

**Addendum No. 1
January 19, 2017**

Project: Roof Replacement – EEP Building
South Dakota School of Mines & Technology
Rapid City, South Dakota

OSE #R0715-05X
AI Project No. 2604
Bid #2

Architect: Architecture Incorporated

Letting: **Thursday, January 26, 2017**
3:00 p.m. CT
Office of the State Engineer
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182

Scope of this Addendum:

To all bidders and all others to whom drawings and specifications have been issued by Architecture Incorporated.

Acknowledge receipt of this addendum by listing its number and date in the bidders Form of Proposal. Failure to do so may subject bidder to disqualification. This Addendum forms a part of the Contract Documents. It modifies them as follows:

GENERAL ITEMS:

1) EXHIBIT “A” BID FORM

- a) The date for substantial completion has been corrected to August 1, 2017. A Revised Bid Form is attached at the end of this Addendum.

2) SECTION 011000 – SUMMARY:

- a) Paragraph 1.1.D.: The rooftop Data-Aire chillers will have to be shut down and moved for re-roofing in that area. The roofing contractor will be required to provide temporary cooling units for the Server Room located on the First floor. Coordinate with EEP staff for transfer requirements for temporary units operating before the Data-Aire units are shut down. Owner will provide for physical security for the Server Room and will provide staff and barriers as required.

3) SECTION 077200 – ROOF ACCESSORIES:

- a) Paragraph 2.2 – Revise sub-paragraph A. as follows: “Adjustable-Height strut-type “goal-post” stainless steel framing with vertical support and horizontal member to support Fiberglas ladder cable tray. with Polycarbonate pipe stand bases. The cable tray support system is to be designed for installation with roof penetrations.
 - i) Vertical members to accommodate tray installation at 12” above roof top.
 - ii) Polycarbonate bases to be 12”x12”x3” nominal size.

- iii) Basis of Design – cable tray supports: PHP Systems Cable Tray Support System., or equal products from the following manufacturers: Eaton-Cooper, Chalfant.
 - iv) Ladder-style cable tray to be 12” wide, with horizontal rung spacing of 6” .
 - v) Ladder cable tray material to be fiberglass, with all required fittings and accessories for a complete installation including but not limited to attachment to support system, 90-degree outside corners, horizontal-to vertical transitions.
 - (1) Basis of Design – cable tray: Cooper B-line Series Cable Tray Systems, or equal products from the following manufacturers: Chalfant; PHP systems.
 - vi) Support base isolation pads to be roofing membrane manufacturer’s standard 1/8” walkway material, to be sized to accommodate cable tray support bases.
- 4) DRAWING SHEET 4.1:
- a) Detail 2/4.1: Cutting of existing metal panels may not be required, as the typical 8” clearance from roof to flashing will not be possible due to existing door and louvers that won’t be moved.
- 5) DRAWING SHEET 5.1:
- a) Delete installation of 3 curbs, pitch pans and tether bolts on the Penthouse roof.
 - b) Clarification: Anchors for guys wires for tower relocated to Penthouse roof by Owner are not part of the roofing contract.
 - c) Roof ladder: See attached Supplemental Drawing SD-1 for section detail through new roof ladder. Attach the new ladder and cage to the existing steel and gable bracket frame. The width of the brackets is approximately 16” – field verify width and roof elevation prior to fabrication.
 - d) Cable tray and support system: See attached Supplemental Drawing SD-2 for revised notes and additional information on support systems locations. Provide support spacing as indicated on SD-2, or as recommended by the cable tray support manufacturer.
- 6) DRAWING SHEET 5.3:
- a) Detail 1/5.3: the note regarding 8” minimum between roof and bottom of metal wall panel flashing is not relevant to the portions of the walls that have doors and louvers located, with existing roof deck ridge height limiting the feasibility of achieving this clearance. These portions are excepted from the 8” clearance requirement.

GENERAL APPROVALS:

The following material or equipment furnished by the manufacturer's listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
075419	PVC ROOFING	Mule-Hide Products

END OF ADDENDUM

Bid Form – Bid #2 (Revised Addendum #1)

Roof Replacement – EEP Building
South Dakota School of Mines & Technology
Rapid City, SD

OSE# R0715—05X

(Date)_____

To: State Engineer
Office of the State Engineer
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Phone: 605-773-3466
Fax: 605-773-5980

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bid Form, Explanation of Alternates, Modification to Bid Form, Bid Bond Form, Performance and Payment Bond, Acknowledgment of Surety, Sample Certification of Surety, Non-Resident Bidder Affidavit, Form of Agreement for Construction, General Conditions, Special Conditions, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Roof Replacement – EEP Building, SDSM&T, Rapid City, SD

OSE# R0715—05X

as provided for in the Plan and accompanying Specifications dated December 5, 2016.

for the following base bid:

BASE BID _____
_____ DOLLARS (\$ _____)

The Owner also reserves the unrestricted privilege to reject any unit prices for additions to or deductions from the scheduled amount of work as given in the Bid, if the same are considered excessive or unreasonable, or to accept by including the same in the contract as unit prices applicable in the event of addition to or deduction from the work to be performed under the contract, any or all such unit prices which may be considered fair or reasonable.

