



**Sheridan SD – East End Elementary K-2 Addition**  
**Bid Package – 15B HVAC**

**I. General Scope of Work**

1. Provide all labor, supervision, equipment, hoisting, materials, licenses, and trade permits required to perform all work, turnkey, outlined in this subcontract. Work not specifically shown but considered a standard requirement in the completion of this work is included.
2. All applicable sales tax (unless noted otherwise)
3. Submittals and shop drawings submitted to CR Crawford within (14) days of award of contract.
4. Closeout documents submitted per CR Crawford closeout procedures with (14) days prior to the original substantial completion date of the project.
5. Specified warranties shall be from the date of substantial completion.
6. Freight to the jobsite as it pertains to this scope of work, including any quick-shipment premiums.
7. Maintain accurate as-built drawings.
8. Verification of elevations and field measurements shown on documents prior to commencing work.
9. Installation of materials over substrate indicates acceptance of substrate.
10. Required layout for this scope, benchmark provided by others.
11. Required coordination with other trades.
12. Multiple mobilizations as required to perform this scope of work.
13. Should this subcontractor delay the critical path schedule, subcontractor shall provide all necessary overtime and manpower required to return this scope of work to be on schedule no cost to CR Crawford.
14. Qualified, properly trained, and experienced supervision at all times.
15. Unloading of materials and deliveries to be placed on proper dunnage to prevent product damage.
16. Provide weather protection for stored materials.
17. Repair and replace any damage done to existing SWPPP measures by this trade.
18. Cleanup of any track out by this trade.
19. Subcontractor is responsible for damage done by its own forces to other trade's work.
20. Provide daily clean-up of all debris generated by subcontractor to CR Crawford provided dumpster.
21. Compliance with all rules, regulations, and requirements of local, state, and federal authorities.
22. All work shall strictly comply with adopted building codes. Any discrepancies should be clarified and approved by authority having jurisdiction.
23. Full compliance with CR Crawford safety policies and all governing OSHA guidelines.
24. All cost associated with perimeter safety, fall protection, and personal protective equipment.
25. Full compliance with OSHA "Hot Work" policy.
26. All equipment operators to be properly trained and OSHA certified.
27. Parking fees, shuttle cost, and transportation for this trade.

**II. Trade Specific Scope of Work**

Provide all labor, materials, equipment, and services required to complete the scope as shown, noted, or reasonably inferred from the Contract Documents, including drawings, specifications, and addenda.



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Do not limit work to the sheet or detail references listed below — they are for guidance only. Provide all instances of the scope of work wherever shown or implied in the Contract Documents, whether specifically referenced or not.

1. Locate and protect all utilities to remain.
2. Coordination with local utility companies.
3. Coordination of all equipment, ducting, and piping with other trades.
4. Provide protection of surrounding finishes and surfaces for this scope of work.
5. Provide owner training and training manual for general operation and maintenance for this scope of work.
6. Provide replacement filters for HVAC equipment during construction.
7. Provide certified test and balance for this scope of work.
8. Provide startup of all equipment for this scope of work.
9. Maintain HVAC equipment to be used during construction as required by the Construction Manager.
10. Furnish and install all HVAC units and equipment as specified.
11. Furnish and install all associated controls, thermostats, and programing as specified.
12. Furnish and install all exhaust fans as specified.
13. Furnish and install all ductwork, grills, and louvers as specified.
14. Furnish and install all required dampers as specified.
15. Furnish and install all fire caulking of HVAC penetrations through fire-rated floors and walls as specified.
16. Furnish and install all associated inserts, embeds, hangers, clamps, rods, anchors, supports, and racks required. Where applicable, all anchoring and support accessories shall be installed prior to fire caulking.
17. Furnish and install all kitchen exhaust hoods not directly attached to the kitchen equipment including the ansul suppression system as specified.
18. Furnish and install all high volume fans.
19. Furnish and install final filters prior to project turn-over.
20. Furnish and install engraved tags on all equipment.
21. Furnish and install all associated access doors and panels for this scope of work.
22. Furnish and install all flashing, counter flashing, and caulking at all HVAC wall and roof penetrations.
23. Provide and install all ceiling exhaust fans including speed controllers, disconnects, backdraft dampers, and grilles. See E2.4, E2.2, M1.2, M2.2, M1.4, M6.1, M1.1, M1.3, S4.1.
24. Provide and install all outdoor air units including compressors, filters, dehumidification components, and warranty documentation. See M2.1, M1.4, M1.2, M6.2.
25. Provide and install all condensing units and cooling coils including evaporator freeze thermostats, crankcase heaters, sight glasses, filter dryers, and low ambient controls. See M1.4, M2.1, M1.2, M6.1, E2.4, M5.1, E2.2.
26. Provide and install all make-up air units including supply fans, heat exchangers, and gas temperature controls. See M1.1, M3.1, M3.2, E4.2, M2.1, P1.6.
27. Provide and install all air conditioning units. See M2.1, M1.2, M6.1, M1.1.
28. Provide and install all furnace units including filter bases and concentric vent kits. See E4.1, P1.2, M1.4, M2.1, M1.2, M1.3, M6.1, P1.5, M5.1, E2.3
29. Provide and install all kitchen exhaust fans including motors, bases, and wall openings. See E4.2, M3.1, M3.2, M1.1.
30. Provide and install all mini split systems including outdoor units, indoor fan coils, linesets, covers, anchor bolts, and connections. See M2.1, M1.2, M1.4, M1.1, M5.1, E5.3.
31. Provide and install all round ductwork. See M1.3, M1.2, M6.1, M1.4, M6.2, M1.1.



