BIDDING INSTRUCTIONS & FORMS

Houchin Elementary HVAC Replacement 3200 N. Webster Moore, Oklahoma 73160

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Houchin Elementary HVAC Replacement

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Houchin Elementary HVAC Replacement

3200 N. Webster Moore, Oklahoma 73160

Division 0 Bidding Instructions & Forms

ARCHITECT OF RECORD: AGP – the Abla Griffin Partnership, LLC

313 SE 5th Street

Moore, OK 73160 405-735-

3477

CONSTRUCTION MANAGER: OMNI Construction, LLC

1909 S. Eastern Ave. Moore, OK 73160 405-

735-3992

DOCUMENT 100

SOLICITAITON FOR BIDS (BID NOTICE)

Sealed proposals will be received by the Board of Education, Independent School District No. I-002, Moore, Cleveland County, Oklahoma, at the Moore Public Schools Administration Service Center, 1500 SE 4th Street, Moore, Oklahoma, until 2:00 P.M., Central Standard Time, on Wednesday the 25th day of September 2024, at which time said bids will be opened for furnishing all labor and materials for the construction of the Houchin Elementary HVAC Replacement including the following Bid Packages:

Bid Package 1 – Demo/Sitework (Not Used)
Bid Package 2 – Concrete (Not Used)
Bid Package 3 – Masonry (Not Used)
Bid Package 4 – Metal (Not Used)
Bid Package 5 – Wood & Plastic (Not Used)
Bid Package 6 – Thermal & Moisture Protection (Not Used)
Bid Package 7 – Doors & Hardware (Not Used)
Bid Package 8 – Finishes (Ceiling Systems) (Not Used)
Bid Package 9 – Specialties (Accessories) (Not Used)
Bid Package 10 – Flooring (Not Used)
Bid Package 11 – Painting (Not Used)
Bid Package 12 – Fire Suppression (Not Used)
Bid Package 13 – Mechanical
Bid Package 14 – Plumbing (Not Used)
Bid Package 15 – Electrical/Cabling/IT (Not Used)

Bids received more than ninety-six (96) hours, excluding Saturdays, Sundays, and holidays, before the time set for opening bids, as well as bids received after the time set for opening bids, will not be considered, and will be returned unopened.

Bids will be publicly opened and read aloud at the above-mentioned office immediately following the closing time stated above.

Complete sets of General Conditions, Plans, and Specifications, and other bidding documents may be obtained through OMNI Construction, LLC, and the RPG Plan Room.

OMNI Construction 1909 S. Eastern Ave. Moore, OK 73160 405-735-3992 www.omnioklahoma.com RPG Plan Room www.rpgplanroom.com

A cashier's check, a certified check, or a surety bond in the amount of five percent (5%) of the bid shall accompany the sealed proposal of each bidder if the proposal has a value greater than \$50,000.00. Bid Guarantees will be returned to the unsuccessful bidders.

The Board of Education reserves the right to accept or reject any and all bids.

The time period within which a contract will be executed following award to the successful bidder will not exceed thirty (30) days.

DOCUMENT 200

INSTRUCTIONS TO BIDDERS

To be considered, bids must be made in accordance with these instructions to bidders.

Section 1	Solicit	tation		
	1)	Bid Submission		
	2)	Intent		
	3)	Work Identified in the Contract Documents		
	4)	Contract Time		
Section 2	Bid Do	cuments and Contract Documents		
	1)	Definitions		
	2)	Contract Documents Identification		
	3)	Availability		
	•	Examination		
	5)	Queries/Addenda		
	6)	Product Substitution		
Section 3	Site As	ssessment		
	•	Site Examination		
Section 4	Qualif	ications		
	1)	Evidence of Qualifications		
	2)	Subcontractors/Suppliers/Others		
Section 5	Bid Su	bmission		
	1)	Submission Procedure		
	2)	Bid Ineligibility		
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	1)	Security Deposit		
	2)	Performance Assurance		
	3)	Bid Form Requirements		
	4)	Bid Form Signature		
Section 7	Offer A	Acceptance/Rejection		
	1)	Duration of Offer		
	2)	Acceptance of Offer		

Section 1-SOLICITATION

1.1) BID SUBMISSION

A. Sealed proposals will be received by the Board of Education, Independent School District No. I-002, Moore, Cleveland County, Oklahoma, at the Moore Public Schools Administration Service Center, 1500 SE 4th Street, Moore, Oklahoma, until 2:00 P.M., Central Standard Time, on Wednesday, the 25th day of September 2024, at which time said bids will be opened for furnishing all labor and materials for the complete construction of the Houchin Elementary HVAC Replacement project.

Bid Packages: Bid Package 1 – Demo/Sitework (Not Used)

Bid Package 2 – Concrete (Not Used) Bid Package 3 – Masonry (Not Used) Bid Package 4 – Metal (Not used)

Bid Package 5 – Wood & Plastic (Not Used)

Bid Package 6 – Thermal & Moisture Protection (Not Used)

Bid Package 7 – Doors & Hardware (Not Used)

Bid Package 8 – Finishes (Ceiling Systems) (Not Used)

Bid Package 9 – Specialties (Accessories) (Not Used)

Bid Package 10 – Flooring (Not Used)
Bid Package 11 – Painting (Not Used)

Bid Package 12 - Fire Suppression (Not Used)

Bid Package 13 – Mechanical

Bid Package 14- Plumbing (Not Used)

Bid Package 15 – Electrical/Cabling/IT (Not Used)

- B. Bids received more than ninety-six (96) hours, excluding Saturdays, Sundays, and holidays, before the time set for opening bids, as well as bids received after the above time set for opening bids, will not be considered, and will be returned unopened.
- C. All forms identified in Section 300 shall be properly filled out and notarized.
- D. Bids will be publicly opened and read aloud at the above-mentioned office immediately following the closing time stated above.
- E. Amendments to submitted Bids will be permitted when received in writing prior to bid deadline and when endorsed by the same party or parties who signed and sealed the Bid.
- F. Bidders may withdraw their Bid by written request at any time before bid deadline.

