LINKING AGREEMENT
BETWEEN
THE CITY OF GLENDALE, ARIZONA
AND
CS GROUP INC., DBA CHILLER SERVICES, INC., FN

THIS LINKING AGREEMENT (this "Agreement") is entered into as of this day of , 20 , between the City of Glendale, an Arizona municipal corporation (the "City"), and CS Group Inc., dba Chiller Services, Inc. FN, a(n) Colorado corporation authorized to do business in Arizona ("Contractor"), collectively, the "Parties."

RECITALS

A. On December 13, 2021 under Region XIV Education Service Center, the National Cooperative Purchasing Alliance entered into a contract with Contractor to purchase the goods and services described in the HVAC Equipment, Installation, Service, & Related Products. ("Cooperative Purchasing Agreement"), which is attached hereto as Exhibit A. The Cooperative Purchasing Agreement permits its cooperative use by other governmental agencies including the City.

B. Section 2-149 of the City's Procurement Code permits the Materials Manager to procure goods and services by participating with other governmental units in cooperative purchasing agreements when the best interests of the City would be served.

C. Section 2-149 also provides that the Materials Manager may enter into such cooperative agreements without meeting the formal or informal solicitation and bid requirements of Glendale City Code Sections 2-145 and 2-146.

D. The City desires to contract with Contractor for supplies or services identical, or nearly identical, to the supplies or services Contractor is providing other units of government under the Cooperative Purchasing Agreement. Contractor consents to the City's utilization of the Cooperative Purchasing Agreement as the basis of this Agreement, and Contractor desires to enter into this Agreement to provide the supplies and services set forth in this Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing recitals, which are incorporated by reference, and the covenants and promises contained in this Linking Agreement, the parties agree as follows:

1. Term of Agreement. The City is purchasing supplies and/or services from Contractor pursuant to the Cooperative Purchasing Agreement. According to the Cooperative Purchasing Agreement, purchases can be made by governmental entities from the date of award, which was December 13, 2021, until the date the contract expires on December 13, 2022 unless the term of the Cooperative Purchasing Agreement is extended by the mutual agreement of the original contracting parties. The Cooperative Purchasing Agreement, however, may not be extended beyond December 13, 2026. The initial term of this Agreement, therefore, is the period from the Effective Date of this Agreement until December

13, 2022. The City may renew the term of this Agreement for four one-year renewal terms until the Cooperative Purchasing Agreement expires on December 13, 2026. Glendale renewals are not automatic and shall only occur if the City gives the Contractor notice of its intent to renew. The City may give the Contractor notice of its intent to renew this Agreement 30 days prior to the anniversary of the Effective Date to effectuate such renewal.

2. Scope of Work; Terms, Conditions, and Specifications.

   A. Contractor shall provide City the supplies and/or services identified in the Scope of Work attached as Exhibit B.

   B. Contractor agrees to comply with all the terms, conditions and specifications of the Cooperative Purchasing Agreement. Such terms, conditions and specifications are specifically incorporated into and are an enforceable part of this Agreement.

3. Compensation.

   A. City shall pay Contractor compensation at the same rate and on the same schedule as provided in the Cooperative Purchasing Agreement, which is attached hereto as Exhibit C.

   B. The total purchase price for the supplies and/or services purchased under this Agreement shall not exceed twenty thousand dollars ($20,000) annually or one hundred thousand dollars ($100,000) for the entire term of the Agreement (initial term plus any renewals).

4. Cancellation. This Agreement may be cancelled pursuant to A.R.S. § 38-511.

5. Non-discrimination. Contractor must not discriminate against any employee or applicant for employment on the basis of race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity or expression, genetic characteristics, familial status, U.S. military veteran status or any disability. Contractor will require any Sub-contractor to be bound to the same requirements as stated within this section. Contractor, and on behalf of any subcontractors, warrants compliance with this section.

6. Insurance Certificate. A certificate of insurance applying to this Agreement must be provided to the City prior to the Effective Date.

7. E-verify. Contractor complies with A.R.S. § 23-214 and agrees to comply with the requirements of A.R.S. § 41-4401.

8. No Boycott of Israel. To the extent A.R.S § 35-393 through § 35-393.03 are applicable, the parties hereby certify that they are not currently engaged in, and agree for the duration of the Agreement to not engage in, a boycott of goods or services from Israel, as that term is defined in A.R.S § 35-393.

9. Attestation of PCI Compliance. When applicable, the Contractor will provide the City annually with a Payment Card Industry Data Security Standard (PCI DSS) attestation of compliance certificate signed by an officer of Contractor with oversight responsibility.

10. Notices. Any notices that must be provided under this Agreement shall be sent to the Parties' respective authorized representatives at the address listed below:

City of Glendale
c/o Todd Blair
6210 W. Myrtle Avenue, Suite 111
Glendale, Arizona 85301
tblair@glendaleaz.com

And

CS Group, Inc., dba Chiller Services, Inc., FN
8250 Park Meadows Dr. #100
Lone Tree, CO 80124
R.blair@chillerservices.com

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date and year set forth above.

"City"

City of Glendale, an Arizona municipal corporation

By: _____
Kevin R. Phelps
City Manager

"Contractor"

CS Group, Inc., dba Chiller Services, Inc. FN, a Colorado corporation

By: Melissa Lutz
Name: Melissa Lutz
Title: Vice President

ATTEST:

_____
Julie K. Bower (SEAL)
City Clerk

APPROVED AS TO FORM:

_____
Michael D. Bailey
City Attorney

LINKING AGREEMENT
BETWEEN
THE CITY OF GLENDALE, ARIZONA
AND
CS GROUP INC., DBA CHILLER SERVICES, INC., FN

EXHIBIT A
(REGION XIV EDUCATION SERVICE CONTRACT NO. 02-124
HVAC EQUIPMENT, INSTALLATION, SERVICE BUILDING CONTROL SYSTEMS &
RELATED PRODUCTS AND SERVICES)

LINKING AGREEMENT
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EXHIBIT B
Scope of Work

PROJECT

The contractor will provide HVAC equipment, installation services, building control systems and related services at City of Glendale Facilities on an as-needed basis.

