

# Addendum 02 for RFB948400-01

Project Name: ILEA JOH Hydraulic Elevator Replacement  
DAS RFB#: 948400-01  
DAS Project #: 9484.00  
Date: 12/8/25

## Bids Due: December 17<sup>th</sup> at 2:00 pm

### Contents:

- Cover Page, and Questions (1 page)
- Pre-Bid Meeting Minutes and Sign-in Sheet (9 pages)
- 01 1200 Contract Summary – Updated to clarify that new elevator doors are part of the scope of this project. See reissued attached. (10 pages)
- Detail 1 / A100 as follows: Revise Raised Panel Type B to be COLOR: TAN ECHO (7941K)

### Questions:

- We are writing to request Metro Elevator be included as an “Approved Provider” for the project?
  - Metro Elevator will be included as an Approved Provider for this project.

## RFB Pre-Bid Minutes: Meeting #1

**Meeting Date** Dec 5, 2025 **Meeting Time** 10:30 am - 12:00 pm Central Time (US & Canada)

**Meeting Location**

**Overview** Meeting to allow prospective bidders to visit the site, when possible, and learn more about the project.

**Notes**

**Attachments**

### Scheduled Attendees

Name	Company	Phone Number	Email	Attendance
Travis Hoyle	DCI Group	P: (515) 244-5043	travish@dcigroup-us.com	Present
Michael Steen	DCI Group	P: (515) 244-5043	michaels@dcigroup-us.com	Absent
Ryan Kaldenberg	Iowa Law Enforcement Academy (ILEA)	P: (515) 331-5778	ryan.kaldenberg@iowa.gov	Present
Chad Bass	KCL Engineering	P: (515) 724-7938	cbass@kclengineering.com	Absent
Eric Heynen	KCL Engineering	P: (515) 724-7938	eheyne@kclengineering.com	Present
Scott Ayotte	Lerch Bates, Inc.	P: (612) 859-0142	scott.ayotte@lerchbates.com	Absent
Aaron Twedt	OPN Architects	P: (515) 309-6862	atwedt@opnarchitects.com	Present
Brad Tonyan	State of Iowa - Department of Administrative Services	P: 515-360-7718	brad.tonyan@iowa.gov	Present

### Introduction

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	Introductions				Open
		<b>Description</b> Attendees not in Procure				

### Project Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Project Description				Open
		<b>Description</b> 1. <b>Bid Package #01 – General Construction:</b> 1. General:				

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
			<ol style="list-style-type: none"> <li>1. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.</li> <li>2. Dumpster service and temporary restroom facilities for all bid packages for the duration of the project.</li> <li>3. Installation, maintenance, and removal of temporary enclosures at the elevator lobbies on the Ground, and 2nd</li> <li>4. Protection for doors ST116-A, A102 and A101</li> <li>5. Installation, maintenance, and removal of temporary floor protection at all three levels.</li> </ol> <ol style="list-style-type: none"> <li>1. Carpentry and Finishes:                             <ol style="list-style-type: none"> <li>1. New flooring in elevator cabs.</li> <li>2. Painting. This shall include but not limited to painting of walls, ceilings and elevator doors &amp; frames. Painting of elevator pit and machine room floor in BP #2</li> </ol> </li> </ol> <ol style="list-style-type: none"> <li>1. <b>Bid Package #02 – Elevator Equipment:</b> <ol style="list-style-type: none"> <li>1. Include lump sum Allowance of \$10,000 for operation and lockout of the elevator for other trades Contractor shall provide time and material tickets to the DCI Group superintendent for signature within one business day of work taking place. Requests for reimbursement for hours that are not accompanied by a DCI Group signed time and material ticket will not be approved.</li> </ol> </li> <li>1. General:                             <ol style="list-style-type: none"> <li>1. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.</li> </ol> </li> <li>2. Temporary Facilities:                             <ol style="list-style-type: none"> <li>1. This contractor shall participate in a pre-demolition meeting with DAS, DCI Group, ILEA, and other State agencies to identify existing cabling and equipment to remain and protect as well as coordination for new installations.</li> <li>2. Install, and maintain signage identifying the elevators are out of service. Signage shall be installed at each elevator door on each floor for the elevators under construction.</li> </ol> </li> <li>3. Elevator Demolition:                             <ol style="list-style-type: none"> <li>1. Demolition as it pertains to elevator equipment and accessories, including but not limited to, hall fixtures, elevator machines, cabs, hoist way equipment, control panels, and controllers.</li> <li>2. Remove and replace existing elevator machinery and hydraulic oil tank, including the replacement of all piping above slab. The existing sub-surface oil line is to be maintained and reused</li> </ol> </li> <li>1. Elevator Installation:                             <ol style="list-style-type: none"> <li>1. Installing the elevator, including but not limited to, all hoisting equipment and material, jack and spring, operating systems, light fixtures, interior and exterior cab finishes (excluding flooring), bumpers (with no stand offs), vents, signage, labels, trim and 12" tall stainless-steel plate at the base of elevator frames.</li> <li>2. All hydronic piping will be the responsibility of this contractor.</li> <li>3. Relocating any electrical equipment, controls, wiring, or conduit that is integral to the elevator equipment.</li> </ol> </li> </ol>			