1.2) INTENT

- A. The intent of this bid request is to obtain an offer to perform work to complete the construction of the Houchin Elementary HVAC Replacement, 3200 N. Webster, Moore, OK 73160, for a Stipulated Price contract, in accordance with the Contract Documents.
- B. The Owner has contracted with OMNI Construction to act as Construction Manager for the total Project. Selected parts of the work of the Project may be completed by the Construction Manager and other parts may be contracted by acceptance of public bids.

1.3) WORK IDENTIFIED IN THE CONTRACT DOCUMENTS

- A. Work of this proposed Contract comprises of bid package 1 thru 15 as noted in the Bid Manual
- B. The Scope of the work consists of furnishing all labor and materials for the complete construction, in accordance with the Contract Documents,
- C. The Base Proposal shall include all work as described in the Drawings, Project Manual and bid day instructions and forms. Each trade shall be responsible to review all sheets identified in the plan set and work that may pertain to their respected bid package.

1.4) CONTRACT TIME

- A. Construction Start Date = 5/19/2025
- B. Construction Completion Date = $\frac{8}{6}/2025$

Project must be completed by start of the 2025-2026 school year.

Section 2 BID DOCUMENTS AND CONTRACT DOCUMENTS

2.1) **DEFINITIONS**

- A. Bid Documents: Project Plans, Project Manual, Bidding Instructions and Forms.
- B. Bid: Executed Bid Form and required attachments submitted in accordance with these Instructions to Bidders.
- C. Bid Price: Monetary lump sum identified by the Bidder in the Bid Form.

2.2) CONTRACT DOCUMENTS IDENTIFICATION

A. The Contract Documents (Drawings and Project Manual) are identified as prepared by the Architect, AGP – the Abla Griffin Partnership, LLC, and identified in their respective Table of Contents.

2.3) AVAILABILITY

A. Refer to section 2.4- for availability of drawings.

2.4) EXAMINATION

- A. Bid Documents are on display at the offices of the following construction association plan room facilities:
 - [1] OMNI Construction, LLC 1909 S. Eastern Ave. Moore, OK 73160 405-735-3992 www.omnioklahoma.com
 - [2] RPG Plan Room www.rpgplanroom.com
- B. Upon receipt of Bid Documents verify that documents are complete. Notify the Architect or Construction Manager, OMNI Construction, LLC, should the documents be incomplete.

C. Immediately notify the Architect or Construction Manager upon finding discrepancies or omissions in the Bid Documents.

2.5) QUERIES/ADDENDA

- A. Direct questions to AGP the Abla Griffin Partnership L.L.C., 313 SE 5th Street, Moore, Oklahoma 73160, 405-735-3477 or AGP@theAGP.net. OMNI Construction, LLC, PO Box 892245 Oklahoma City, OK 73189, 405-735-3992 or omniconstructionllc@coxinet.net.
- B. Verbal answers are not binding on any party.
- C. Submit questions not less than 3 days before date set for receipt of Bids. Replies will be made by Addenda.
- D. Addenda may be issued during the Bidding period. Addenda become part of the Contract Documents. Include resultant costs in the Bid Price.
- E. List any addenda received on the Bid Form. Failure to receive any addenda shall not release the bidder from any obligations under his bid.

2.6) PRODUCT SUBSTITUTION

- A. Where the Bid Documents stipulate a particular Product, substitutions will be considered by the Architect up to seven (7) days before receipt of Bids.
- B. With each substitution request, provide sufficient information for Architect to determine acceptability of proposed products.
- C. When a request to substitute a Product is made, Architect may approve the substitution. Approved substitutions will be identified by Addenda.
- D. In submission of substitutions to products specified, Bidders shall include in their Bid, any changes required in the Work to accommodate such substitutions. Later claims by the Bidder for an addition to the Contract Time or Contract Sum/Price because of changes in Work necessitated by use of substitutions shall not be considered.

Section 3 SITE ASSESSMENT

3.1) SITE EXAMINATION

- A. Examine the project site before submitting a Bid.
- B. Each bidder shall carefully examine the project site, compared it to the Drawings and Project Manual, including all Addenda, and satisfied themself as to the existing conditions under which their trade will be required to work, or that will affect the work under this contract.
- C. No allowances will be made on behalf of the Contractor for any error or negligence in determining these existing conditions. By submission of a bid on this project, the bidders agree to accept the existing project site in its present condition.
- D. Any and all site visits shall be scheduled though the Project Manager of record, OMNI Construction, LLC 405-735-3992.

Section 4 QUALIFICATIONS

4.1) EVIDENCE OF QUALIFICATIONS

A. To demonstrate qualifications for performing the Work of this Contract, Bidders may be required to submit in writing, evidence of financial position, previous experience, and current commitments. The financial statement shall reflect the true financial condition of the bidder within three months prior to the date of the bid opening. To be eligible for the Contract a bidder, must be able to show his financial ability to carry on work until such time as he receives the first payment on the Contract agreement, and to finance the work between payments until the project is complete and accepted by the Owner.

4.2) SUBCONTRACTORS/SUPPLIERS/OTHERS

- A. The Owner reserves the right to reject a proposed Subcontractor for reasonable cause.
- B. Refer to OMNI Construction's Master Service Agreement when OMNI is Construction Manager.