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AND
CS GROUP INC., DBA CHILLER SERVICES, INC., FN

EXHIBIT C

METHOD AND AMOUNT OF COMPENSATION

The method and amount of compensation is in accordance with Section 3 of this agreement.

NOT TO EXCEED AMOUNT

The total amount of compensation paid to Contractor for full completion of all work required by the Project must not exceed $20,000 annually or $100,000 for the entire term of the Agreement.

DETAILED PROJECT COMPENSATION

City shall pay contractor compensation in accordance with the rates as set forth in the Region XIV Education Service Center Contract No. 02-124, for HVAC equipment, installation services and related products at City of Glendale Facilities.

Region XIV Education Service Center

1850 Highway 351
Abilene, TX 79601-4750
325-675-8600
FAX 325-675-8659

Monday, December 13th, 2021

CS Group, Inc.
ATTN: Raymond Blair
8250 Park Meadows Dr. 100
Lone Tree, CO 800124

Dear Raymond:

Region XIV Education Service Center is happy to announce that GS Group, Inc. has been awarded an annual contract HVAC Equipment, Installation, Services, Building Control Systems & Related Products and Services based on the proposal submitted to Region XIV ESC.

The contract is effective immediately and will expire on December 31st, 2024. The contract can then be renewed annually for an additional two years, if mutually agreed on by Region XIV ESC and CS Group, Inc.

We look forward to a long and successful partnership underneath this contract.

If you have any questions or concerns, feel free to contact me at 325-675-8600.

Sincerely,

Shane Fields
Region XIV, Executive Director

CSGroup
HVAC/R Services

Chiller Services

Request for Proposal (RFP) for HVAC Equipment, Installation, Service Building Control Systems & Related Products and Services

Solicitation Number: 32-21

Publication Date: Tuesday, October 5th, 2021

Submittal Deadline: Thursday, November 18th, 2021 2:00 P.M. CST

TAB 1
Master Agreement/Signature Form

Tab 1 – Master Agreement General Terms and Conditions

- Customer Support
  - The vendor shall provide timely and accurate technical advice and sales support. The vendor shall respond to such requests within one (1) working day after receipt of the request.

- Disclosures
  - Respondent affirms that he/she has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor or service to a public servant in connection with this contract.
  - The respondent affirms that, to the best of his/her knowledge, the offer has been arrived at independently, and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over other vendors in the award of this contract.

- Renewal of Contract
  - Unless otherwise stated, all contracts are for a period of one (1) year with an option to renew annually for an additional four (4) years if agreed to by Region 14 ESC and the vendor or any combination of time equally not more than 2 years if agreed to by Region 14ESC and the vendor.

- Funding Out Clause
  - Any/all contracts exceeding one (1) year shall include a standard “funding out” clause. A contract for the acquisition, including lease, of real or personal property is a commitment of the entity’s current revenue only, provided the contract contains either or both of the following provisions:
  - Retains to the entity the continuing right to terminate the contract at the expiration of each budget period during the term of the contract and is conditioned on a best efforts attempt by the entity to obtain appropriate funds for payment of the contract.

REQUEST FOR PROPOSAL 32-21

- Shipments (if applicable)
  - The awarded vendor shall ship ordered products within the written estimate of delivery time by the vendor to the entity after the receipt of the order unless modified. If a product cannot be shipped within that time, the awarded vendor shall notify the entity placing the order as to why the product has not shipped and shall provide an estimated shipping date. At this point the participating entity may cancel the order if estimated shipping time is not acceptable. All deliveries shall be freight prepaid, F.O.B. destination.

- Tax Exempt Status
- Since this is a national contract, knowing the tax laws in each state is the sole responsibilityof the vendor.
- Payments
  - The entity using the contract will make payments directly to the awarded vendor or their affiliates as long as written request and approval by NCPA is provided to the awarded vendor.

- Adding authorized distributors/dealers
  - Awarded vendors may submit a list of distributors/partners/resellers to sell under their contract throughout the life of the contract. Vendor must receive written approval from NCPA before such distributors/partners/resellers considered authorized.
  - Purchase orders and payment can only be made to awarded vendor or distributors/business partners/resellers previously approved by NCPA.
  - Pricing provided to members by added distributors or dealers must also be less than or equal to the pricing offered by the awarded contract holder.
  - All distributors/partners/resellers are required to abide by the Terms and Conditions of the vendor's agreement with NCPA.

- Pricing
  - All pricing submitted to shall include, as a cost of sale to the awarded vendor, the administrative fee to be remitted to NCPA by the awarded vendor**.** It is the awarded vendor’s responsibility to keep all pricing up to date and on file with NCPA. For those pricing requiring annual or periodic pricing updates, awarded vendors are expected to provide these changes as submitted.
  - All deliveries shall be freight prepaid, F.O.B. destination and shall be included in all pricing offered unless otherwise clearly stated in writing

REQUEST FOR PROPOSAL 32-21

- Warranty
  - Proposals should address each of the following:
    - Applicable warranty and/or guarantees of equipment and installations including any conditions and response time for repair and/or replacement of any components during the warranty period.
    - Availability of replacement parts
    - Life expectancy of equipment under normal use
    - Detailed information as to proposed return policy on all equipment
  - All supplies, equipment and services shall include manufacturer's minimum standard warranty and one (1) year labor warranty unless otherwise agreed to in writing.