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
			<ol style="list-style-type: none"> <li>4. Clean and polish the existing hoist way sills to remain</li> <li>5. Hook buttons at each cab and two (2) sets of protections pads for elevator walls</li> <li>6. New hall fixtures, signals and elevator signage.</li> <li>7. All wiring and controls, as it pertains to elevators, are to be provided and installed by this bid package, final connections to the building electrical system will be performed by Bid Package #04.</li> <li>8. Painting the pit and machine room floors. Floors shall be adequately cleaned prior to painting.</li> <li>9. Car communication systems including communication for deaf, hearing, and speech impaired. Contractors shall coordinate with ILEA for networking requirements prior to final selection of equipment. Contractor to provide initial licensing fee for first year and provide ID number to ILEA so they can assume responsibility after the first year of service.</li> </ol> <p>2. <b>Bid Package #02: Unit Price #01 – Elevator Operation:</b></p> <ol style="list-style-type: none"> <li>1. Hourly rate for operation and lock out of the elevators to allow work to be performed in the elevator pit, car top, and hoist way by other trades. If multiple personnel are required for this operation, the unit cost shall reflect the total sum of the cost per hour.</li> <li>2. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.</li> <li>3. <b>Contractor shall provide time and material tickets to the DCI Group superintendent for signature within one business day of work taking place. Requests for reimbursement for hours that are not accompanied by a DCI Group signed time and material ticket will not be approved.</b></li> <li>4. <b>Hours utilized will be billed against the \$10,000 allowance included with Bid Package #02's lump sum bid.</b></li> </ol> <p>1. <b>Bid Package #03 – Mechanical:</b> Trade Contractor shall include all of the following, but not limited to, as part of the contract:</p> <ol style="list-style-type: none"> <li>2. General:                     <ol style="list-style-type: none"> <li>1. Contractor to participate in all startup and commissioning required to bring the system up to full operation and control.</li> <li>2. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.</li> <li>3. All work requiring access to the hoist way or elevator pit shall be coordinated with Bid Package #02 and the Construction Manager. Bid Package #02 shall provide manpower to operate the elevator for this work and will track their time accordingly. All contractors shall coordinate to minimize the hours required to operate the elevator for this work.</li> </ol> </li> <li>1. Temporary Facilities:                     <ol style="list-style-type: none"> <li>1. This contractor shall participate in a pre-demolition meeting with DAS, DCI Group, ILEA, and other State agencies to identify existing cabling and equipment to remain and protect as well as coordination for new installations.</li> <li>2. This Contractor shall assume all liability for running mechanical and plumbing equipment until the turnover at the date of project completion.</li> <li>3. At no time shall spaces be left without adequate conditioning. If conditioning will be impacted which may have negative impacts on equipment or occupant comfort, this contractor shall provide temporary measures to maintain acceptable conditioning.</li> </ol> </li> <li>1. Mechanical and Piping:</li> </ol>			

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
			<ol style="list-style-type: none"> <li>1. New washdown typ 5 kw electric unit heater in the bottom of the shaft and a DDC sensor on the interior shaft wall (located hallway to the top of shaft) to monitor space temperature and alarm if shaft gets below 50 degrees F. Coordinate with BP#4 for electrical connections. Coordinate with BP #2 for moving the elevator car</li> <li>2. Installing sump pump. Coordinate with BP#4 for electrical connections. Existing sump pit and discharge to remain. Coordinate with BP #2 for moving the elevator car</li> <li>3. All controls work associated with the new or existing mechanical equipment impacted by this project. If there are existing controls associated with the existing elevator relief damper, this contractor shall remove and adjust the BAS programming to remove for the system.</li> <li>4. Clean sump pit from all debris and existing water. Cycle the sump pump through three (3) clean water cycles. Water must be dumped by contractor since it will have hydraulic fluid mixed in. Coordinate with BP #2 for moving the elevator car</li> <li>5. Replace existing drain line on the exterior of the shaft at grade for the existing sump pump line.</li> <li>6. Replace damage insulation over heat trace for existing FP piping in shaft.</li> </ol> <ol style="list-style-type: none"> <li>1. <b>Bid Package #04</b> – Electrical and Low Voltage: Trade Contractor shall include all of the following, but not limited to, as part of the contract:                     <ol style="list-style-type: none"> <li>1. General:                             <ol style="list-style-type: none"> <li>1. All fire-stopping of new electrical penetrations will be provided by this Contractor.</li> <li>2. Provide Unistrut and other hanging devices as required to support any equipment provided in this bid package.</li> <li>3. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.</li> <li>4. All work requiring access to the hoist way or elevator pit shall be coordinated with Bid Package #02 and the Construction Manager. Bid Package #02 shall provide manpower to operate the elevator for this work and will track their time accordingly. All contractors shall coordinate to minimize the hours required to operate the elevator for this work.</li> </ol> </li> <li>1. Temporary Facilities:                             <ol style="list-style-type: none"> <li>1. This contractor shall participate in a pre-demolition meeting with DAS, DCI Group, ICN, and other State agencies to identify existing cabling and equipment to remain and protect as well as coordination for new installations.</li> <li>2. Protect existing finishes during work by this bid package. Protection to include plastic and plywood working surfaces</li> </ol> </li> <li>1. Demolition:                             <ol style="list-style-type: none"> <li>1. Contractor to identify all circuits and de-energize before demo work begins.</li> <li>2. This contractor shall participate in pre-disconnect and demolition meeting with DCI Group and the State to review and verify sequence and procedure for disconnect, demolition, and new installation of electrical equipment.</li> <li>3. Contractor to verify existing items that are to be removed and reinstalled are in working order before removing.</li> <li>4. This contractor shall remove empty conduit in the elevator shaft that is no longer in use. Coordinate with BP #2 for moving the elevator car</li> </ol> </li> </ol> </li> </ol>			