Section 5 BID SUBMISSION

5.1) SUBMISSION PROCEDURE

- A. Bidders shall be solely responsible for the delivery of their Bids in the manner and time prescribed.
- B. Submit one copy of the executed offer on the Bid Forms provided, signed, and sealed with the required security in a closed opaque envelope, clearly identified with Bidder's name, project name, Owner's name, Bid Manual 1, Bid Package Number and Description, and Bid Date on the outside of the envelope.
- C. Contents of the Proposal Packet:
 - 1. Complete Bid Forms (Document 300).
 - 2. Non-collusion Affidavit signed and notarized.
 - 3. Non-Kickback Affidavit signed and notarized.
 - 4. Affidavit of Asbestos Free Materials and Construction signed and notarized.
 - 5. Non-Sex Offender Affidavit signed and notarized.
 - 6. Business Relationship Affidavit signed and notarized.
 - 7. A cashier's check, a certified check, or surety bond.
- D. An abstract summary of submitted Bids will be made available to all Bidders following Bid opening.

5.2) BID INELIGIBILITY

- A. Bids that are unsigned, improperly signed or sealed, conditional, illegible, obscure, contain arithmetical errors, erasures, alterations, or irregularities of any kind, may be declared unacceptable at Owner's discretion.
- B. Bid Forms, Appendices, and enclosures which are improperly prepared, may at the discretion of the Owner, be declared unacceptable.
- C. Failure to provide security deposit, bonding or insurance requirements will at the discretion of the Owner, invalidate the Bid.

Section 6

BID ENCLOSURES/REQUIREMENTS

6.1) **SECURITY DEPOSIT**

- A. Bids shall be accompanied by a security deposit if the proposal has a value greater than \$50,000.00 for a sum not less than five percent (5%) of the Bid Price/Sum submitted, as a guarantee that the successful bidder will properly execute a Contract and file performance assurance bonds within seven (7) days of the date of notification of award, as follows:
 - 1. Bid Bond or
 - 2. Certified or cashier's check.
- B. Should the successful bidder fail to enter into a Contract Agreement or to comply with the specified requirements, the bidder's check or bond will become the property of the Owner as liquidated damages, but not as penalty.
- C. Endorse the Bid Bond in the name of the Owner as obliged, signed, and sealed by the Contractor as principal and the Surety. Surety Bonds shall be issued by a surety licensed to conduct business in the State of Oklahoma and shall be accompanied by the bond agent's power-of-attorney.
- D. Endorse the certified or cashier's check in the name of the Owner.
- E. The security deposit will be returned after delivery to the Owner of the required Performance and Statutory Payment Bonds by the accepted Bidder.
- F. The security deposit will be returned after delivery to the Owner of the required Performance and Labor and Material Payment Bond(s) by the accepted Bidder.
- G. Include the cost of Bid Security in the Bid Price.
- H. After a bid has been accepted, all securities will be returned to the respective Bidders and other requested enclosures.
- I. If no contract is awarded, all security deposits will be returned.

6.2) PERFORMANCE ASSURANCE

- A. Accepted Bidder: Provide Performance and Statutory Bonds in one hundred percent (100%) of the contract amount covering faithful performance of the contract, and payment of all obligations arising there-under, will be required by the Owner.
- B. Provide a Defect Bond in the amount of one hundred percent (100%) of the contract amount covering defective workmanship and materials for a period of one year after the acceptance of the project.
- C. Include the cost of performance assurance bonds in the Bid Price.
- D. Oklahoma law allows substitution of an Irrevocable Letter of Credit is included herewith. One such letter shall be required for each of the bonds noted above.
- E. Construction Manager reserves the right to enforce or waive the surety bond requirements.

6.3) BID FORM REQUIREMENTS

A. Complete all requested information in Section 300 of the Bidding Instructions and Forms.

6.4) BID FORM SIGNATURE

- A. The Bid Form shall be signed by the Bidder, as follows:
 - 1. Sole Proprietorship: Signature of sole proprietor in the presence of a witness who will also sign. Insert the words "Sole Proprietor" under the signature.
 - 2. Partnership: Signature of all partners in the presence of a witness who will also sign. Insert the word "Partner" under each signature.

- 3. Corporation: Signature of a duly authorized signing officer(s) in their normal signatures. Insert the officer's capacity in which the signing officer acts, under each signature. Affix the corporate seal. If the Bid is signed by officials other than the President and Secretary of the company, or the President/Secretary/Treasurer of the company, a copy of the by-law resolution of the Board of Directors authorizing them to do so, must also be submitted with the Bid Form in the Bid Envelope.
- 4. Joint Venture: Each party of the joint venture shall execute the Bid Form under their respective seals in a manner appropriate to such party as described above, similar to the requirements of a Partnership.

Section 7 OFFER ACCEPTANCE/REJECTION

7.1) DURATION OF OFFER

A. Bids shall remain open to acceptance and shall be irrevocable for a period of thirty (30) days after the Bid closing date.

7.2) ACCEPTANCE OF OFFER

- A. The Owner reserves the right to accept or reject any or all bids, or to accept any bid he considers advantageous and to waive formalities and irregularities.
- B. The Owner reserves the right to disqualify bids, before and after opening, upon evidence of collusion with intent to defraud or other illegal practices upon the part of the bidder.
- C. The Contract will be awarded based on the lowest responsible bid.
- D. In case of a difference in written words and figures on the Bid Form, the amount stated in written words shall govern.
- E. After acceptance by the Owner, the Architect, on behalf of the Owner, will issue to the successful Bidder, a written Notice to Proceed.
- F. The time Period within which a contract will be executed following award to the successful bidder will not exceed thirty (30) days.
- G. In the event of a tie bid the coin toss method will be administered by the Construction Manager to determine the successful bidder.