- Audit rights
  - Vendor shall, at Vendor's sole expense, maintain appropriate due diligence of all purchases made by any entity that utilizes this Agreement. NCPA and Region 14 ESC each reserve the right to audit the accounting for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. In the State of New Jersey, this audit right shall survive termination of this Agreement for a period of five (5) years from the date of final payment. Such records shall be made available to the New Jersey Office of the State Comptroller upon request.
  - Region 14 ESC shall have the authority to conduct random audits of Vendor's pricing that is offered to eligible entities at Region 14 ESC's sole cost and expense. Notwithstanding the foregoing, in the event that Region 14 ESC is made aware of any pricing being offered to eligible agencies that is materially inconsistent with the pricing under this agreement,Region 4 ESC shall have the ability to conduct an extensive audit of Vendor's pricing at Vendor's sole cost and expense. Region 14 ESC may conduct the audit internally or may engage a third-party auditing firm. In the event of an audit, the requested materials shall beprovided in the format and at the location designated by Region 14 ESC or NCPA.

- Indemnity
  - The awarded vendor shall protect, indemnify, and hold harmless Region 14 ESC and its participants, administrators, employees and agents against all claims, damages, losses and expenses arising out of or resulting from the actions of the vendor, vendor employees or vendor subcontractors in the preparation of the solicitation and the later execution of the contract.

REQUEST FOR PROPOSAL 32-21

- Licenses and Duty to keep current licenses

  - Vendor shall maintain in current status all federal, state and local licenses, bonds and permits required for the operation of the business conducted by vendor. Vendor shall remain fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of services under the contract. Region 14 ESC reserves the right to stop work and/or cancel the contract of any vendor whose license(s) expire, lapse, are suspended or terminated. Vendor is expected to provide all required license(s) with this RFPresponse.

- Franchise Tax
  - The respondent hereby certifies that he/she is not currently delinquent in the payment of any franchise taxes.

- Supplemental Agreements
  - The entity participating in this contract and awarded vendor may enter into a separate supplemental agreement to further define the level of service requirements over and above the minimum defined in this contract i.e. invoice requirements, ordering requirements, specialized delivery, etc. Any supplemental agreement developed as a result of this contract is exclusively between the participating entity and awarded vendor.

- Certificates of Insurance

  - Certificates of insurance shall be delivered to the Public Agency prior to commencement of work. The insurance company shall be licensed in the applicable state in which work is being conducted. The awarded vendor shall give the participating entity a minimum of ten (10) days notice prior to any modifications or cancellation of policies. The awarded vendorshall require all subcontractors performing any work to maintain coverage as specified.

- Legal Obligations

  - It is the Respondent's responsibility to be aware of and comply with all local, state, and federal laws governing the sale of products/services identified in this RFP and any awarded contract and shall comply with all while fulfilling the RFP. Applicable laws and regulation must be followed even if not specifically identified herein.

REQUEST FOR PROPOSAL 32-21

- Protest
  - A protest of an award or proposed award must be filed in writing within ten (10) days from the date of the official award notification and must be received by 5:00 pm CST. No protest shall lie for a claim that the selected Vendor is not a responsible Bidder. Protests shall be filed with Region 14 ESC and shall include the following:
    - Name, address and telephone number of protester
    - Original signature of protester or its representative
    - Identification of the solicitation by RFP number
    - Detailed statement of legal and factual grounds including copies of relevant documents and the form of relief requested
  - Any protest review and action shall be considered final with no further formalities being considered.

- Force Majeure
  - If by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this Agreement then such party shall give notice and full particulars of Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, shall be suspended during the continuance of the inability then claimed, except as hereinafter provided, but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch.
- The term Force Majeure as employed herein, shall mean acts of God, strikes, lockouts, or other industrial disturbances, act of public enemy, orders of any kind of government of theUnited States or any civil or military authority; insurrections; riots; epidemics; landslides; lighting; earthquake; fires; hurricanes; storms; floods; washouts; droughts; arrests; restraint of government and people; civil disturbances; explosions, breakage or accidents to machinery, pipelines or canals, or other causes not reasonably within the control of the party claiming such inability. It is understood and agreed that the settlement of strikes andlockouts shall be entirely within the discretion of the party having the difficulty, and that the above requirement that any Force Majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of the opposing party or parties when such settlement is unfavorable in the judgment of the party having the difficulty.

REQUEST FOR PROPOSAL 32-21

- Prevailing Wage
  - It shall be the responsibility of the Vendor to comply, when applicable, with the prevailing wage legislation in effect in the jurisdiction of the purchaser. It shall further be the responsibility of the Vendor to monitor the prevailing wage rates as established by the appropriate department of labor for any increase in rates during the term of this contract and adjust wage rates accordingly.

- Miscellaneous
  - Either party may cancel this contract in whole or in part by providing written notice. The cancellation will take effect 30 business days after the other party receives the notice of cancellation. After the 30th business day all work will cease following completion of final purchase order.