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
<p>1. Electrical &amp; Low Voltage:</p> <ol style="list-style-type: none"> <li>1. Install all emergency lighting systems. Elevator cab lighting to be by elevator contractor.</li> <li>2. New circuits and breakers in existing panels are required.</li> <li>3. Electrical connections to equipment provided by other bid packages will be the responsibility of this contractor. This contractor shall coordinate with those trades and submittals on requirements.</li> <li>4. Contractor to furnish and install all power systems. That shall include, but not be limited to, pathways, circuits, breakers, receptacles, disconnects, shunt trips, and relocation of existing electrical features as required. This shall include replacement of disconnect switches.</li> <li>5. Integrate existing fire hat, primary, secondary and shut trip into new elevator controller.</li> <li>6. Contractor to relocate electrical equipment as noted in contract documents and not integral to the elevator equipment.</li> <li>7. Connection of equipment supplied by others, this includes the elevator equipment, electric unit heater and sump pump.</li> <li>8. This Contractor shall wire all integral disconnects/starters for the Elevator Equipment. The Mechanical and Elevator Contractor shall provide all integral disconnects/starters for Mechanical and Elevator Equipment.</li> <li>9. Install all non-integral disconnects for the Elevator Equipment. All disconnects called to be relocated will be relocated by this contractor. Contractor shall plan work to minimize the disruption in service for disconnects to be relocated.</li> <li>10. Install new pathways and cabling from data rack to serve new elevator cab 2-way communication system that will call out to Camp Dodge Front Gate Security. Contractor is responsible for termination and testing. IP address will be provided by the owner, coordinate with ILEA as required.</li> <li>11. Install covers on open junction boxes in the elevator shaft and in the elevator machine room.</li> <li>12. Providing the pre-transfer signal from the existing ATS to the elevator controller.</li> <li>13. Removing existing smoke detectors as outlined in the contract documents, replacing them with heat heads during construction. Contractor to provide and install new smoke detectors once construction is completed. Fire watch is required for any downtime of the fire alarm system for 4 hours or more.</li> </ol> <p>1. <b>Work Performed by Owner:</b> ILEA will perform the following work items:</p> <ol style="list-style-type: none"> <li>1. Owner to repair existing emergency communication device on the ground and second floors</li> <li>2. Owner to remediate and repair disturbed area of grass at existing elevator sump discharge.</li> <li>3. IP Address for two-way communication system.</li> </ol>						
<p><b>Official Documented Meeting Minutes</b></p> <ul style="list-style-type: none"> <li>• Addendum #1 issued on 12/4, includes an option for a combined bid package inclusive of General Construction (BP #01), Mechanical (BP #03) and Electrical &amp; Low Voltage (BP #04). The Elevator Bid package will remain separate.</li> <li>• BP #2 Contractor shall be responsible for the car communication systems including communication for deaf, hearing, and speech impaired. (Rath is currently the basis of design) Contractors shall coordinate with ILEA for networking requirements prior to final selection of equipment. Contractor to provide initial licensing fee for first year and provide ID number to ILEA so they can assume responsibility after the first year of service.</li> <li>• <b>Elevator is currently resting on the lowest floor</b> <ul style="list-style-type: none"> <li>• OPN/Lerch Bates to review if an allowance for hole clause is warranted for unforeseen issues.</li> <li>• Will clarify in addendum #2 that new elevator doors are part of this project.</li> </ul> </li> </ul>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
						<ul style="list-style-type: none"> <li>Emergency communication device is located on the second floor only, this work is in the owners scope.</li> </ul>

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.2	1	Project Schedule				Open
<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Contract(s) Issued: December 19th, 2025</li> <li>Submittals: January 2026</li> <li>Construction: May - July 2026</li> <li>Closeout: August 2026</li> </ul> <p>A pull-plan session will be held with the successful bid package contractors to finalize the construction schedule.</p> <p>State Holidays: New Year's Day, Martin Luther King Day, Memorial Day, 4th of July, Labor Day, Veterans Day, Thanksgiving and day after Thanksgiving, Christmas Day</p> <p><b>Official Documented Meeting Minutes</b></p> <ul style="list-style-type: none"> <li>Schedule above is based on elevator lead times given during design. if these can be approved upon there is not an issue starting earlier than May 2026</li> </ul>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.3	1	Site Rules				Open
<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Onsite supervision by Prime Contractor is required at all times when work by that contractor or their subcontractors/suppliers is taking place.</li> <li>Contractors shall provide daily logs for each day they are on site.</li> <li>Construction progress meeting will be established once construction starts.</li> <li>It is of the utmost importance to show respect and courtesy to all staff at all times.</li> <li>Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area.</li> <li>No smoking, vaping or smokeless tobacco use onsite.</li> <li>Temporary facilities                         <ul style="list-style-type: none"> <li>To be provided by Bid Package #01 for use by all the contractors for the duration of construction.</li> </ul> </li> <li>Demolished equipment</li> <li>Tool control                         <ul style="list-style-type: none"> <li>All tools and equipment shall be monitored and secured at all times. No vehicles shall be left unlocked when unattended at at no times shall keys be left in vehicles when unoccupied.</li> </ul> </li> <li>Cell phones</li> <li>Background checks                         <ul style="list-style-type: none"> <li>are not required for this project</li> </ul> </li> <li>Work hours                         <ul style="list-style-type: none"> <li>Typical hours are 7 AM - 5 PM Monday-Friday. Other hours can be arranged on an as needed basis.</li> </ul> </li> <li>View Specification 01 1200 - Contract Summary 01 1201 - General Work Requirements and 01 1202 - Special Work Requirements for more information.</li> </ul>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
		<b>Official Documented Meeting Minutes</b>				
		<ul style="list-style-type: none"> <li>• Ryan K. with ILEA to send the schedule of current events in nearby classroom 107</li> <li>• Quiet hours at ILEA start at 10:30 pm</li> </ul>				

**RFB Overview**

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	1	Bid Submission				Open
		<b>Description</b> <ul style="list-style-type: none"> <li>• Bids are due <b>Wednesday December 17th, 2025 by 2:00 PM</b></li> <li>• The Bid shall be submitted to the Issuing Officer through the IMPACS Electronic Procurement System.                             <ul style="list-style-type: none"> <li>◦ Link and information is in the project manual</li> <li>◦ Contractors will need to register prior to bidding</li> <li>◦ Bidders will need to register regardless of whether it has already done business with the State of Iowa.</li> <li>◦ Bidders should complete the registration process and ensure the ability to log in as soon as possible to ensure Bids can be submitted on the due date.</li> <li>◦ Please make sure the electronic documents submitted contain any required signatures. Digital signatures will be accepted.</li> </ul> </li> <li>• Bid Opening will be held via conference call on <b>Wednesday December 17th, 2025 at 3:00 PM</b></li> <li>• Contractor shall reference section 00 0116 for the bid submittal checklist                             <ul style="list-style-type: none"> <li>◦ Bid Proposal Information</li> <li>◦ Non Discrimination Clause Information</li> <li>◦ Contractor Targeted Small Business Enterprise Pre-Bid Contract Information</li> <li>◦ Bid Security – 5% of total Bid amount</li> </ul> </li> <li>• Apparent low bidder will be required to submit subcontractor/supplier list 48hrs after the bid opening</li> </ul>				