The above bid includes all applicable State and Municipal Sales and Use Taxes on materials, and State and Municipal Excise Taxes and all other State and Federal Taxes that would affect the amount of the bid. (See Instructions to Bidders-SD Sales and Use Tax Information for Public Contracts.)

In addition, any material furnished by the State for use in this project is subject to Use Tax and Excise Tax. The total taxable value of materials furnished by the State for this project is \$_____0_____.

A Performance and Payment Bond as required by General Conditions will not be required on contracts which do not exceed Fifty Thousand Dollars (\$50,000). (See SDCL 5-21-1.1 as amended).

If discrepancies remain at the time of substantial completion, a value will be assigned to each of the discrepancies and two (2) times their estimated value will be retained from payment to the contractor until completed and accepted. (See SDCL 5-18-13 as amended).

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Office of the State Engineer, the executed Agreement for Construction, Performance and Payment Bond, Certificates of Insurance and Affirmative Action Plan (if applicable).

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the State Engineer and shall be substantially completed August 1, 2017.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

The undersigned acknowledges that they have read and understand the Asbestos-Containing Materials Statement contained in the project manual.

Accompanying this proposal is a certified check, cashier's check or draft in the amount of 5% of the base bid and all add alternates, and drawn on a State or National Bank in the amount of \$_____ or a 10% bid bond issued by a surety authorized to do business in the State of South Dakota, in the amount of \$_____. *(Not applicable if Bid is under \$50,000.)*

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within 30 days after the actual opening thereof.

In submitting this bid, bidder asserts it has reviewed all provisions of the General Conditions including the provision for assessment of liquidated delay damages found in Article 10 of the General Conditions. Bidder agrees that the damages anticipated by the Owner in the event of delay in completion of the project are uncertain in amount and difficult to prove; the amount stipulated in Article III of the Agreement for Construction is a reasonable amount in light of the anticipated loss and injury; and the Owner's actual damages in the event of delay would be impracticable or extremely difficult to fix. Bidder agrees to be bound by the liquidated damages set forth in Article III of the Agreement for Construction. Bidder further agrees that the liquidated amount stipulated in Article III of the Agreement for Construction is not a penalty.

BIDDER: _____
(Type Name of Firm)

BY: _____
(Signature of Firm's Representative)

(Type Name and Title of Firm's Representative)