- Cancellation for Non-Performance or Contractor Deficiency
  - Region 14 ESC may terminate any contract if awarded vendor has not used the contract, orif purchase volume is determined to be low volume in any 12-month period.
  - Region 14 ESC reserves the right to cancel the whole or any part of this contract due to failure by contractor to carry out any obligation, term or condition of the contract.
  - Region 14 ESC may issue a written deficiency notice to contractor for acting or failing to actin any of the following:
    - Providing material that does not meet the specifications of the contract;
    - Providing work and/or material that was not awarded under the contract;
    - Failing to adequately perform the services set forth in the scope of work and specifications;
    - Failing to complete required work or furnish required materials within a reasonable amount of time;
    - Failing to make progress in performance of the contract and/or giving Region 14 ESC reason to believe that contractor will not or cannot perform the requirements of the contract;
  - Upon receipt of a written deficiency notice, contractor shall have ten (10) days to provide a satisfactory response to Region 14 ESC. Failure to adequately address all issues of concern may result in contract cancellation. Upon cancellation under this paragraph, all goods,materials, work, documents, data and reports prepared by contractor under the contract shallbecome the property of Region 14 ESC on demand.

- Open Records Policy
  - Because Region 14 ESC is a governmental entity responses submitted are subject to release as public information after contracts are executed. If a vendor believes that its response, or parts of its response, may be exempted from disclosure, the vendor must specify page-by-page and line-by-line the parts of the response, which it believes, are exempt. In addition, the respondent must specify which exception(s) are applicable and provide detailed reasons to substantiate the exception(s).

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- The determination of whether information is confidential and not subject to disclosure is the duty of the Office of Attorney General (OAG). Region 14 ESC must provide the OAG sufficient information to render an opinion and therefore, vague and general claims to confidentiality by the respondent are not acceptable. Region 14 ESC must comply with theopinions of the OAG. Region14 ESC assumes no responsibility for asserting legal arguments on behalf of any vendor. Respondent are advised to consult with their legal counsel concerning disclosure issues resulting from this procurement process and to take precautions to safeguard trade secrets and other proprietary information.

If awarded vendor is going to do business in the State of Arizona, the following terms and conditions shall apply

- Cancellation for Conflict of Interest

  - Per A.R.S. 38-511 a School District/public entity may cancel this Contract within three (3) years after Contract execution without penalty or further obligation if any person significantly involved in initiating, negotiating, securing, drafting, or creating the Contract on behalf of the School District/public entity is, or becomes at any time while the Contract or an extension the Contract is in effect, an employee of or a consultant to any other party to this Contract with respect to the subject matter of the Contract. The cancellation shall beeffective when the awarded vendor receives written notice of the cancellation unless the notice specifies a later time.

- Registered Sex Offender Restriction

  - Pursuant to this order, the awarded vendor agrees by acceptance of this order that no employee of the awarded vendor or a subcontractor of the awarded vendor, who has been adjudicated to be a registered sex offender, will perform work on any School District's premises or equipment at any time when District students are, or are reasonably expected to be, present. The awarded vendor further agrees by acceptance of this order that a violation of this condition shall be considered a material breach and may result in a cancellation of the order at the District's discretion.

REQUEST FOR PROPOSAL 32-21

- Contract's Employment Eligibility

  - By entering the contract, awarded vendor warrants compliance with A.R.S. 41-4401, A.R.S. 23-214, the Federal Immigration and Nationality Act (FINA), and all other federal immigration laws and regulations. A School District/public entity may request verificationof compliance from any contractor or subcontractor performing work under this contract. A School District/public entity reserves the right to confirm compliance in accordance withapplicable laws. Should the School District/public entity suspect or find that the awarded vendor or any of its subcontractors are not in compliance, the School District/public entitymay pursue any and all remedies allowed by law, including, but not limited to: suspension of work, termination of the contract for default, and suspension and/or debarment of the awarded vendor. All costs necessary to verify compliance are the responsibility of the award vendor.

- Terrorism Country Divestments

  - Per A.R.S. 35-392, a School District/public entity is prohibited from purchasing from a company that is in violation of the Export Administration Act.

- Fingerprint Checks

- If required to provide services on School District/public entity's property, awarded vendorshall comply with A.R.S. 15-511(h).

- Indemnification

  - Notwithstanding all other provisions of this agreement, School District/public entity does not agree to accept responsibility, waive liability, or indemnify the awarded vendor, in whole or in part, for the errors, negligence, hazards, liabilities, contract breach and/or omissions of the awarded vendor, its employees and/or agents. Customer Support
  - The vendor shall provide timely and accurate technical advice and sales support. The vendor shall respond to such requests within one (1) working day after receipt of the request.

- Disclosures
  - Respondent affirms that he/she has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor or service to a public servant in connection with this contract.
  - The respondent affirms that, to the best of his/her knowledge, the offer has been arrived at independently, and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over other vendors in the award of this contract.

CSGroup HVAC/R Services

Chiller Services

REQUEST FOR PROPOSAL 32-21

- Renewal of Contract
  - Unless otherwise stated, all contracts are for a period of one (1) year with an option to renew annually for an additional four (4) years if agreed to by Region 14 ESC and the vendor.

- Funding Out Clause
  - Any/all contracts exceeding one (1) year shall include a standard "funding out" clause. A contract for the acquisition, including lease, of real or personal property is a commitment of the entity's current revenue only, provided the contract contains either or both of the following provisions:
  - Retains to the entity the continuing right to terminate the contract at the expiration of each budget period during the term of the contract and is conditioned on a best efforts attempt by the entity to obtain appropriate funds for payment of the contract.

- Shipments (if applicable)
  - The awarded vendor shall ship ordered products within the written estimate of delivery time by the vendor to the entity after the receipt of the order unless modified. If a product cannot be shipped within that time, the awarded vendor shall notify the entity placing the order as to why the product has not shipped and shall provide an estimated shipping date. At this point the participating entity may cancel the order if estimated shipping time is not acceptable. All deliveries shall be freight prepaid, F.O.B. destination.