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.2	1	Bid Schedule				Open
		<b>Description</b> <ul style="list-style-type: none"> <li>• Questions/Substitutions Due in Writing to <a href="mailto:Construction.Procurement@iowa.gov">Construction.Procurement@iowa.gov</a>: <b>Thursday December 11th, 2025 by 11:00 am</b></li> <li>• Addendum Issued: Addendum #1 issued on 12/4, <b>Final Addendum by December 15th 2025</b></li> <li>• Bids Due: <b>Wednesday December 17th, 2025 by 2:00 PM</b></li> <li>• Tentative NOI Issued: <b>December 18th, 2025</b></li> </ul>				

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.3	1	Administrative Details				Open
		<b>Description</b> <ul style="list-style-type: none"> <li>• Contractors will sign a modified ConsensusDocs 802. Example in the project manual.</li> <li>• Project-specific Certificate of Insurance must be provided prior to contract execution. Follow example in the project manual and limits in the 802.</li> <li>• Project-specific P&amp;P bonds must be provided prior to contract execution.</li> <li>• Successful contractor must turn in their list of subcontractors and suppliers within 48 hours of the bid.</li> <li>• DAS will provide tax exempt certificates upon request.</li> <li>• Procure will be used for all project management, at no cost to the trade contractor.</li> </ul>				

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
			<ul style="list-style-type: none"> <li>◦ Submittals, Invoicing, RFIs, ASIs, PRs, RFQs</li> <li>◦ Contracts, Change Orders and Certificates of Substantial and Final Completion will also use DocuSign</li> </ul> <ul style="list-style-type: none"> <li>• Contractor Schedule of Values shall be broken out as specified in the project manual.                             <ul style="list-style-type: none"> <li>◦ SOV must contain a closeout line item for at least 1% of the total contract value or \$1,000.00, whichever is greater.</li> <li>◦ This line item can only be invoiced once the certificate of final completion has been signed by all parties.</li> <li>◦ DCI Group will also schedule OAC and contractor coordination meetings to occur weekly during construction</li> <li>◦ DCI Group will be implementing a full circle scheduling process with WWP coordination between contractors. Superintendent will conduct a daily standup meeting with contractors to go over tasks for the day and plan for the following days/week</li> </ul> </li> </ul>			

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.4	1	Pre-Bid Site Visits				Open
		<b>Description</b>				
		<ul style="list-style-type: none"> <li>• An opportunity to view the elevator and machine room will be provided following the meeting.</li> <li>• If additional visits are needed DCI Group will set aside a period of time for others to schedule a visit.</li> </ul>				

**Questions**

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Questions				Open
		<b>Description</b>				
		Submit all questions in writing to <a href="mailto:construction.procurement@iowa.gov">construction.procurement@iowa.gov</a> .				
		<b>Official Documented Meeting Minutes</b>				
		<ul style="list-style-type: none"> <li>• Combined bid option question submitted and added as part of Addendum #1</li> <li>• Metro Elevator will be included as an Approved Provider for this project</li> </ul>				

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting. Please contact State of Iowa - Department of Administrative Services if there are any discrepancies or questions with the content of these minutes.



## SECTION 01 1200

### CONTRACT SUMMARY

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

- A. Project Information
- B. Project Summary
- C. Bid Scope Summary
- D. Work Hour Restrictions
- E. Access to Site
- F. Coordination with Occupants
- G. Rules for Construction Workers
- H. Bid Package Instructions

##### 1.02 PROJECT INFORMATION

- A. Facility Name/Location: Iowa Law Enforcement Academy 4640 Burma Road, 7105 NW 70th Ave. Johnston, Iowa 50131
- B. DAS Project #: 9484.00
- C. Owner: State of Iowa, Department of Administrative Services, Hoover State Office Building, Level 3, 1305 East Walnut Street, Des Moines, IA 50319
- D. Owner's Representative: Brad Tonyan, Iowa Department of Administrative Services, 109 SE 13th Street, Des Moines, IA 50319
- E. Construction Manager: Travis Hoyle, DCI Group, 220 SE 6<sup>th</sup>. Street St. 200, Des Moines, IA 50309

##### 1.03 PROJECT SUMMARY

- A. The project includes Hydraulic Elevator Replacement at the Iowa Law Enforcement Academy.
- B. Target date to provide substantial completion is July 10<sup>th</sup>, 2026.

##### 1.04 BID SCOPE SUMMARY

- A. Scope Applicable to All Bid Packages:
  - 1. The Contractor's Work includes all labor, supervision, materials, equipment, services, supplies, tools, facilities, transportation, hoisting, storage, receiving, licenses, inspections, certifications, overhead, profit, or other items required or reasonably inferable to properly and timely perform and complete all work and services to be performed by the Contractor pursuant to this Agreement. Unless specifically stated otherwise, incidental work required to accomplish the work of this Bid Package shall be included the bid. This would include, but not be limited to, temporary facilities, protection of the work, security of equipment, materials, and work in progress, etc. Contractor's Work shall be performed in accordance with the Drawings, Specification Divisions 00 and 01, and Specification sections applicable to each Contractor's scope.
  - 2. Contractor is responsible for all labor and equipment to unload, account for all material delivered, stock, and delivery for this scope of work. Storage and delivery of materials and equipment at the Site shall be permitted only to the extent approved in advance by the Construction Manager, and if anything so stored obstructs the progress of any portion of the work, it shall be promptly removed or relocated by the Contractor without reimbursement.
  - 3. On site supervision by Prime Contractor at all times work by that contractor or their subcontractors/suppliers is taking place.