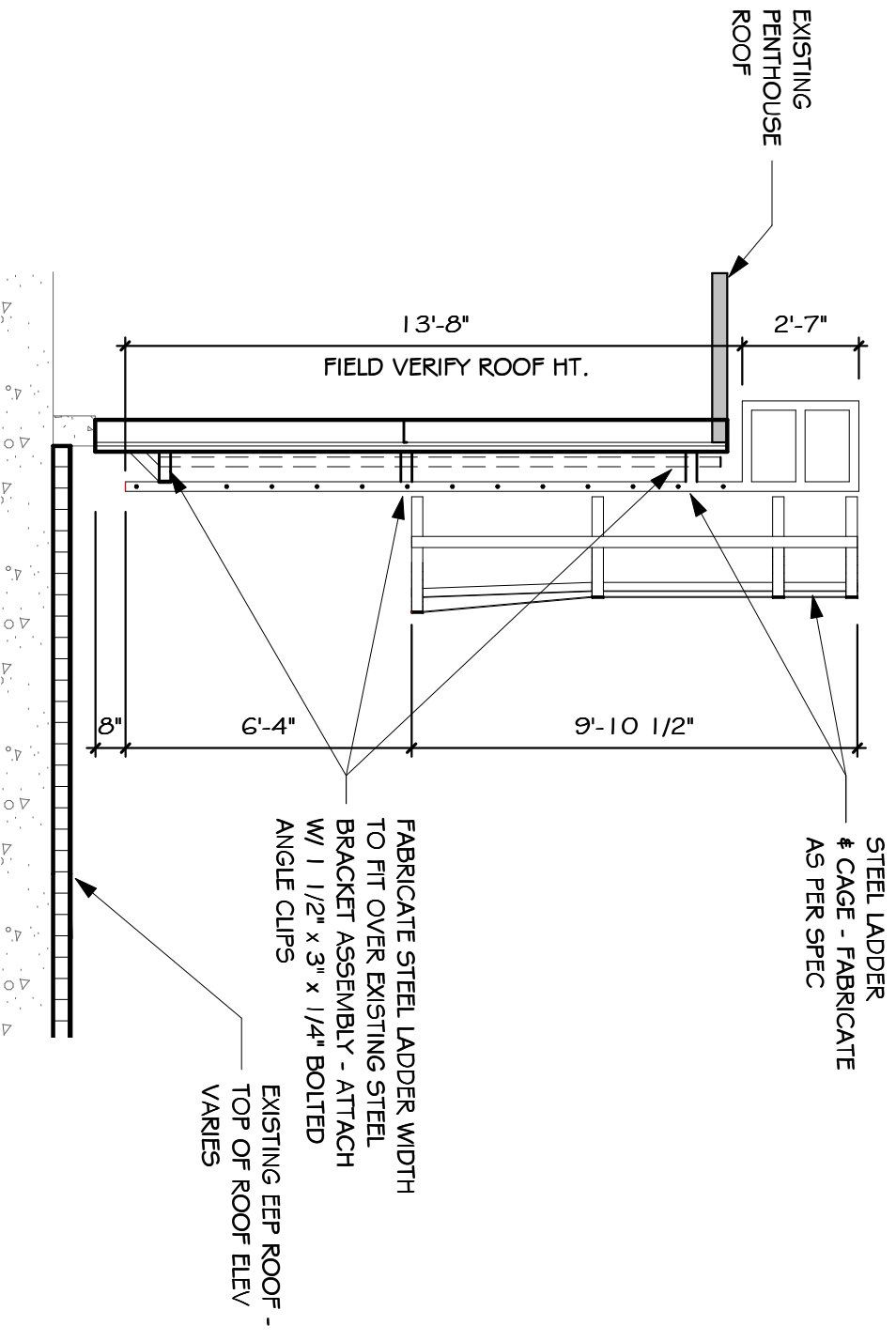
TELEPHONE NO. _____

FACSIMILE NO. _____

E-MAIL ADDRESS _____

BUSINESS ADDRESS _____

STATE OF INCORPORATION _____



1
SD-1

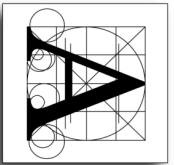
ROOF LADDER - CAGE

SCALE: 1/4" = 1'-0"

ADDENDUM # 1

SOUTH DAKOTA SCHOOL OF MINES #
TECHNOLOGY

project	TECHNOLOGY		
number	0120.2604.15	drawn	KEB
date	01-19-17	checked	Checker
		revision	