- Tax Exempt Status
- Since this is a national contract, knowing the tax laws in each state is the sole responsibilityof the vendor.
- Payments
  - The entity using the contract will make payments directly to the awarded vendor or their affiliates as long as written request and approval by NCPA is provided to the awarded vendor.

- Adding authorized distributors/dealers
  - Awarded vendors may submit a list of distributors/partners/resellers to sell under their contract throughout the life of the contract. Vendor must receive written approval from NCPA before such distributors/partners/resellers considered authorized.
  - Purchase orders and payment can only be made to awarded vendor or distributors/business partners/resellers previously approved by NCPA.

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- Pricing provided to members by added distributors or dealers must also be less than or equal to the pricing offered by the awarded contract holder.
- All distributors/partners/resellers are required to abide by the Terms and Conditions of the vendor's agreement with NCPA.

- Pricing
  - All pricing submitted to shall include, as a cost of sale to the awarded vendor, the administrative fee to be remitted to NCPA by the awarded vendor. It is the awarded vendor's responsibility to keep all pricing up to date and on file with NCPA. For those pricing requiring annual or periodic pricing updates, awarded vendors are expected to provide these changes as submitted.
  - All deliveries shall be freight prepaid, F.O.B. destination and shall be included in all pricing offered unless otherwise clearly stated in writing

- Warranty
  - Proposals should address each of the following:
    - Applicable warranty and/or guarantees of equipment and installations including any conditions and response time for repair and/or replacement of any components during the warranty period.
    - Availability of replacement parts
    - Life expectancy of equipment under normal use
    - Detailed information as to proposed return policy on all equipment
  - All supplies, equipment and services shall include manufacturer's minimum standard warranty and one (1) year labor warranty unless otherwise agreed to in writing.
- Administrative Fee
  - All pricing submitted to Region 14 ESC shall include the administrative fee to be remitted to NCPA by the awarded vendor.
  - The awarded vendor agrees to pay administrative fees to NCPA of **three percent (3%)**.

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- Audit rights
  - Vendor shall, at Vendor's sole expense, maintain appropriate due diligence of all purchases made by any entity that utilizes this Agreement. NCPA and Region 14 ESC each reserve the right to audit the accounting for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. In the State of New Jersey, this audit right shall survive termination of this Agreement for a period of five (5) years from the date of final payment. Such records shall be made available to the New Jersey Office of the State Comptroller upon request.
  - Region 14 ESC shall have the authority to conduct random audits of Vendor's pricing that is offered to eligible entities at Region 14 ESC's sole cost and expense. Notwithstanding the foregoing, in the event that Region 14 ESC is made aware of any pricing being offered to eligible agencies that is materially inconsistent with the pricing under this agreement,Region 4 ESC shall have the ability to conduct an extensive audit of Vendor's pricing at Vendor's sole cost and expense. Region 14 ESC may conduct the audit internally or may engage a third-party auditing firm. In the event of an audit, the requested materials shall beprovided in the format and at the location designated by Region 14 ESC or NCPA.

- Indemnity
  - The awarded vendor shall protect, indemnify, and hold harmless Region 14 ESC and its participants, administrators, employees and agents against all claims, damages, losses and expenses arising out of or resulting from the actions of the vendor, vendor employees or vendor subcontractors in the preparation of the solicitation and the later execution of the contract.

- Licenses and Duty to keep current licenses
  - Vendor shall maintain in current status all federal, state and local licenses, bonds and permits required for the operation of the business conducted by vendor. Vendor shall remain fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of services under the contract. Region 14 ESC reserves the right to stop work and/or cancel the contract of any vendor whose license(s) expire, lapse, are suspended or terminated. Vendor is expected to provide all required license(s) with this RFPresponse.

- Franchise Tax
  - The respondent hereby certifies that he/she is not currently delinquent in the payment of any franchise taxes.

REQUEST FOR PROPOSAL 32-21

- Supplemental Agreements
  - The entity participating in this contract and awarded vendor may enter into a separate supplemental agreement to further define the level of service requirements over and above the minimum defined in this contract i.e. invoice requirements, ordering requirements, specialized delivery, etc. Any supplemental agreement developed as a result of this contract is exclusively between the participating entity and awarded vendor.

- Certificates of Insurance
  - Certificates of insurance shall be delivered to the Public Agency prior to commencement of work. The insurance company shall be licensed in the applicable state in which work is being conducted. The awarded vendor shall give the participating entity a minimum of ten (10) days notice prior to any modifications or cancellation of policies. The awarded vendorshall require all subcontractors performing any work to maintain coverage as specified.

- Legal Obligations
  - It is the Respondent's responsibility to be aware of and comply with all local, state, and federal laws governing the sale of products/services identified in this RFP and any awarded contract and shall comply with all while fulfilling the RFP. Applicable laws and regulation must be followed even if not specifically identified herein.

- Protest
  - A protest of an award or proposed award must be filed in writing within ten (10) days from the date of the official award notification and must be received by 5:00 pm CST. No protest shall lie for a claim that the selected Vendor is not a responsible Bidder. Protests shall be filed with Region 14 ESC and shall include the following:
    - Name, address and telephone number of protester
    - Original signature of protester or its representative
    - Identification of the solicitation by RFP number
    - Detailed statement of legal and factual grounds including copies of relevant documents and the form of relief requested
  - Any protest review and action shall be considered final with no further formalities being considered.