4. Provide all temporary facilities required for this scope of work including trailer, trailer power, telephone, secured storage, temporary power for work, temporary and task lighting for work, etc. as determined necessary by Contractor. Coordinate location of trailers, material storage and utility lines with Construction Manager. Limited space is available, and permission to bring any such facility or excess materials on to the site shall be approved by the Construction Manager.
5. Contractor shall provide all equipment and tools for Contractor's own cleanup. Clean up shall be done at end of every shift or more frequently if required for the Contractor to perform their work, for other Contractors to perform their work, as required by the Owner's operations, and at the discretion of the Construction Manager.
6. All turf, landscaping, and subgrade disturbances caused by equipment traffic or other activities related to the Contractor's scope shall be repaired or restored to proper conditions by the Contractor.
7. Protect adjacent existing building elements from damage from Scope of work. Repair existing building elements damaged during Contractor's Scope of work.
8. 01 1201 General Work Requirements are the responsibility of all contractors
9. 01 1202 Special Work Requirements are the responsibility of all contractors

#### **1.05 WORK HOUR RESTRICTIONS**

- A. Work hours are from 7:00 AM to 5:00 PM, Monday through Friday unless arrangements are made in advance.

#### **1.06 CONTRACTOR USE OF SITE AND PREMISES**

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Provide access to and from site as required by law and Owner:
  1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
  2. Do not obstruct roadways, sidewalks, or other public ways without permission of Owner and permit if required.
- C. Facility will be occupied at all times during duration of work. Contractor personnel shall conduct themselves in an agreeable manner at all times. Failure to do so may result in removal from the work site.

#### **1.07 OWNER OCCUPANCY**

- A. Owner intends to occupy the Project upon Substantial Completion.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

#### **1.08 RULES FOR CONSTRUCTION WORKERS**

- A. The staff of the State of Iowa has a responsibility to protect the public by providing a secure environment. All work site rules must be followed to the letter, at all times.
- B. Hot Work Permit Processes and Fire Watch, when necessary, will be adhered to for this project.
- C. All State properties are tobacco free. No smoking will be permitted or tolerated on campus unless in designated areas.
- D. You are permitted access only to the work site and no other area of the institution.
- E. No drugs, alcohol, or firearms are allowed on the work site.
- F. Do not leave money, drugs, alcohol, or firearms in your personal vehicle.
- G. Company and personal vehicles are to be parked and locked in designated or authorized area of the work.
- H. Secure all tools at the end of the day.
- I. Maintain control of all tools, supplies, and debris at all times during the work.

- J. Never leave keys in any vehicle. If a security officer finds keys in a vehicle, they are under orders to turn them in to a security supervisor.
- K. Secure all tools at the end of each day. Never leave tools unattended. All tools shall be checked in at the beginning of the day and checked out at the end of the day. If security officers find loose tools, they are under orders to turn them in to their supervisor.
- L. All delivery vehicles must go directly to the job site. Extra time should be anticipated for all deliveries. Provide 24-hour notice to the facility of deliveries.
- M. During an emergency, follow the instructions of the staff.

## 1.09 BID PACKAGE INSTRUCTIONS

- A. **Bid Package #01** – General Construction: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
  - 1. Includes specification:
    - a. DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS
    - b. DIVISION 01 GENERAL REQUIREMENTS
    - c. 02 41 00 DEMOLITION
    - d. 03 10 00 MAINTENANCE OF CONCRETE
    - e. 05 5000 METAL FABRICATIONS
    - f. 06 10 00 ROUGH CARPENTRY
    - g. 07 84 00 FIRESTOPPING
    - h. 07 92 00 JOINT SEALANTS
    - i. 09 65 00 RESILIENT FLOORING
    - j. 09 90 00 PAINTING AND COATING
  - 1. General:
    - a. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.
    - b. This contractor shall provide dumpster service and temporary restroom facilities for all bid packages for the duration of the project.
    - c. This contractor is responsible for installation, maintenance, and removal of temporary enclosures at the elevator lobbies on the Ground, and 2<sup>nd</sup> Floors. Enclosure shall be a framed wall with door & lock, and wood sheathing on one side. Confirm configuration with the Fire Marshal as required for additional signage. Walls shall be friction fit to space to not damage existing finishes. A poly barrier shall be installed at the interior of the enclosure for dust control. This includes floor protection inside of the temporary enclosures.
    - d. This contractor is responsible for providing protection for doors ST116-A, A102 and A101 on the ground floor for the duration of construction. Contractor shall provide a key to the owner for access from the temporary door to the roof on the second floor
    - e. This contractor is responsible for installation, maintenance, and removal of temporary floor protection at all three levels.
  - 2. Carpentry and Finishes:
    - a. Contractor shall be responsible for prepping and painting of new elevator doors and existing frames. Contractor shall coordinate with elevator contractor for any required operation or lock out of the elevator cars/doors. If doors will be open to the shaft, this contractor shall be responsible for fall protection.
    - b. This contractor shall be responsible for the procurement and installation of new finished flooring in elevator cabs. Coordinate with Bid Package #02 for installation requirements.
    - c. This contractor is responsible for all painting. This shall include but not limited to painting of walls, ceilings and elevator doors & frames.