DOCUMENT 300

BID FORMS

PROJECT NAME: Houchin Elementary HVAC Replacement

DATE O	F BID OPENING:		
COMPA CONTAC TELEPHO FAX NUI	NY ADDRESS: CT NAME: DNE NUMBER: MBER:		
*Labor I	Escalator: The amoun	t of increase in labor from bids date to s	tart date
PACKAGE NO. / DESCRIPTION	COMPLETE D	ESCRIPTION AS TO SCOPE OF WORK	AMOUNT
DESCRIPTION	Equipment Cost		
	Labor Cost		
	Labor Escalator (no	ot to exceed 3%)	
	TOTAL		
**Any proposal	containing clarificatio	ns or exclusions shall not be considered.	
Equipment Cost	:		(Written Words
\$			(Numeric Form)
Labor Cost:			(Written Words
\$			(Numeric Form)
Labor Escalator	Cost:		(Written Words
\$			(Numeric Form)
Total Bid:			(Written Words
\$			(Numeric Form)

IT IS UNDERSTOOD THE BASE BID DOES NOT INCLUDE THE COST OF THE PERFORMANCE BOND COVERING 100% OF THE COTRACT AMOUNT. PRIOR TO AWARD, THE OWNER AND CONTRACTOR RESERVE THE RIGHT TO ADD A PERFORMANCE BOND FROM THE TRADE CONTRCT AGREEMENT. PLEASE INDICATE THE FOLLOWING INFORMATION WITH REGARDS TO YOUR PERFORMANCE BOND:

PERFORMANCE BOND	RATE (%):		
COST OF PERFORMANO	CE BOND (\$):	(Dollars)	
<u>Alternates:</u>			
Description of Alternat	e: No Alternate		
Add or Deduct:			
	r and all items of the given pidered to be a part of the b	package which are not specifically excluded in the bid package.	
SIGNATURE OF BIDDIN	G PARTY	DATE	
By initialing the line no items:	ext to each item below you	are acknowledging that you have included the following	
A cash	nier's check, a certified chec	ck, or a surety bond if bid is \$50,000 or greater.	
Non-C	Collusion Affidavit (Signed a	nd Notarized)	
Non-k	Cickback Affidavit (Signed ar	nd Notarized)	
Affida	vit of Asbestos Free Materia	als and Construction (Signed and Notarized)	
Non-S	ex Offender Affidavit (Signe	ed and Notarized)	
Busine	ess Relations Affidavit (Signe	ed and Notarized)	
Ackno	wledge receipt of Addenda	Numbers _ through _ issued for bidding.	
SUBMITTED BY:			
COMPANY NAME:			
FULL PRINTED NAME:			
SIGNATURE:			
DATE:	E:		

NON-COLLUSION AFFIDAVIT

STATE OF)	
)ss.	
COUNTY OF)	
, of lawful age, being first authorized by the bidder to submit the attached bid. Affiant fur to any collusion among bidders in restraint of freedom of comp refrain from bidding; or with any state official or employee as t contract, or any other terms of said prospective contract; or in official concerning exchange of money or other things of value contract.	ether states that the bidder has not been a party etition by agreement to bid at a fixed price or to o quantity, quality or price in the prospective any discussions between bidders and any state
Subscribed and sworn to me before this day of	, 20
	Notary Public
My Commission Expires:	

NON-KICKBACK AFFIDAVIT

COMPANY NAME:		
of materials, goods, or services, must be statement as indicated below and return	accompanied by the signe	
(work, services, or materials) was specifications, orders, or request no payment directly or indirect	at this contract is true and contract is true and contract is true and contract is true and contract is furnished the affiant. Affittly to any elected official, subdivision of the state, of	neer), of lawful age, being correct. Affiant further states that the plied) in accordance with the plans, ant further states that (s)he has made officer, or employee of the State of money or any other thing of value to
(Signature of cont	ractor, supplier, engineer, or a	rchitect)
Subscribed and sworn to me before this		, 20 tary Public
My Commission Expires:		

NON-ASBESTOS AFFIDAVIT

STATE OF OKLAHOMA)		
	SS)		
COUNTY OF)		
·		g first duly sworn, on oath says that (s)he is the	
,		urther states that the bidder has not included a	
a part of the bid and will not include in the fir workman to include in the finished construct		n, nor will said bidder allow any subcontractor of	or
amount equal to or in excess of the one perc			
·	, , ,		
Subscribed and sworn to me before this	day of	, 20	
		Notary Public	
My commission Expires:			
,			

NON-SEX OFFENDER AFFIDAVIT

The undersigned,		_ represents that	he/she is the owner or an off	ficer of
Schools, as required by Section I declare that no employee on above-named company or busing any se offense subject to the section of the sect	school premises durin iness has been convict ex Offenders Registra	g normal workin ed in the State, th	g hours under the authority one United States, or another s	of the state of
I further declare that no emploauthority f the above-named cotten (10) years in this State the	ompany or business ha	s been convicted		
I further understand that Title It is unlawful for any person reprovide services to children or provides services to children or willfully allow any employee pursuant to the Sex Offenders the subsection, the violator shall Thousand Dollars (\$1,000.00)	egistered pursuant to to to work on school pro- r contracts for work to to work with children Registration Act. Upo all be guilty of a misde	he Sex Offenders emises, or for any be performed or or to work on scl on conviction for emeanor punisha	s Registration Act to work wy person or business who off a school premises to knowing hool premises who is registe any violation of the provision ble by a fine not to exceed C	fers or gly and ered ons of
Dated this da	y of	, 20		
Vendor / Contractor's Name a	nd Address			
Authorized Signer				
Subscribed and sworn to me befo	ore this day	of	, 20	
My Commission Expires:		Notary Pu	ıblic	