REQUEST FOR PROPOSAL 32-21

- Force Majeure
  - If by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this Agreement then such party shall give notice and full particulars of Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, shall be suspended during the continuance of the inability then claimed, except as hereinafter provided, but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch.
    - The term Force Majeure as employed herein, shall mean acts of God, strikes, lockouts, or other industrial disturbances, act of public enemy, orders of any kind of government of theUnited States or any civil or military authority; insurrections; riots; epidemics; landslides; lighting; earthquake; fires; hurricanes; storms; floods; washouts; droughts; arrests; restraint of government and people; civil disturbances; explosions, breakage or accidents to machinery, pipelines or canals, or other causes not reasonably within the control of the party claiming such inability. It is understood and agreed that the settlement of strikes andlockouts shall be entirely within the discretion of the party having the difficulty, and that the above requirement that any Force Majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of the opposing party or parties when such settlement is unfavorable in thejudgment of the party having the difficulty
- Prevailing Wage
  - It shall be the responsibility of the Vendor to comply, when applicable, with the prevailing wage legislation in effect in the jurisdiction of the purchaser. It shall further be the responsibility of the Vendor to monitor the prevailing wage rates as established by the appropriate department of labor for any increase in rates during the term of this contract and adjust wage rates accordingly.
- Miscellaneous
  - Either party may cancel this contract in whole or in part by providing written notice. The cancellation will take effect 30 business days after the other party receives the notice of cancellation. After the 30th business day all work will cease following completion of final purchase order.

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- Cancellation for Non-Performance or Contractor Deficiency
  - Region 14 ESC may terminate any contract if awarded vendor has not used the contract, orif purchase volume is determined to be low volume in any 12-month period.
  - Region 14 ESC reserves the right to cancel the whole or any part of this contract due to failure by contractor to carry out any obligation, term or condition of the contract.
  - Region 14 ESC may issue a written deficiency notice to contractor for acting or failing to actin any of the following:
    - Providing material that does not meet the specifications of the contract;
    - Providing work and/or material that was not awarded under the contract;
    - Failing to adequately perform the services set forth in the scope of work and specifications;
    - Failing to complete required work or furnish required materials within a reasonable amount of time;
    - Failing to make progress in performance of the contract and/or giving Region 14 ESC reason to believe that contractor will not or cannot perform the requirements of the contract;
  - Upon receipt of a written deficiency notice, contractor shall have ten (10) days to provide a satisfactory response to Region 14 ESC. Failure to adequately address all issues of concern may result in contract cancellation. Upon cancellation under this paragraph, all goods,materials, work, documents, data and reports prepared by contractor under the contract shallbecome the property of Region 14 ESC on demand.
- Open Records Policy
  - Because Region 14 ESC is a governmental entity responses submitted are subject to release as public information after contracts are executed. If a vendor believes that its response, or parts of its response, may be exempted from disclosure, the vendor must specify page-by-page and line-by-line the parts of the response, which it believes, are exempt. In addition, the respondent must specify which exception(s) are applicable and provide detailed reasons to substantiate the exception(s).
  - The determination of whether information is confidential and not subject to disclosure isthe duty of the Office of Attorney General (OAG). Region 14 ESC must provide the OAG sufficient information to render an opinion and therefore, vague and general claims to confidentiality by the respondent are not acceptable. Region 14 ESC must comply with theopinions of the OAG. Region14 ESC assumes no responsibility for asserting legal arguments on behalf of any vendor. Respondent are advised to consult with their legal counsel concerning disclosure issues resulting from this procurement process and to take precautions to safeguard trade secrets and other proprietary information.

CSGroup HVAC/R Services

Chiller Services

REQUEST FOR PROPOSAL 32-21

Signature Form

Signature Form

The undersigned hereby proposes and agrees to furnish goods and/or services in strict compliance with the terms, specifications and conditions at the prices proposed within response unless noted in writing. The undersigned further certifies that he/she is an officer of the company and has authority to negotiate and bind the company named below and has not prepared this bid in collusion with any other Respondent and that the contents of this proposal as to prices, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any person engaged in this type of business prior to the official opening of this proposal.

Prices are guaranteed: **120 days**

Company name	CS Group, Inc
Address	8250 Park Meadows Dr. #100
City/State/Zip	Lone Tree, CO 80124
Telephone No.	303-781-3030
Fax No.	303-762-6476
Email address	R.blair@chillerservices.com
Printed name	Raymond Blair
Position with company	Operation Manager
Authorized signature	Raymond Blair

TAB 2
NCPA Administration Agreement

Tab 2 – NCPA Administration Agreement

This Administration Agreement is made as of December 13, 2021, by and between National Cooperative Purchasing Alliance ("NCPA") and CS Group, Inc. ("Vendor").

Recitals

WHEREAS, Region 14 ESC has entered into a certain Master Agreement dated December 13, 2021, referenced as Contract Number 02-124, by and between Region 14 ESC and Vendor, as may be amended from time to time in accordance with the terms thereof (the "Master Agreement"), for the purchase of HVAC Equipment, Installation, Service, & Related Products;

WHEREAS, said Master Agreement provides that any state, city, special district, local government, school district, private K-12 school, technical or vocational school, higher education institution, other government agency or nonprofit organization (hereinafter referred to as "public agency" or collectively, "public agencies") may purchase products and services at the prices indicated in the Master Agreement;

WHEREAS, NCPA has the administrative and legal capacity to administer purchases under the Master Agreement to public agencies;

WHEREAS, NCPA serves as the administrative agent for Region 14 ESC in connection with other master agreements offered by NCPA

WHEREAS, Region 14 ESC desires NCPA to proceed with administration of the Master Agreement;

WHEREAS, NCPA and Vendor desire to enter into this Agreement to make available the Master Agreement to public agencies on a national basis;

NOW, THEREFORE, in consideration of the payments to be made hereunder and the mutual covenants contained in this Agreement, NCPA and Vendor hereby agree as follows:

- General Terms and Conditions
  - The Master Agreement, attached hereto as Tab 1 and incorporated herein by reference as though fully set forth herein, and the terms and conditions contained therein shall apply to this Agreement except as expressly changed or modified by this Agreement.
  - NCPA shall be afforded all of the rights, privileges and indemnifications afforded to Region 14 ESC under the Master Agreement, and such rights, privileges and indemnifications shall accrue and apply with equal effect to NCPA under this Agreement including, but not limited to, the Vendor's obligation to provide appropriate insurance and certain indemnifications to Region 14 ESC.
  - Vendor shall perform all duties, responsibilities and obligations required under the Master Agreement in the time and manner specified by the Master Agreement.