- B. **Bid Package #02** – Elevator Equipment: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. Includes specification:
    - a. DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS
    - b. DIVISION 01 GENERAL REQUIREMENTS
    - c. 02 41 00 DEMOLITION
    - d. 05 5000 METAL FABRICATIONS
    - e. 07 84 00 FIRESTOPPING
    - f. 09 90 00 PAINTING AND COATING
    - g. 14 25 00 HYDRAULIC ELEVATOR
    - h. 26 05 00 COMMON WORK RESULTS FOR ELECTRICAL
    - i. 26 50 00 LIGHTING
    - j. 27 00 00 GENERAL REQUIREMENTS FOR COMMUNICATIONS SYSTEMS
    - k. 27 05 28 PATHWAYS FOR COMMUNICATIONS SYSTEMS
    - l. 27 10 00 STRUCTURED CABLING
  2. Include lump sum Allowance of \$10,000 for operation and lockout of the elevator for other trades Contractor shall provide time and material tickets to the DCI Group superintendent for signature within one business day of work taking place. Requests for reimbursement for hours that are not accompanied by a DCI Group signed time and material ticket will not be approved.
  3. General:
    - a. This Contractor to provide final cleaning of the elevator machine rooms, elevator pits, elevator cabs, and equipment at the completion of construction. This includes, but is not limited to, mopping, wiping down all surfaces so they are free of dust and smudges, vacuuming, and cleaning floors.
    - b. Contractor shall be responsible for pathway, staging, and access of equipment to the equipment room. Contractors shall familiarize themselves with the pathway and requirements for bringing equipment and materials to the workspace. No additional compensation will be considered for this scope due to existing conditions that could have been observed prior to bid.
    - c. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.
  4. Temporary Facilities:
    - a. This contractor shall participate in a pre-demolition meeting with DAS, DCI Group, ILEA, and other State agencies to identify existing cabling and equipment to remain and protect as well as coordination for new installations.
    - b. This contractor will be responsible for required fall protection at elevator shafts.
    - c. This contractor shall be responsible for protection of the elevator door frames to remain.
    - d. This contractor shall also be responsible for protecting all adjacent surfaces from damage during their operations.
    - e. Contractor shall provide, install, and maintain signage identifying the elevators are out of service. Signage shall be installed at each elevator door on each floor for the elevators under construction.
  5. Elevator Demolition:

- a. Contractor to complete all demolition as it pertains to elevator equipment and accessories, including but not limited to, hall fixtures, elevator machines, cabs, hoist way equipment, control panels, and controllers.
  - b. This contractor shall remove and replace existing elevator machinery and hydraulic oil tank, including the replacement of all piping above slab. The existing sub-surface oil line is to be maintained and reused
  - c. Contractor is responsible for complete removal or remediation of fluids pertaining to the elevator equipment. This includes wiping down surfaces that may have come in contact with these fluids.
6. Elevator Installation:
- a. This contractor is responsible for providing and installing the elevator, including but not limited to, all hoisting equipment and material, jack and spring, operating systems, light fixtures, doors, interior and exterior cab finishes (excluding flooring), bumpers (with no stand offs), vents, signage, labels, trim and 12" tall stainless-steel plate at the base of elevator frames.
  - b. All hydronic piping will be the responsibility of this contractor.
  - c. Contractor is responsible for relocating any electrical equipment, controls, wiring, or conduit that is integral to the elevator equipment.
  - d. Contractor shall be responsible to clean and polish the existing hoist way sills to remain
  - e. This contractor shall field verify all dimensions and existing conditions for new elevator.
  - f. This contractor shall provide hook buttons at each cab and two (2) sets of protection pads for elevator walls
  - g. This contractor will provide new hall fixtures and signals with custom-sized backplate that covers the existing openings completely where required. Where existing frames are to remain, this contractor shall be responsible for coordinating new installation requirements with existing frame and backbox sizes. Infill panels as required.
  - h. This contractor shall coordinate with BP #1 for new elevator flooring that is being provided and installed by that bid package.
  - i. Provide fire-rated sealants at penetrations through fire-rated walls made by this contractor. Contractors shall be responsible for verifying which walls are rated.
  - j. Coordinate with Electrical Contractor for system power.
  - k. All wiring and controls, as it pertains to elevators, are to be provided and installed by this bid package, final connections to the building electrical system will be performed by Bid Package #04.
  - l. Contractor shall remove and replace existing elevator signage.
  - m. This contractor shall provide a paint-grade metal cover at the ground floor level to cover the hole in existing wall where there is an existing steel plate. Painting provided by BP #1.
  - n. Contractor shall be responsible for painting the pit and machine room floors. Floors shall be adequately cleaned prior to painting.
  - o. Contractor shall be responsible for the car communication systems including communication for deaf, hearing, and speech impaired. Contractors shall coordinate with ILEA for networking requirements prior to final selection of equipment. Contractor to provide initial licensing fee for first year and provide ID number to ILEA so they can assume responsibility after the first year of service.

7. **Bid Package #02: Unit Price #01** – Elevator Operation: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- a. Hourly rate for operation and lock out of the elevators to allow work to be performed in the elevator pit, car top, and hoist way by other trades. If multiple personnel are required for this operation, the unit cost shall reflect the total sum of the cost per hour.
  - b. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
  - c. **Contractor shall provide time and material tickets to the DCI Group superintendent for signature within one business day of work taking place. Requests for reimbursement for hours that are not accompanied by a DCI Group signed time and material ticket will not be approved.**
  - d. **Hours utilized will be billed against the \$10,000 allowance included with Bid Package #02's lump sum bid.**
  - e. Owner reserves the right to reject Contractor's measurements of work in place that involves use of established unit prices and to have this work measured, at the Owner's expense, by an independent surveyor acceptable to the Contractor.
- C. **Bid Package #03** – Mechanical: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. Includes specification:
    - a. DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS
    - b. DIVISION 01 GENERAL REQUIREMENTS
    - c. 02 41 00 DEMOLITION
    - d. 05 5000 METAL FABRICATIONS
    - e. 07 84 00 FIRESTOPPING
    - f. 23 05 29 HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT
    - g. 23 05 53 IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
    - h. 23 82 00 CONVECTION HEATING AND COOLING
  2. General:
    - a. Shutdowns of mechanical and plumbing systems shall be coordinated with the Construction Manager five (5) business days in advance of work.
    - b. Include any filler plates, trim materials, or sealants which may be required between the work of this contract and the work of others where shown or where required of allowable tolerances within the work of the contract and the adjacent work of others.
    - c. Contractor to protect the existing mechanical and plumbing items that are to remain. Contractor is responsible for cleaning existing items before tying them into the new system. Verify existing items that are to be removed and reinstalled are in working order before removing.
    - d. Contractor is responsible for cutting all wall, floor, and roof openings for the mechanical and plumbing work. Contractor is responsible for all removal and replacement of materials that are impacted by this scope of work. Replacement of material shall match existing conditions.
    - e. All fire-stopping of new electrical penetrations will be provided by this Contractor.
    - f. Provide Unistrut and other hanging devices as required to support any equipment provided in this bid package.
    - g. This Contractor is responsible to provide clean piping, and devices at the end of installation of all new construction installed by this Contractor.
    - h. Contractor to participate in all startup and commissioning required to bring the system up to full operation and control.
    - i. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.