Business Relations Affidavit

State of	
County of)ss.
the agent authorized by the bidder to nature of any partnership, joint venture	f lawful age, being first duly sworn on oath that (s)he is submit the attached bid. Affiant further states that the re, or other business relationship presently in effect of or to the date of this statement which the architect, as follows:
	ness relationship presently in effect or which existed within tement between any official or director of the architectural o the project is as follows:
	all persons who have any such business relationship and ective companies or firms are as follows:
(If none of the business relationships h	ereinabove mentioned exists, affiant should so state)
	Name:
	Title:
Subscribed and sworn before me this	day of, 20
Notary Public	
My Commission Expires:	

300-6

DOCUMENT 400 GENERAL BID PACKAGE ITEMS

Each Bid Package shall include, but is not necessarily limited to the following General Bid Package Items:

Section 1-General

- A. Subcontractor acknowledges that they have performed an onsite investigation, if desired, of the site conditions and acknowledges that all activities must be performed in close coordination with other Subcontractors. The Subcontractor shall be responsible for all means and methods for performing the work according to the contract documents, site conditions, and all applicable codes.
- B. Subcontractor shall comply with all provisions of the OMNI Construction contract, insurance, safety, and EEOC requirements.
- C. In addition to the Conditions of Specification, drawings, submittals, and Closeout Submittals the Subcontractor shall provide the following:
 - Each Submittal shall be submitted under a separate coversheet indicating the specific
 Specification Section to which it pertains.
 - Subcontractor shall submit three (3) hard copies and one (1) digital copy of each submittal.
 - Subcontractor shall submit two (2) hard copies and one (1) digital copy of Close-out Documents.
 - a. Subcontractor shall be responsible for timely submission of all submittals, including but not limited to: shop drawings, samples, product data sheets MSDS information, and all other submittals required by the contract documents.
 - b. Miscellaneous This contract will be provided by OMNI Construction. All warranties and guarantees are to be transferred to Owner at the completion of this project.
 - c. Subcontractor shall sequence work as directed by OMNI without exception.
 - d. All correspondence for this project shall be directed to the designated Project Manager OMNI Construction.
 - e. Coordination Subcontractor shall have a designated Project Superintendent who will regularly attend construction meetings as required involving this project. The Superintendent/representative attending the meeting shall have the authority and ability to make binding commitments regarding the timing of the performance of Subcontractor's work. Subcontractor, Field Project Manager or Superintendent may not be changed without mutual agreement with OMNI Construction. Subcontractor shall attend all schedule related meetings to coordinate access to work areas with the other Subcontractors, OMNI Construction and Owner work forces that are on site.
- f. Subcontractor shall engage a qualified surveyor to establish exact points to act as working points as needed. Subcontractor shall include the cost to resurvey as needed to establish final dimensions and protect and maintain working points and survey control points from disturbance caused during construction. Construction Manager will provide two (2) Benchmarks to establish the layout.

- g. Subcontractor shall include all layout and field dimensions associated with this work.
- h. Subcontractor shall coordinate delivery of materials. Subcontractor shall provide equipment and personnel necessary to unload, stack, and store onsite. Subcontractor shall inventory all delivered items and inspect for damage or missing items. Any damaged or missing items shall be noted on the Bill of Lading. Subcontractor shall notify suppliers and arrange for replacement items to be shipped. Subcontractor shall file all damage claims with insurance carriers. Placement of staged items shall be coordinated with OMNI Construction.
- i. Subcontractor shall be responsible for any damage caused by the Subcontractor to any adjoining areas that remain.
- j. Subcontractor shall pay for all repairs to other Subcontractor's work damaged by contractor's personnel, suppliers, or subcontractors during construction.
- k. Subcontractor shall be responsible for daily clean-up to include but not limited to: Removal and/or proper storage of tools, equipment, and materials as required by the Construction Manager, disposal of scrap and waste material, and the sweeping of any dust and dirt generated by construction activities, including general foot traffic of the subcontractor. All debris will be removed from the working area and deposited in the dumpster or proper location by the subcontractor, as directed by the Construction Manager.
- I. Subcontractor is responsible for the proper back fill and testing of work put in place by the subcontractor in accordance with specification section 02200 Earthwork.
- m. Subcontractor is responsible for fire caulking and sealing of all penetrations, with an equal fire rating to that of the wall being penetrated by the subcontractor's work.

Section 2-Project Schedule

Project Sequence: Bidders will be required to adhere to the project schedule, which will be provided by OMNI Construction. Work will be performed as required to meet the overall completion date.

- A. The Subcontractor agrees that it will provide adequate manpower to complete the Subcontractor's Work in accordance with the time established by the Schedule during regular working hours. The Schedule is based on a 40-hour work week. The Work Week is Monday Friday, from 7:00 a.m. 4:00 p.m. It shall be the Subcontractor's responsibility to meet the Schedule. Any cost associated with additional manpower and or overtime hours required to meet the schedule are the responsibility of the Subcontractor. In addition, the Subcontractor will be liable to the Construction Manager in connection with any overtime required to meet the schedule due to Subcontractor's inability to meet the schedule during regular hours, including but not limited to, additional supervision and a reasonable markup for overhead and profit.
- B. Off hour and or Overtime may be required to complete select activities as may be directed by the Construction Manager and or Owner to meet the need of the school. These activities will be scheduled in advance.