- NCPA shall perform all of its duties, responsibilities, and obligations as administrator of purchases under the Master Agreement as set forth herein, and Vendor acknowledges that NCPA shall act in the capacity of administrator of purchases under the Master Agreement.
- With respect to any purchases made by Region 14 ESC or any Public Agency pursuant to the Master Agreement, NCPA (a) shall not be construed as a dealer, re-marketer, representative, partner, or agent of any type of Vendor, Region 14 ESC, or such Public Agency, (b) shall not be obligated, liable or responsible (i) for any orders made by Region 14 ESC, any Public Agency or any employee of Region 14 ESC or Public Agency under the Master Agreement, or (ii) for any payments required to be made with respect to such order, and (c) shall not be obligated, liable or responsible for any failure by the Public Agency to (i) comply with procedures or requirements of applicable law, or (ii) obtain the due authorization and approval necessary to purchase under the Master Agreement. NCPAmakes no representations or guaranties with respect to any minimum purchases required to be made by Region 14 ESC, any Public Agency, or any employee of Region 14 ESC or Public Agency under this Agreement or the Master Agreement.
- The Public Agency participating in the NCPA contract and Vendor may enter into a separate supplemental agreement to further define the level of service requirements over and above the minimum defined in this contract i.e. invoice requirements, ordering requirements, specialized delivery, etc. Any supplemental agreement developed as a result of this contract is exclusively between the Public Agency and Vendor. NCPA, its agents, members and employees shall not be made party to any claim for breach of such agreement.

- Term of Agreement
  - This Agreement shall be in effect so long as the Master Agreement remains in effect, provided, however, that the obligation to pay all amounts owed by Vendor to NCPA through the termination of this Agreement and all indemnifications afforded by Vendor to NCPA shall survive the term of this Agreement.

- Fees and Reporting
  - The awarded vendor shall electronically provide NCPA with a detailed quarterly report showing the dollar volume of all sales under the contract for the previous quarter. Reports are due on the fifteenth (15th) day after the close of the previous quarter. It is the responsibility of the awarded vendor to collect and compile all sales under the contract from participating members and submit one (1) report. The report shall include at least the following information as listed in the example below:

Agency Name	State	Zip Code	Date	PO or Job #	RQN Number	Sale Amount	Admin Fee

Total _____

  - Each quarter NCPA will invoice the vendor based on the total of sale amount(s) reported. From the invoice the vendor shall pay to NCPA an administrative fee of three (3%) for the amount of the agency's purchase order less any applicable sales tax and Performance and/or Payment bond cost. Vendor's annual sales shall be measured on a calendar year basis. Deadline for term of payment will be included in the invoice NCPA provides.

- Supplier shall maintain an accounting of all purchases made by Public Agencies under the Master Agreement. NCPA and Region 14 ESC reserve the right to audit the accounting for aperiod of five (5) years from the date NCPA receives the accounting. In the event of such anaudit, the requested materials shall be provided at the location designated by Region 14 ESC or NCPA. In the event such audit reveals an underreporting of Contract Sales and a resulting underpayment of administrative fees, Vendor shall promptly pay NCPA the amount of such underpayment, together with interest on such amount and shall be obligated to reimburse NCPA's costs and expenses for such audit.
- General Provisions
  - This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter hereof, and no other agreement, statement, or promise relating to the subject matter of this Agreement which is not contained herein shall be valid or binding.
  - Awarded vendor agrees to allow NCPA to use their name and logo within website, marketing materials and advertisement. Any use of NCPA name and logo or any form of publicity regarding this contract by awarded vendor must have prior approval from NCPA.
  - If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement or to recover any administrative fee and accrued interest, the prevailing party shall be entitled to reasonable attorney's fees and costs in addition to any other relief to which such party may be entitled.
  - Neither this Agreement nor any rights or obligations hereunder shall be assignable by Vendor without prior written consent of NCPA, provided, however, that the Vendor may, without such written consent, assign this Agreement and its rights and delegate its obligations hereunder in connection with the transfer or sale of all or substantially all of its assets or business related to this Agreement, or in the event of its merger, consolidation, change in control or similar transaction. Any permitted assignee shall assume all assigned obligations of its assignor under this Agreement.
  - This Agreement and NCPA's rights and obligations hereunder may be assigned at NCPA's sole discretion, to an existing or newly established legal entity that has the authority and capacity to perform NCPA's obligations hereunder
  - All written communications given hereunder shall be delivered to the addresses as set forth below.

National Cooperative Purchasing Alliance:		**Vendor:**	CS Group, Inc.
Name:	Matthew Mackel	Name:	Raymond Blair
Title:	Director, Business Development	Title:	Operations Manager
Address:	PO Box 701273	Address:	8250 Park Meadows Dr. #100
	Houston, TX 77270		Lone Tree, CO 80124
Signature:		Signature:	Raymond Blair
Date:	December 13, 2021	Date:	11/16/2021

NCPA Registered Vendor Quotation Number

RFP responders are requested to agree to a quotation number registration program to provide consistency and faster service for our facility awarded vendors, agency members and participants. The process will require Facility Contract holders to register and receive a NCPA Vendor Registered Quotation Number that must be prominently displayed on each proposal(s) that you present to the agencies. The system will track Facility transactions from the initial proposal stage to the completion of each project. NCPA has assembled an experienced Facilities Management Team that stands ready and willing to assist its vendors in providing quality services to the awarded vendor's organization. Failure to receive the Vendor Registered Quotation Number can result in potential delays to your services and the only acceptable proposals need to have a NCPA Vendor Registered Quotation Number.