- j. All work requiring access to the hoist way or elevator pit shall be coordinated with Bid Package #02 and the Construction Manager. Bid Package #02 shall provide manpower to operate the elevator for this work and will track their time accordingly. All contractors shall coordinate to minimize the hours required to operate the elevator for this work.
3. Temporary Facilities:
- a. This contractor shall participate in a pre-demolition meeting with DAS, DCI Group, ILEA, and other State agencies to identify existing cabling and equipment to remain and protect as well as coordination for new installations.
  - b. This Contractor shall be liable to protect all openings made to the existing buildings envelope, as required for this bid package work, for the entire time work is being conducted until the new work scope is completed. This protection shall include but is not limited to protection against, moisture, wind infiltration, and temperature fluctuations. Contractor will maintain all weather protection provisions until permanent work is completed. All cost relating to damage incurred to existing facilities as a result of improper weather protection provisions will be borne by the Contractor.
  - c. It will be the responsibility of the contractor doing the work to protect existing finishes during work by this bid package. Protection to include plastic and plywood working surfaces
  - d. This contractor will be responsible for required fall protection at elevator shafts.
  - e. This Contractor shall assume all liability for running mechanical and plumbing equipment until the turnover at the date of project completion.
  - f. At no time shall spaces be left without adequate conditioning. If conditioning will be impacted which may have negative impacts on equipment or occupant comfort, this contractor shall provide temporary measures to maintain acceptable conditioning.
4. Mechanical and Piping:
- a. This contractor is responsible for providing and installing new washdown typ 5 kw electric unit heater in the bottom of the shaft and a DDC sensor on the interior shaft wall (located hallway to the top of shaft) to monitor space temperature and alarm if shaft gets below 50 degrees F. Coordinate with BP#4 for electrical connections. Coordinate with BP #2 for moving the elevator car
  - b. This contractor is responsible for providing and installing sump pump. Coordinate with BP#4 for electrical connections. Existing sump pit and discharge to remain. Coordinate with BP #2 for moving the elevator car
  - c. This contractor shall be responsible for all controls work associated with the new or existing mechanical equipment impacted by this project. If there are existing controls associated with the existing elevator relief damper, this contractor shall remove and adjust the BAS programming to remove for the system.
  - d. This contractor shall clean sump pit from all debris and existing water. Cycle the sump pump through three (3) clean water cycles. Water must be dumped by contractor since it will have hydraulic fluid mixed in. Coordinate with BP #2 for moving the elevator car
  - e. This contractor shall replace existing drain line on the exterior of the shaft at grade for the existing sump pump line.
  - f. This contractor shall replace damage insulation over heat trace for existing FP piping in shaft.

D. **Bid Package #04 – Electrical and Low Voltage:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:

- 1. Includes specification:
  - a. DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS
  - b. DIVISION 01 GENERAL REQUIREMENTS

- c. 02 41 00 DEMOLITION
- d. 07 84 00 FIRESTOPPING
- e. 07 92 00 JOINT SEALANTS
- f. 26 05 00 COMMON WORK RESULTS FOR ELECTRICAL
- g. 26 05 19 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
- h. 26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
- i. 26 05 29 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
- j. 26 05 33.13 CONDUIT FOR ELECTRICAL SYSTEMS
- k. 26 05 33.16 BOXES FOR ELECTRICAL SYSTEMS
- l. 26 05 53 IDENTIFICATION FOR ELECTRICAL SYSTEMS
- m. 26 27 26 WIRING DEVICES
- n. 26 28 13 FUSES
- o. 26 28 16.16 ENCLOSED SWITCHES
- p. 26 50 00 LIGHTING
- q. 27 00 00 GENERAL REQUIREMENTS FOR COMMUNICATIONS SYSTEMS
- r. 27 05 28 PATHWAYS FOR COMMUNICATIONS SYSTEMS
- s. 27 10 00 STRUCTURED CABLING

2. General:

- a. Shutdowns of electrical, fire alarm, communications, and technology systems shall be coordinated with the Construction Manager five (5) business days in advance of work.
- b. This Contractor shall be responsible to remove and reinstall ceilings for access during this work scope if not identified to be removed by another bid package in the contract documents. Ceilings shall be put back in the condition they were found. This Contractor will be responsible for damage incurred during this work scope and will be responsible for all cost of replacement deemed necessary by the Owner.
- c. Include any filler plates, trim materials, or sealants which may be required between the work of this contract and the work of others where shown, or where required of allowable tolerances within the work of the contract and the adjacent work of others.
- d. Contractor to protect the existing electrical, fire alarm and technology items that are to remain. These include but are not limited to panels, wiring, conduits, lighting, devices, racks, and equipment. Contractor is responsible for cleaning existing items before tying them into the new system. Verify existing items that are to be removed and reinstalled are in working order before removing.
- e. Contractor is responsible for cutting all wall and floor openings for the electrical work. Contractor is responsible for all removal and replacement of materials that are impacted by this scope of work. Replacement of material shall match existing conditions.
- f. All fire-stopping of new electrical penetrations will be provided by this Contractor.
- g. Provide Unistrut and other hanging devices as required to support any equipment provided in this bid package.
- h. This Contractor is responsible to provide clean conduit and devices at the end of installation of all new construction installed by this Contractor.
- i. Contractor to participate in all startup and commissioning required to bring the system up to full operation and control.
- j. All new cabling shall be properly secured in conduit, J-hooks, or other cable management systems. Cabling shall not rest on ceilings.
- k. Contractors can use courtyard area for staging, tool/job box storage, and equipment access. Contractor is responsible for providing protection of the pavers as required to prevent any damage.