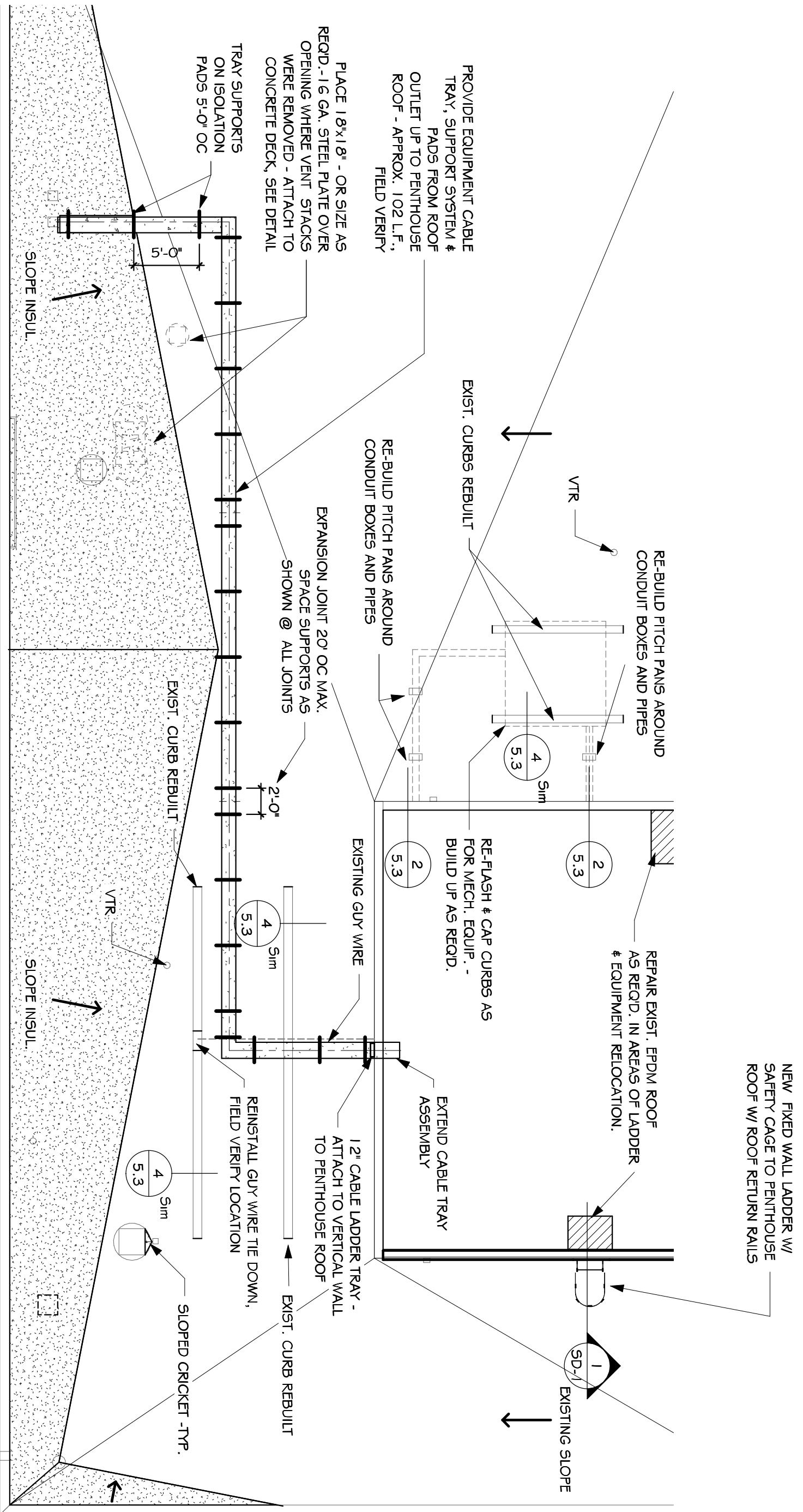


Architecture Incorporated

sioux falls and rapid city, south dakota

DRAWING

SD-1

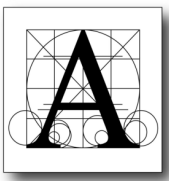


1 CABLE TRAY & LADDER REVISIONS - SHEET 5.1
 SD-2 SCALE: 1/8" = 1'-0"

SOUTH DAKOTA SCHOOL OF MINES &

project TECHNOLOGY
 number 0120.2604.15 drawn KEB checked Checker
 date revision

Architecture Incorporated
 sioux falls and rapid city, south dakota



SDSM&T

ROOF REPLACEMENT – EEP BUILDING – BID #2

Rapid City, South Dakota

OSE #R0715-05X

Architecture Incorporated Project # 2604

PRE-BID MEETING MINUTES

DATE/TIME: January 17, 2017, 9:00 AM

LOCATION: SDSM&T Facilities Break room

PRESENT:

Tim Kursave, SDSMT

Jerilyn Roberts, SDSMT

Jay Bean – SDSMT

Philip Walker, SDSMT

Kristine Schlomer, OSE

Kristine Bjerke, Architecture Inc.

Aaron Lillebo, Swiftec Inc.

John Ashley, Lowe Roofing, Inc.

Gene Kast, Tessier's

Darren Pichulo, BH Roofing

James Steen, Action Mechanical

Steve Horner, Precision Mechanical

DISCUSSION ITEMS

Introductions

Overview of the project and approach

1. Review of Project Scope
 - a. General Roofing: Added some patching work on the Penthouse EPDM roof. Also added cable tray and new roof ladder.
 - b. Asbestos update – no abatement will be needed. Asbestos is friable, and in flashings only and be treated as construction waste.
2. Review of Project Schedule
 - a. Opening of Bids & Award: January 26, 2017 – will not change.
 - b. Liquidated damages as per specs.
 - c. Commencement of work
 - i. EEP: May 9 – after classes are over.
 - d. Completion: August 1, 2017
3. Use of Site and Facility
 - a. Continued operation of balance of building: We toured the server room that will be required to have cooling maintained throughout the project. The contractor will provide temporary cooling units and get them operational. The owner will be responsible for securing the room as required for cooling, air flow, etc.
4. Addendum No. 1 will be issued by Thursday of this week to address the issues that came up at this meeting.