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32. Provide and install all return air grilles including ceiling returns, sidewall returns, door grilles, and egg crate grilles. See M1.4, M1.2, M1.3, M6.1, M6.2, M2.2, M1.1, M5.1, A5.11, A6.4, A6.3, A6.2.
33. Provide and install all louvers including finishes, bird screens, and anchoring components. See M1.4, M2.2, M1.1, M1.2, S4.5, S4.4, M1.3, A3.2, A2.1, M5.1, A5.11.
34. Provide and install all specialty venting including dryer vents, concentric roof vents, and dishwasher hood duct extensions. See M1.4, M5.1, M1.1.
35. Provide and install all kitchen exhaust ductwork including fire-wrapped duct, steel plate exhaust ducts, wall openings, and shop primer. See M6.2, M6.1, M1.4, S5.1, M3.2.
36. Provide and install all fabric duct systems including ducts, hoops, fittings, suspension components, inlet attachments, endcaps, zippers, adjustable flow devices, labels, and accessories. See M5.2, M5.1, M1.2, M1.1, A5.11, S5.6.
37. Provide and install all supply and return plenums including insulation and hanger brackets. See M3.2, M6.1, M5.1, M1.3.
38. Provide and install all ceiling supply diffusers including linear slot diffusers and louver diffusers. See M6.2, M1.3, M1.1, M2.2, M1.2, M1.4, M6.1, A6.4, A6.1, A6.3, A6.2.
39. Provide and install all rectangular ductwork, fittings, elbows, adapters, collars, taps, connections, and flexible duct. See M5.1, M1.4, M1.1, M1.3, M6.1, A5.11, M1.2, M6.2, M3.2, S2.1, A5.22, E3.2, E3.1, E3.4.
40. Provide and install all mini-split lineset covers, clamps, and flex tubing. See M5.1.
41. Provide and install all drain pans including condensate traps and overflow switches. See M5.1, M2.1.
42. Provide and install all piping connectors and accessories at equipment connections. See M5.1.
43. Provide and install all refrigerant suction and liquid lines. See M1.2, M6.1, M1.4, M2.2, M1.3, M5.1.
44. Provide and install all refrigerant piping accessories including sight glasses, service valves, filter dryers, external equalizers, thermal expansion valves, and compressor isolation valves. See M5.1, M2.1.
45. Provide and install all coil connections at vertical furnaces. See M5.1.
46. Provide and install all combustion air intake and exhaust piping. See M5.1.
47. Provide and install all louver hold downs and plenum hanger brackets. See S4.2, M3.2, M5.1.
48. Provide and install all fabric duct suspension components including cables, cable clamps, eyebolts, cable supports, turnbuckles, glider attachments, and hoops. See M5.2, M1.1.
49. Provide and install all kitchen exhaust fan supports including roof curbs, curb caps, hanger rods, and vibration isolators. See M2.2, M3.2, S4.1.
50. Provide and install all service platforms. See M6.2, M1.2, M1.4.
51. Provide and install all equipment curbs. See M2.1.
52. Provide and install all furnace platform assemblies including angle supports, braces, perimeter frames, sheet metal tops, hat channels, and fasteners. See M5.1.
53. Provide and install all duct support components including struts, angle iron, threaded rods, beam clamps, straps, cables, grips, fasteners, clamps, brackets, pads, and protective finishes. See M5.1, M1.2, M6.2.
54. Provide and install all seismic restraints for ceiling-mounted equipment and ductwork. See M2.2, M5.1.
55. Provide and install all pipe support components including struts, clamps, straps, riser clamps, anchors, and channel nuts. See M5.1, M1.4.
56. Provide and install all FEMA motorized louvers including actuators, flanges, and bird screens. See M5.1, S4.4, M2.2, A5.11.
57. Provide and install all fabric duct adjustable flow devices including adjustment clips and tabs. See M5.2.