- I. All work requiring access to the hoist way or elevator pit shall be coordinated with Bid Package #02 and the Construction Manager. Bid Package #02 shall provide manpower to operate the elevator for this work and will track their time accordingly. All contractors shall coordinate to minimize the hours required to operate the elevator for this work.
3. Temporary Facilities:
  - a. This contractor shall participate in a pre-demolition meeting with DAS, DCI Group, ICN, and other State agencies to identify existing cabling and equipment to remain and protect as well as coordination for new installations.
  - b. It will be the responsibility of the contractor doing the work to protect existing finishes during work by this bid package. Protection to include plastic and plywood working surfaces
  - c. This contractor will be responsible for required fall protection at elevator shafts.
  - d. This Contractor shall assume all liability for running electrical equipment until the turnover at the date of project completion.
4. Demolition:
  - a. Contractor to identify all circuits and de-energize before demo work begins. Notify the Construction Manager when areas are ready for other trades to begin their work. Contractor will not be allowed to perform any electrical work while the systems are hot. Plan ahead and coordinate with the Construction Manager so electrical work can progress smoothly. All panels that are energized must be indexed and locked.
  - b. This Contractor shall be responsible for patching all floor, wall and roof penetrations where the existing piping and/or ducting is abandoned and not needed for new work. Patch to match fire rating of existing wall construction.
  - c. Contractor will be required to legally dispose of all fluorescent bulbs, ballast, and all hazardous material contained within electrical fixtures or equipment.
  - d. Contractor to perform all electrical and low voltage demolition per the architectural, mechanical, and electrical plans. This shall include, but not be limited to, receptacles, disconnects, and circuits. Patch all areas of electrical demolition that will not be reused. Patch to match fire rating of existing wall construction.
  - e. This contractor shall participate in pre-disconnect and demolition meeting with DCI Group and the State to review and verify sequence and procedure for disconnect, demolition, and new installation of electrical equipment.
  - f. Contractor to verify existing items that are to be removed and reinstalled are in working order before removing.
  - g. This contractor shall remove empty conduit in the elevator shaft that is no longer in use. Coordinate with BP #2 for moving the elevator car
  - h.
5. Electrical & Low Voltage:
  - a. Contractor to furnish and install all emergency lighting systems. Elevator cab lighting to be by elevator contractor.
  - b. This contractor shall be responsible for new circuits and breakers in existing panels are required.
  - c. Electrical connections to equipment provided by other bid packages will be the responsibility of this contractor. This contractor shall coordinate with those trades and submittals on requirements.
  - d. If the installation of pathways requires new penetrations or the reuse of existing penetrations, this contractor shall be responsible for the removal and repair. New or existing penetrations utilized by this contractor shall be fully sealed to match the wall rating on both sides of the wall.

- e. This Contractor shall be responsible for all core drilling required for this scope of work.
- f. Contractor to furnish and install all power systems. That shall include, but not be limited to, pathways, circuits, breakers, receptacles, disconnects, shunt trips, and relocation of existing electrical features as required. This shall include replacement of disconnect switches.
- g. This contractor shall integrate existing fire hat, primary, secondary and shut trip into new elevator controller.
- h. Contractor to relocate electrical equipment as noted in contract documents and not integral to the elevator equipment.
- i. This Bid Package includes connection of equipment supplied by others as required, this includes the elevator equipment, electric unit heater and sump pump.
- j. Contractor shall provide ALL grounding requirements for all electrical.
- k. This Contractor shall wire all integral disconnects/starters for the Elevator Equipment. The Mechanical and Elevator Contractor shall provide all integral disconnects/starters for Mechanical and Elevator Equipment.
- l. This Contractor shall provide and install all non-integral disconnects for the Elevator Equipment. All disconnects called to be relocated will be relocated by this contractor. Contractor shall plan work to minimize the disruption in service for disconnects to be relocated.
- m. This contractor shall install new pathways and cabling from data rack to serve new elevator cab 2-way communication system that will call out to Camp Dodge Front Gate Security. Contractor is responsible for termination and testing. IP address will be provided by the owner, coordinate with ILEA as required.
- n. This contractor shall install covers on open junction boxes in the elevator shaft and in the elevator machine room.
- o. This contractor shall be responsible for providing the pre-transfer signal from the existing ATS to the elevator controller.
- p. This contractor is responsible for removing existing smoke detectors as outlined in the contract documents, replacing them with heat heads during construction. Contractor to provide and install new smoke detectors once construction is completed. Fire watch is required for any downtime of the fire alarm system for 4 hours or more.

**E. Work Performed by Owner:** ILEA will perform the following work items:

- 1. Relocate all moveable furniture, fixtures and equipment (FF&E), including window treatments; and personal materials from each sequenced work area prior to demolition and construction activities and after new construction is completed.
- 2. Owner to repair existing emergency communication device on the ground and second floors
- 3. Owner to remediate and repair disturbed area of grass at existing elevator sump discharge.
- 4. IP Address for two-way communication system.

**PART 2 - PRODUCTS – NOT USED**

**PART 3 - EXECUTION – NOT USED**

**END OF SECTION**