- C. It shall be the responsibility of Subcontractor to provide in writing the following information on a weekly basis, in order to update the Master Project Schedule:
 - o Detailed Schedule including activities, anticipate durations and man loading
 - o Subcontractor's daily report shall be submitted to OMNI Project Superintendent
 - o Planned crew size and man-hours by week
 - o Actual crew size and man-hours expended by week
 - o Planned units by week
 - Actual units installed by week
- D. Subcontractor shall provide an estimated man-loading curve for the duration of the project. This curve will be used as a guide for man loading throughout project. Subcontractor shall coordinate with OMNI Construction to refine the schedule for manpower loading and timely completion of the project. This responsibility will be ongoing as updates are required.

Section 3-Safety

- 3.1 Subcontractor shall implement a safety program meeting or exceed the requirements set forth by OSHA.
- 3.2 High visibility clothing and proper PPE will be required 100% of the time for the duration of this project.

DOCUMENT 500 BID PACKAGE 1-15

BID PACKAGE 1: DEMO/SITEWORK (Not Used)

Project: Houchin Elementary HVAC Replacement
Location: 3200 N. Webster, Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 02050	Demolition	As applicable to Site Prep and
		Concrete
Section 02100	Site Preparation	Complete
Section 02200	Earthwork	As applicable to Concrete
Section 02910	Temporary Erosion Control	Complete
Section 02920	Landscape Grading	Complete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the DEMO/SITEWORK BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish labor, materials, and equipment necessary to complete demo/sitework.
- 2. Testing to be paid for by others, but to be coordinated by contractor.
- 3. Include all dewatering required to perform this scope of work.
- 4. Provide construction entrance as set forth in specifications.
- 5. All miscellaneous equipment and material required for the proper completion of this scope of work.
- 6. Subcontractor is to ensure that all elevated work areas are made ready to protect all areas below and have OSHA approved fall protection for work to proceed.

BID PACKAGE 2: CONCRETE (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 02500	Paving and Surfacing	Complete
Section 03300	Cast-In-Place Concrete	Complete
Section 06100	Rough Carpentry	As applicable to concrete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the CONCRETE BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish and install all concrete complete.
- 2. Furnish and install all rebar, dowels, and accessories associated with concrete. Furnish and maintain all rebar caps on dowels until next trade begins tie in. (Rebar associated with Masonry will be provided and installed in Masonry Bid package.)
- 3. Furnish and install all required formwork.
- 4. Excavate and fill as required for all concrete work.
- 5. Furnish all sand & gravel base required for concrete work.
- 6. Include all necessary layout and surveying from a provided benchmark for concrete work.
- 7. Include all termite treatments.
- 8. Testing to be paid for by others but coordinated by contractor.
- 9. Include all concrete related weather and temperature protection.
- 10. Include all dewatering required to perform this scope of work.
- 11. Include concrete repairs including but not limited to patching, rubbing, grinding, fill, sandblast, and caulk as indicated on the drawings and specifications.
- 12. Furnish and install board insulation under slab and at foundation perimeter per plans and specifications.

- 13. All miscellaneous equipment and material required for the proper completion of this scope of work.
- 14. Subcontractor is to ensure that all elevated pours are made ready to protect all areas below and have OSHA approved fall protection for work to proceed.
- 15. Furnish and install sidewalks/paving as detailed.
- 16. Subcontractor is responsible for and must provide their own disposal for washout and concrete debris waste.
- 17. Clean your work area daily.

BID PACKAGE 3: MASONRY (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 04810	Unit Masonry Assemblies	Complete
Section 05500	Metal Fabrications	As Applicable to Masonry

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the MASONRY BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish and install all necessary materials to complete masonry work, inclusive of rebar related to masonry scope of work.
- 2. Provide all necessary equipment and materials required for completion of this scope of work.
- 3. Subcontractor to ensure that all elevated work areas are made ready to protect all areas below and have OSHA approved fall protection for work to proceed.
- 4. Install all loose steel lintels over openings.
- 5. Subcontractor is responsible for and must provide their own disposal for masonry/brick debris waste.
- 6. Clean your work area daily.

BID PACKAGE 4: METALS (MATERIAL ONLY) (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 05500	Metal Fabrications	As per plans and applicable

This bid package shall include all material, equipment, services, insurances, and incidentals for the METAL (MATERIAL ONLY) BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Supply all structural steel framing, joist, and steel decking.
- 2. Supply all anchors for embedding into concrete.
- 3. Supply all anchors for embedding into masonry.
- 4. Supply all bridging and seats.
- 5. Supply all bearings and angles.
- 6. Supply all lintels.
- 7. Supply all required fasteners to include but not limited to bolts, nuts, lag bolts, machine screws, plain washers, drilled-in expansion bolts, toggle bolts, epoxy, anchors, screens, and concrete inserts as indicated in the documents.
- 8. Include delivery of all material associated with this bid package. Delivery must be coordinated with the Construction Manager and steel erector.
- 9. Supply all seismic bracing steel.

BID PACKAGE 5: WOOD & PLASTIC (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 06200	Finish Carpentry	As applicable to custom casework/millwork
Section 06300	Wood Treatment	As applicable to custom casework/millwork

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the WOODS & PLASTICS BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish and install all necessary materials to complete carpentry work.
- 2. Provide all necessary equipment and materials required for the proper completion of this scope of work.
- 3. Subcontractor to ensure that all elevated work areas are made ready to protect all areas below and have OSHA approved fall protection for work to proceed.

BID PACKAGE 6: THERMAL & MOISTURE PROTECTION (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 07150	Damp proofing	Complete
Section 07600	Flashing & Sheet Metal	Complete except as to concrete, roofing and interior finish
Section 07900	Sealants	Complete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the THERMAL & MOISTURE PROTECTION BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish and install all necessary materials to complete the waterproofing/insulation/firestopping work.
- 2. Provide all necessary equipment and materials required for completion of this scope of work.
- 3. Subcontractor to ensure that all elevated work areas are made ready to protect all areas below and have OSHA approved fall protection for work to proceed.
- 4. Clean your work area daily.