5. Questions/concerns from bidders – to be addressed in Addendum #1:
 - a. The tether bolts noted on the plans will be to be 5000# rated – probably will have to reinforce the roof structure. This may be taken out of the contract, and either added in as a Change Order, or the structural work will be done separately by Owner.
 - b. The tether bolts noted are service tie-offs, are not the anchor bolts for the tower on Penthouse roof – owner will handle those, and they are not in the contract.
 - c. A detail is needed for the roof ladder – size, mounting, etc. After looking at the existing ladder, it was determined that the existing steel bracket system can be used for the new ladder.
 - d. The Bid Form completion date is incorrect – will change to the correct date and re-issue in the Addendum.
 - e. Contractors need more specific information on the cable tray system – a specific manufacturer.
 - f. The detail to maintain 8” of clearance between top of roof and penthouse wall panels was discussed. It was determined thqt because the existing doors and louvers can not be moved, the minimum clearance will be waived in these locations, and in the area of the high point of the roof deck slope.

Kristine Bjerke, AIA
Architecture Incorporated

Plan Holders List - SDSMT EEP Roof Replacement
 Rapid City, South Dakota
 Project Number: 2604
 BID DATE: January 26, 2017

CATEGORY	NAME	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	PHONE	FAX	E-MAIL
<u>A/E Consultant</u>									
	Architecture Incorporated	415 South Main Avenue	PO Box 2140	Sioux Falls	SD	57101-2	605-339-1711	605-339-2331	mail@architectureinc.com
<u>Exchange</u>									
	Aberdeen Builders Exchange	302 North Jackson Street		Aberdeen	SD	57401	605-225-4733		dakotabuild@midconetwork.com
	CMD Group	30 Technology Parkway South	Suite 100	Norcross	GA	30092			docprocessing@cmdgroup.com
	Construction Industry Center, Inc.	2771 Plant Street		Rapid City	SD	57709	605-343-5252	605-343-4591	cic@constructionindustrycenter.com
	Construction Plans Exchange of Bismarck-Mandan	215 Airport Road		Bismarck	ND	58504	701-258-4215	701-258-1391	cpeinc@midconetwork.com
	Dodge Data and Analytics	7265 Kenwood Road	Suite 200	Cincinnati	OH	45236	501-851-1438	501-851-9534	dodge_reocmw@construction.com
	Fargo-Moorhead Builders Exchange	1010 Page Drive		Fargo	ND	58106	701-237-6772	701-232-1653	info@fmbx.org
	Lincoln Builders Bureau	5910 South 58th Street	Suite C	Lincoln	NE	68516	402-421-8332	402-421-8334	builders@cornhusker.net
	Master Builders of Iowa	221 Park Street		Des Moines	IA	50309	515-288-8904	515-288-8719	mbiplanroom-dsm@mbionline.com
	Minnesota Builders Exchange	1123 Glenwood Avenue		Minneapolis	MN	55405	612-381-2620	612-381-2621	addenda@mbex.org

CATEGORY	NAME	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	PHONE	FAX	E-MAIL
	Omaha Builders Exchange	4255 South 94th Street		Omaha	NE	68127	402-593-6908	402-593-6912	omahaplanroom-obe@mbionline.com
	Plains Builders Exchange	220 North Kiwanis Avenue		Sioux Falls	SD	57104	605-334-8886	605-334-0112	info@plainsbuilders.com
	Sioux City Construction League	3900 Stadium Drive		Sioux City	IA	51102	712-255-9730	712-255-3915	mbiplanroom-dsm@mbionline.com
	Sioux Falls Builders Exchange	1418 C Avenue		Sioux Falls	SD	57104	605-357-8687	605-357-8655	info@sfbx.com
	South Dakota Assoc. Plumbing-Heating-Cooling Contr	1000 North West Avenue	#200	Sioux Falls	SD	57104	605-271-7255	605-271-7580	ken.phcc@midconetwork.com
<u>General Contractor</u>									
	Black Hills Roofing	1840 Samco Road	#102	Rapid City	SD	57702	605-343-6488	605-343-6285	bhr-sara@rushmore.com
	Low Roofing	12079 Victor Loop		Whitewood	SD	57793	605-269-2211		john@lowerroofinginc.com
	Sika Sarnafil (High Prairie Marketing)	100 Dan Road		Canton	MA	02021	605-786-3123		njhovdenes@gmail.com
<u>Owner</u>									
	Office of the State Engineer (KS)	Joe Foss Building	523 East Capitol Avenue	Pierre	SD	57501	605-773-5342		kristine.schlomer@state.sd.us
	South Dakota Board of Regents	306 East Capitol Avenue	Suite 200	Pierre	SD	57501-2	605-773-3455	605-773-5320	info@sdbor.edu