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58. Provide and install all manual balancing dampers including quadrant indicators, stand-off brackets, extended control rods, and regulators. See M5.1, M2.2, M1.4, M6.2, M6.1.
59. Provide and install all duct turning vanes at all elbows. See M2.2.
60. Provide and install all filter racks including filters. See M5.1.
61. Provide and install all package unit controls including temperature sensors, VFDs, and wheel rotation controls. See M4.1, M3.1, M2.1.
62. Provide and install all fan control switches and manual motor starters at all exhaust fans, supply fans, and package outside air units. See M4.1.
63. Provide and install all temperature sensors, humidity sensors, CO<sub>2</sub> sensors, CO sensors, smoke sensors, differential pressure sensors, airflow measuring stations, and thermostats at all equipment and control locations. See M1.2, M1.4, M1.3, M2.2, M1.1, M2.1, M4.1, E2.4, E2.2, E2.3, E5.1, E5.2, E2.1, E3.2, E3.4.
64. Provide and install all furnace and package unit controls including heat pump controls, cooling controls, modulating gas heat controls, and modulating hotgas reheat valves. See M4.1.
65. Provide and install all duct sensors and contactors at kitchen make-up air units. See E4.2.
66. Provide and install all BACnet integration components including protocol interfaces, network interfaces, and BMS integration kits at all equipment. See M4.1, M2.1.
67. Provide and install all operator workstations. See M4.1.
68. Provide and install all kitchen hood control panels including touchscreens and wall cabinets. See M3.1.
69. Provide and install all fire safety control contacts and components. See M3.1.
70. Provide and install all condensate overflow switches, drain pan emergency switches, dirty filter switches, and pressure gauges at all furnaces and package outside air units. See M4.1, M5.1, M2.1.
71. Provide and install all control points at all furnaces, package outside air units, and package units. See M4.1.
72. Provide and install all equipment controllers at all furnaces, package outside air units, package units, split systems, and global control locations. See M4.1.
73. Provide and install all exhaust vent caps and hoods including backdraft dampers, bird screens, and finishes. See M1.1, S5.1.
74. Provide and install all exterior duct protective coatings. See M6.2, M1.2, M6.1, M1.1.
75. Provide and install all duct insulation including fiberglass duct wrap, duct liner, external insulation, insulation backing, and flexible duct insulation at all supply diffusers, rectangular ductwork, round runout ductwork, and flexible duct connectors. See M2.2, M6.2, M1.2, M5.1.
76. Provide and install all roof vent terminations including sleeves and insulation. See M5.1, A7.1.
77. Provide and install all insulation at all piping, ducts, and equipment subject to freezing or condensation. See M2.2.
78. Provide and install all refrigerant pipe insulation. See M5.1.
79. Provide and install all louver sealing, bird screens, and metal trim at all louvers. See A5.11, M5.1.
80. Provide and install all duct sealants and penetration sealing at all ductwork openings and plenums. See M5.1, M6.2, M1.2, M1.1, M6.1, A5.13.