BID PACKAGE 7: DOORS/HARDWARE (MATERIAL ONLY) (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 06100	Rough Carpentry	As applicable to this bid package
Section 06200	Finish Carpentry	As applicable to this bid package
Section 06300	Wood Treatment	As applicable to this bid package
Section 08100	Metal Doors and Frames	As applicable to this bid package
Section 08700	Finish Hardware	As applicable to this bid package

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the DOORS/HARDWARE BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

The scope of work shall include all General Bid Package Items as listed in section 400 of Division 0 of the bid manual and shall also include, but not be limited to the following items:

1. Furnish all wood and metal doors, frames and hardware per plans and specifications installation by others.

BID PACKAGE 8: FINISHES (CEILING SYSTEM) (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 05400	Cold Formed Metal Framing	Complete
Section 06100	Rough Carpentry	As applicable to this bid package
Section 06300	Wood Treatment	As applicable to this bid package
Section 07200	Insulation	As applicable to this bid package
Section 09120	Ceiling Suspension Systems	Complete
Section 09250	Gypsum Wallboard	Complete
Section 09500	Acoustical Treatment	Complete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the FINISHES (CEILING SYSTEM) BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish labor, materials, and equipment necessary to complete the ceiling system/finish framing/sheetrock.
- 2. All miscellaneous equipment and material required for the proper completion of this scope of work.
- 3. Subcontractor is to ensure that all elevated work is made ready to protect all areas below and have OSHA approved fall protection for work to proceed.
- 4. All demo/removal of existing material/equipment to be replaced as applicable to this scope of work.
- 5. Clean your work area daily.

BID PACKAGE 9: SPECIALTIES (ACCESSORIES) (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification			
Section	Description		
Division 0	Bidding & Contract Documents	Complete	
Division 1	General Requirements	Complete	
Section 10100	Chalkboards and Tackboards	Complete	
Section 10520	Fire Protection Specialties	Complete	
Section 10800	Toilet and Bath Accessories	Complete	

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the SPECIALTIES (ACCESSORIES) BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

The scope of work shall include all General Bid Package Items as listed in section 400 of Division 0 of the bid manual and shall also include, but not be limited to the following items:

1. Furnish all materials necessary for installation of accessories per the plans and specifications, installation to be provided by others.

BID PACKAGE 10: FLOORING (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification			
Section	Description		
Division 0	Bidding & Contract Documents	Complete	
Division 1	General Requirements	Complete	
Section 09300	Tile	Complete	
Section 09650	Resilient Tile Flooring	Complete	
Section 09681	Carpet Tile	Complete	

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the FLOORING BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish labor, materials, and equipment necessary to complete flooring.
- 2. All miscellaneous equipment and material required for the proper completion of this scope of work.
- 3. Clean your work area daily.

BID PACKAGE 11: PAINTING (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 09900	Painting	Complete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the PAINTING BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish labor, materials, and equipment necessary to complete painting.
- 2. Provide all miscellaneous equipment and material required for the proper completion of this scope of work.
- 3. Subcontractor is to ensure that all elevated work is made ready to protect all areas below and have OSHA approved fall protection for work to proceed.
- 4. Clean your work area daily.

BID PACKAGE 12: FIRE SUPRESSION (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 210500	Common Work Results for Fire Suppression	Complete
Section 210553	Identification for Fire Suppression Piping and Equipment	Complete
Section 211300	Fire Suppression Sprinklers	Complete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the FIRE SUPPRESION BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish labor, materials and equipment necessary to complete fire suppression.
- 2. All miscellaneous equipment and material required for the proper completion of this scope of work.
- 3. Subcontractor is to ensure that all elevated work is made ready to protect all areas below and have OSHA approved fall protection for work to proceed.
- 4. Clean your work area daily.

BID PACKAGE 13: MECHANICAL

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 230500	Mechanical General Provisions	Complete
Section 230512	HVAC Drawings & Product Data	Complete
Section 230513	Electrical Provisions of HVAC Work	Complete
Section 230514	HVAC Condensate Drain Piping System	Complete
Section 230548	Vibration Isolation	Complete
Section 230593	Testing, Balancing, & Adjusting (TAB) of Environmental System	Complete
Section 230713	External Duct Insulation	Complete
Section 232300	Refrigerant Piping and Appurtenances	Complete
Section 233113	Ductwork	Complete
Section 233713	Air Devices	Complete
Section 234100	Air Filtration	Complete
Section 236300	Air-Cooled Condensing Units	Complete
Section 238121	Single Package Rooftop Air Conditioners (w/gas fired heat)	Complete
Section 238223	Gas Fired Furnace with DX Evaporator	Complete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the MECHANICAL BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish labor, materials and equipment necessary to complete mechanical.
- 2. Testing to be coordinated by mechanical contractor.
- 3. All miscellaneous equipment and material required for the proper completion of this scope of work.
- 4. Coring, patching and caulking of penetrations required for this scope of work.
- 5. Subcontractor is to ensure that all elevated work is made ready to protect all areas below and have OSHA approved fall protection for work to proceed.
- 6. All demo/removal of existing material/equipment to be replaced as applicable to this scope of work
- 7. Clean your work area daily.

