$1,000.00 for each consecutive calendar day thereafter as provided in Article 2-05, "COMMENCEMENT; COMPLETION; LIQUIDATED DAMAGES" of the SPECIAL CONDITIONS."

3. ALTERNATE PROPOSAL FORM

Contractor shall use an Alternate Proposal Form, for any Alternates he wishes to propose, similar to the form included with these Documents.

4. AGREEMENT

Page 1 of 3, Third Paragraph should be changed to read - "Second: The Contractor shall complete the whole of the work comprehended in the Agreement within 395 consecutive calendar days following the written notice of award of Contract issued to the successful bidder and agrees to pay as liquidated damages, the sum of \$1,000.00 for each consecutive calendar day thereafter as provided in Article 2-05, "COMMENCEMENT; COMPLETION; LIQUIDATED DAMAGES" of the SPECIAL CONDITIONS."

5. GENERAL CONDITIONS

Page 1-6, Paragraph 2-09 - CONTRACTOR'S ADMINISTRATION AND SUPERVISION OF THE WORK: SCHEDULES - Sub-section (a) - Third Paragraph - At the end of the first line substitute the words "qualified personnel" in lieu of the words "a qualified mechanical engineer".

Page 1-24, Paragraph 1-26 - TRADE REGULATIONS - Delete the last paragraph in entirety.

Page 1-30, Paragraph 1-33 - DELAYS AND EXTENSIONS OF TIME - On the 7th line of the last paragraph after the words "beyond the Contractor's control" insert the following words - "strikes and/or labor disputes".

Page 1-34, Paragraph 1-39 - PAYMENTS - In the top paragraph, line #5 - substitute the words "ninety per cent (90%)" in lieu of the words "fifty per cent (50%)".

6. SPECIAL CONDITIONS

Page 2-2, Paragraph 2-04 - COMMENCEMENT; COMPLETION; LIQUIDATED DAMAGES - Paragraph (b) - First sentence shall be changed to read - "The Contractor shall prosecute the work regularly, diligently, and uninterruptedly and in accordance with the approved Construction Progress Schedule, at such rate of progress as will ensure full completion thereof within 395 consecutive calendar days following the written notice of award of Contract issued to the successful bidder."

VOLUME II

GENERAL: In reference to the technical specification sections under submittals and where contractor is to submit "For information only, submit copies of manufacturer's....., it is intended to mean that contractor shall furnish manufacturer's specifications and installation instructions only if/where available.

1. SECTION 3C1 - CONCRETE REINFORCEMENT

Page 3C1-2, Line 6 - Underlined words shall be changed to read - "For exterior exposed-to-view concrete".

2. SECTION 5A5 - STEEL JOISTS

Page 5A5-2:

Line 26 - Substitute word "attached" for "suspended".

Line 30 - Add sentence - "Extend full section bottom chords where indicated to be fastened to columns or beam framing".

3. SECTION 6G3 - WOOD CASEWORK

Page 6G3-2 - Line 13 - Delete - "All work shall be Premium Grade".

4. SECTION 7E2 - LAMINATED VAPOR BARRIERS

Vapor barrier shall be applied to metal deck with non-flammable adhesive only, and not steep asphalt.

5. SECTION 7G3 - ROOF AND DECK INSULATION

Page 7G3-3 - Delete Lines 37, 38, 39.

6. SECTION 7J1 - ROOFING, GENERAL

Page 7J1-3 - Lines 12, 13 - Delete as follows - "or at rates more rapid than indicated by manufacturers published literature".

7. SECTION 9N5 - FLUID APPLIED FLOORING

Page 9N5-1 - Delete Lines 28, 29, 30.

Page 9N5-6 - Delete Lines 1, 2, 3, 4.

(Reinforcing mesh will not be required).

8. SECTION 10Z1 - MISCELLANEOUS BUILDING SPECIALTIES

Page 10Z1-3 - Line 4 - "Size of screens to be 8'-0" high x 8'-0" wide.

9. SECTION 14L1 - MATERIAL HANDLING SYSTEM

Page 14L1-1 - Line 32 - Change 4" to 3".

VOLUME III

1. SECTION 16B1 - ELECTRICAL SPECIFICATIONS

Page 16B1-47 - Line 11 - Change Simplex Time Recorder Type to "4208AX-B18H1H2H1ES".

DRAWINGS

1. SHEET NO. 3-6

Note #3 to read - "2-1/2" min. insulation thickness including 3/4" EVG.

2. SHEET NO. 3-9

Owner to provide 5 wall hung fire extinguishers as follows:

- 2 - Room 1 - CO₂.
- 1 - Room 2 - Water.
- 1 - Room 6 - CO₂.
- 1 - Room 8 - CO₂.

3. SHEET NO. 5-2

Det. 22, 23 - Only one subcaulking member, (Rod Stock) is necessary.

4. SHEET NO. 5-3

Note #1 to read same as Note 3 - Sheet 3-6.

5. SHEET NO. 5-5

Detail 7:

Change 1/2" EVG to read 3/4" EVG.

Tapered insulation 2-1/2" min. - change to read - 2-1/2" min. incl. 3/4" EVG.