### **III. Project Specific Exclusions**

1. Fire Suppression and associated utility work
2. Underground utilities
3. Plumbing
4. Electrical



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**V. Bid Proposal**

We, the undersigned Bidder, having familiarized ourselves with the site, the local conditions, existing facility, and site access affecting the cost of the Project and the Bidding Documents, including Addenda Nos. \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, for the Sheridan SD East End Elementary K-2 Addition, do hereby propose to provide and furnish all labor, materials, taxes, tools, equipment, utility and transportation services, insurance, supervision and all other services and facilities necessary, as required by the Bid Documents to complete all work under this trade, for the lump sum of money enumerated, the said amount, constituting the Base Bid.

The following Bid Documents constitute the basis of our proposal for the work:

- Construction Documents:
  - Project Manual: Dated 05-18-2026 prepared by Lewis Architects Engineers.
  - Drawings: Dated 05-18-2026 prepared by Lewis Architects Engineers.
- General and Trade Specific scope of work
  1. This Subcontractor, by submitting a bid, is acknowledging that they have read and, if they are successful bidder, agree to enter into a contract with C.R. Crawford Construction according to the terms and conditions of the C.R. Crawford Construction Subcontract Agreement; complete with its insurance and safety requirements
  2. All truck and equipment traffic will be restricted to the immediate construction area.
  3. This Subcontractor will provide sufficient manpower to meet the project schedule, including any overtime required to maintain the project schedule, at no additional charge unless the necessity for overtime is caused by others failing to maintain their project schedule through no fault of this Subcontractor or circumstances beyond control (such as “acts of God”).

**BASE BID**

All prices quoted represent the entire cost of the project in accordance with the bidding documents, and we acknowledge that no subsequent claim will be recognized for any increase in wage scales, material prices, cost or any other rates affecting the construction industry and/or this project. Following the Base Bid amount are the prices for Alternates which may be or may not be incorporated into your scope. Insert N/A on lines not applicable to the Bidder’s area of Work.

**BASE BID (including sales tax):**

\_\_\_\_\_ Dollars \$ \_\_\_\_\_

**UNIT PRICES:**

The contract between C.R. Crawford Construction and the successful low bidder will be a fixed lump sum Subcontract Agreement. For revisions to the scope of the project and/or revisions to the contract documents, the lump sum subcontract amount would be adjusted (add or remove) by change order at the following unit prices. All unit prices shall include profit, labor, materials and equipment.



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- 1. None

**ADD / DEDUCTIVE ALTERNATES:**

The following alternate pricing is NOT included in the Subcontractor’s lump sum base bid:

- 1. Payment & Performance Bond – This bidder will be required to furnish a Payment and Performance bond. Indicate the added cost to your bid.

\$ \_\_\_\_\_

- 2. Voluntary Alternates in addition to those listed above are welcome and may be used in assessing the low qualified bidder. Detailed submittal information and compliance with Division 0 and 1 Alternates specifications must be issued along with the Bid Form in order for any alternates to be considered.

Description:

\_\_\_\_\_  
\_\_\_\_\_

\$ \_\_\_\_\_

**ADMINISTRATION OF CONTRACTS**

The undersigned, in submitting this document, agrees that if he is the successful Bidder, he or she will enter into a contract with C.R. Crawford Construction, according to the terms and conditions of the standard C.R. Crawford Construction Subcontract Agreement. In addition, the undersigned agrees that this bid may not be withdrawn for a period of sixty (60) days after the bid issuance.

Respectfully submitted:

\_\_\_\_\_

Firm

\_\_\_\_\_

Bidder Contact Name & Title (printed)

\_\_\_\_\_

Bidder Contact Signature

\_\_\_\_\_

Mailing Address



Sheridan SD – East End Elementary K-2 Addition  
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Street Address

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Telephone

Fax No.

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Bidder Contact e-mail

Arkansas Contractor's License No. \_\_\_\_\_

Federal I.D. No. or SS # \_\_\_\_\_ – \_\_\_\_\_

Date of Bid \_\_\_\_\_