BID PACKAGE 14: PLUMBING (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 220100	Plumbing Operating and Maintenance Manuals	Complete
Section 220500	Plumbing General Provisions	Complete
Section 220510	Plumbing Contract Quality Control	Complete
Section 220512	Plumbing Drawings & Product Data	Complete
Section 220514	Plumbing Alterations Project Procedures	Complete
Section 220523	Valves	Complete
Section 221316	Soil, Waste and Sanitary Drain/Vent Piping & App.	Complete
Section 222000	Plumbing Piping and Pipe Fittings	Complete
Section 226311	Gas Piping and Appurtenances	Complete

This bid package shall include all labor, materials, equipment, services, insurances, and incidentals for the PLUMBING BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Provide all material labor, and equipment required for proper installation of complete plumbing system.
- 2. All piping, fittings, valves, cleanouts, fixtures, and accessories as required for complete and proper installation of plumbing.
- 3. Any sleeves and penetrations required in walls, floors, roof, etc. for this work including fire/smoke sealing inside and outside of sleeves and patching/fire caulking of the penetrations.
- 4. All supports, hangers and in-wall blocking required for this work.
- 5. All identification as called for and/or required per code.
- 6. Coring, patching and caulking of penetrations required for this scope of work.
- 7. Caulking of all fixtures.
- 8. Furnishing and installing all plumbing equipment.
- 9. Provide all necessary sleeving and or block-outs at CMU required for the proper installation of all plumbing systems included in this contract agreement. Contractor will provide adequate layout and coordination with the Masonry Contractor to ensure proper installation of the work.
- 10. All permits, fees and inspections as required.

- 11. All cutting and patching as required for the work of this proposal.
- 12. Subcontractor is responsible for backfilling and compactions per section 00202.
- 13. All testing to be paid for by others and coordinated by subcontractor associated with backfilling and compaction.
- 14. Subcontractor is responsible for removal of excess spoils from site.
- 15. Subcontractor to coordinate with utilities subcontractor to tie into utilities.
- 16. Subcontractor shall furnish and install steel, lockable, and primed access panels in any location required to allow for proper access to the plumbing system. Access panels shall be large enough to accommodate easy access for repairs, maintenance, and inspection.
- 17. All penetrations through CMU walls must have block-outs. Core drilling will not be allowed.
- 18. All demo/removal of existing material/equipment to be replaced as applicable to this scope of work.
- 19. Clean your work area daily.

BID PACKAGE 15: ELECTRICAL/CABLING/IT (Not Used)

Project: Houchin Elementary HVAC Replacement

Location: 3200 N. Webster Moore, OK 73160

Specification		
Section	Description	
Division 0	Bidding & Contract Documents	Complete
Division 1	General Requirements	Complete
Section 260126	Field Testing	Complete
Section 260500	Electrical General Provisions	Complete
Section 260512	Electrical Shop Drawings & Product Data	Complete
Section 260519	Conductors & Connectors – 600 Volt	Complete
Section 260526	Electrical Grounding	Complete
Section 260533	Conduit System	Complete
Section 260535	Electrical Connections for Equipment	Complete
Section 260536	Surface Non-Metallic Raceway	Complete
Section 260537	Electrical Boxes and Fittings	Complete
Section 260540	Electrical Gutters and Wireways	Complete
Section 260545	Cable Trays	Complete
Section 260925	Electrical Contactors	Complete
Section 260926	Lighting Occupancy Sensors – Ceiling Mount	Complete
Section 262416	Panelboards and Enclosures	Complete
Section 262425	Enclosed Switches	Complete
Section 262430	Fuses	Complete
Section 262773	Line Voltage Wiring Devices	Complete
Section 265113	Lighting Fixtures	Complete

This bid package shall include all labor, material, equipment, services, insurances, and incidentals for the ELECRICAL/CABLING/IT BID PACKAGE, including work from referenced specifications and other work normally associated with this trade.

- 1. Furnish and install the complete building and site electrical systems as specified.
- 2. Furnish, install, and coordinate all permanent fire alarm and communication systems.
- 3. Provide, coordinate, and maintain all temporary building/jobsite trailer and site electrical power and lighting services, including temporary construction facilities.
- 4. Subcontractor is responsible for coordinating all systems with the Fire Sprinkler, Mechanical, and Plumbing Contractors.
- 5. All associated inspections, permits, and required fees.
- 6. Subcontractor is responsible for all layout associated with this bid package.
- 7. Furnish and install all sleeves for associated electrical work.
- 8. Subcontractor is responsible for any and all wiring to others equipment.

- 9. Subcontractor is responsible for all fire-stopping where this scope of work creates penetrations.
- 10. Furnish and install all conduit and boxes for specification divisions 26000 through 28000.
- 11. Furnish and install all conduit and boxes for all mechanical controls systems.
- 12. Subcontractor shall furnish and install steel, lockable, and primed access panels in any location required to allow for proper access to the electrical system. Access panels shall be large enough to accommodate easy access for repairs, maintenance, and inspection.
- 13. All penetrations through CMU walls must have block-outs. Core drilling will not be allowed.
- 14. Subcontractor is responsible for coordinating all systems with the Fire Sprinkler, Mechanical, and Plumbing Contractors.
- 15. All associated inspections, permits, and required fees.
- 16. Subcontractor is responsible for all layout associated with this bid package.
- 17. Furnish and install all sleeves for associated electrical work.
- 18. Subcontractor is responsible for any and all wiring to others equipment.
- 19. Subcontractor is responsible for all fire-stopping where this scope of work creates penetrations.
- 20. Furnish and install all conduit and boxes for specification divisions 26000 through 28000.
- 21. Furnish and install all conduit and boxes for all mechanical controls systems.
- 22. Subcontractor shall furnish and install steel, lockable, and primed access panels in any location required to allow for proper access to the electrical system. Access panels shall be large enough to accommodate easy access for repairs, maintenance, and inspection.
- 23. All penetrations through CMU walls must have block-outs. Core drilling will not be allowed.
- 24. All demo/removal of existing material/equipment to be replaced as applicable to this scope of work.
- 25. Clean your work area daily.