6. SHEET NO. 5-6
Door 69 - Change door elevation from F to H.
7. SHEET NO. 5-7
Detail 16, 17, 21 - Change 4-1/2" height to read 5".
8. SHEET NO. 7-1A - Add General Note:
4. Sidewalk Slabs: All sidewalks having granite chip finish shall be reinforced with 66-66 mesh. All other sidewalks shall be 4" concrete with no reinforcing.
9. SHEET NO. 7-2A - Add to Pier Schedule:

X19	Elev. Top of Pier	80'-11"
	Size	16" x 16"
	Reinforcing	6 - #6
	Ties	#3 @ 14" o.c.
10. SHEET NO. 7-2C
Beam Connection Designation at Grid Lines:
R11 Change b7 & b10 to b17.
N11 Change b7 & b10 to b17.
N27 Change b17 to b16.
Bearing Plate at Grid Line C11 - use 15" x 1" x 15".
11. SHEETS 7-3C AND 7-3D
4" reinforced concrete slabs for penthouse floors shall have temperature reinforcing #3 @ 12" o.c. transverse to main reinforcing.
12. SHEET NO. 7-3D
Detail b8 Add - W21 x 73 - 9" x 1-1/4" x 26" to the list.
13. SHEET NO. 9-HVAC-3
Room 1C-43 - Air distribution diffuser shown should be a 24/48 - 150 cfm - 3.
Provide fire damper in 16" round high pressure duct near intersection of grid lines 20 and A in Room 1C-58.

LIST OF APPROVALS

GENERAL APPROVALS - Subject to the detailed requirements of the specifications, materials by the following manufacturers are approved for use in the project:

<u>Section</u>	<u>Manufacturer</u>
3J1	Sure-Klean, Precast
5J1	Wilkinson Chutes, Inc. Globe Products, USG Company
5L3	Airline Products Air Balance
7G0	B-D Foam
7J2	W. R. Meadows (Walkway Boards)
8G3	Wausau Metals Corp.
8J5	Gyro-Tech, Inc.
10A1	Robart Accurate Partitions
10E5	Inland-Ryerson Co. Cesco, Inc.
10S1	Metal Arts Mfg. Co. Mathews Bronze Cast Plaques
10Z1	Gotham Ed. Eq. Co.
13C3	Amber/Booth

MECHANICAL APPROVALS - The following manufacturer's material is granted "or equal" status provided performance characteristics, material specifications and space limitations are accurately met.

American Air Filter
Air Handling Units
Centrifugal Fans
Electric Heaters
Air Tempering Coils
Power Line Fan Company
Power Roof Ventilators
Gravity Ventilators
Ceiling Fans
Propeller Fans
Continental Air Filters - Air Filters, Type A & B
Flanders Filters - Air Filters, Type C
Peerless Blower Company - Special Fans
Harver Industries - Unit & Duct MTD Electric Heating Coils
Louvers & Dampers, Inc.
Fire Dampers
Gravity Vents

Mechanical Approvals - Continued

Bayley Blower
Supply and Return Fans
Materials Handling Fans
Hurricane Fan and Vent
Unit & Duct MTD Electric Heating Coils
Prop. Fans
Universal Jet Ind. - Special Fans (Fly Fans)
Connor Engr./w Hurricane Elec. Coils - Terminal Constant
Volume Box and Elec. Reheat
Connor Engr. and/or Metal Industries - Registers, Grilles
and Diffusers
Braidert - P.R. Ventilator
Exitaire
Gravity Ventilator
P.R. Ventilator & Gravity Ventilator Curbs
Prop. Fans
Krueger - Registers, Grilles and Diffusers
Krueger - Thermotank - Troffer Diffusers
Krueger EGC-5-P - Plastic R.A. Grilles
Barry - Supply Fans and Return Fans
Thermal - Electric Heat Coils
Acme
P.R. Ventilator
(Cesco) Gravity Ventilator
Curbs
Prop. Fans
Curtain Fans
Buensod/Scomec - Unit & Duct MTD. Elec. Heating Coils
Airstream Products - Dampers
Plastinetics, Inc. - Chemical Duct Work
Sheet Metal Products
High Velocity Duct
Acoustical metal panel wall housing
York - Air-Handling Units
New York Blower - Prop Fans
Penn Ventilator - Prop Fans
Continental Air Filter - Filters
Barber-Colman
Grilles, Registers and Diffusers
Light Troffers
Constant Volume Elec. Reheat Boxes
Dunham-Bush
Air Handling Units
Cooling Coils
Carnes
Dampers and Quadrants
P. R. Ventilator
Gravity Ventilator
Ceiling Fans
Registers, Grilles and Diffusers
Light Troffers
Peerless - Prop. Fans

ELECTRICAL APPROVALS

Emergency Generator:

Caterpillar #D346

Cummins #VT12-635-GC

Automatic Transfer Switch:

Zenith ZTS Series

High Voltage Switchgear:

Westinghouse WLI

Lighting Fixtures:

Type "C" - Westinghouse #VR240A

Sylvania #ND2404

Type "D" - Westinghouse #H240RV

Sylvania #QTP-10-2404

Type "F" - Westinghouse #SP140R

Sylvania #SS-1404-RS-CBM

Type "F1" - Westinghouse #SP240R

Sylvania #LS-2404