NCPA Registered Vendor Quotation Number Process

Fill out the form on the Facilities page at www.NCPA.us

***Click on RQN Logo at the bottom of the home page and a form will pop up.**
*** Fill out and submit.**

- All registered vendor quotation number requests must be submitted *and* a proposal number received *before* you present it to your potential customer.
- You will have a response with a NCPA Vendor Registered Quotation Number within 5 minutes.
- Include the quotation number on all proposals.

This document acknowledges that you have received and agree to the details, directions and expectations of the NCPA Vendor Registered Quotation Number process.

Date: 11/15/2021

RFP Number: 32-21

Company Name: CS Group, Inc.

Printed Name: Raymond Blair

Signature: Raymond Blair

TAB 3
Vendor Questionnaire

Tab 3 – Vendor Questionnaire

Please provide responses to the following questions that address your company's operations, organization, structure, and processes for providing products and services.

- States Covered
  - Bidder must indicate any and all states where products and services can be offered.
  - Please indicate the price co-efficient for each state if it varies.

☐ **50 States & District of Columbia** (Selecting this box is equal to checking all boxes below)

☐ Alabama	☐ Maryland	☐ South Carolina
☐ Alaska	☐ Massachusetts	☐ South Dakota
☒ Arizona	☐ Michigan	☐ Tennessee
☐ Arkansas	☐ Minnesota	☐ Texas
☐ California	☐ Mississippi	☐ Utah
☒ Colorado	☐ Missouri	☐ Vermont
☐ Connecticut	☐ Montana	☐ Virginia
☐ Delaware	☐ Nebraska	☐ Washington
☐ District of Columbia	☐ Nevada	☐ West Virginia
☐ Florida	☐ New Hampshire	☐ Wisconsin
☐ Georgia	☐ New Jersey	☐ Wyoming
☐ Hawaii	☐ New Mexico	
☐ Idaho	☐ New York	
☐ Illinois	☐ North Carolina	
☐ Indiana	☐ North Dakota	
☐ Iowa	☐ Ohio	
☐ Kansas	☐ Oklahoma	
☐ Kentucky	☐ Oregon	
☐ Louisiana	☐ Pennsylvania	
☐ Maine	☐ Rhode Island	

☐ **All US Territories and Outlying Areas** (Selecting this box is equal to checking all boxes below)

☐ American Samoa	☐ Northern Marina Islands
☐ Federated States of Micronesia	☐ Puerto Rico
☐ Guam	☐ U.S. Virgin Islands
☐ Midway Islands	

- Minority and Women Business Enterprise (MWBE) and (HUB) Participation
  - It is the policy of some entities participating in NCPA to involve minority and women business enterprises (MWBE) and historically underutilized businesses (HUB) in the purchase of goods and services. Respondents shall indicate below whether or not they are an M/WBE or HUB certified.
    - Minority / Women Business Enterprise
      - Respondent Certifies that this firm is a M/WBE ☐
    - Historically Underutilized Business
      - Respondent Certifies that this firm is a HUB ☐
- Residency
  - Responding Company's principal place of business is in the city of Lone Tree, State of Colorado
- Felony Conviction Notice
  - Please Check Applicable Box;
    - ☐ A publically held corporation; therefore, this reporting requirement is not applicable.
    - ☒ Is not owned or operated by anyone who has been convicted of a felony.
    - ☐ Is owned or operated by the following individual(s) who has/have been convicted of a felony
  - If the 3rd box is checked, a detailed explanation of the names and convictions must be attached.
- Distribution Channel
  - Which best describes your company's position in the distribution channel:

☐ Manufacturer Direct	☐ Certified education/government reseller
☐ Authorized Distributor	☐ Manufacturer marketing through reseller
☒ Value-added reseller	☐ Other: _____

- Processing Information
  - Provide company contact information for the following:
    - Sales Reports / Accounts Payable

Contact Person: Melissa Lutz
Title: Vice President
Company: CS Group Inc.
Address: 8250 Park Meadows Dr #100
City: Lone Tree State: CO Zip: 80124
Phone: 303-781-3030 Email: melissa@chillerservices.com

- Purchase Orders
  - Contact Person: Melissa Lutz
  - Title: Vice President
  - Company: CS Group, Inc.
  - Address: 8250 Park Meadows Dr. #100
  - City: Lone Tree State: CO Zip: 80124
  - Phone: 303-781-3030 Email: melissa@chillerservices.com
- Sales and Marketing
  - Contact Person: Raymond Blair
  - Title: Operations Manager
  - Company: Chiller Services, Inc.
  - Address: 2840 S. 36th St. E5
  - City: Phoenix State: AZ Zip: 85034
  - Phone: 480-567-2283 Email: R.blair@chillerservices.com

- Pricing Information
  - In addition to the current typical unit pricing furnished herein, the Vendor agrees to offer all future product introductions at prices that are proportionate to Contract Pricing.
    - If answer is no, attach a statement detailing how pricing for NCPA participants would be calculated for future product introductions.

    ☑ Yes ☐ No
  - Pricing submitted includes the required NCPA administrative fee. The NCPA fee is calculated based on the invoice price to the customer.

    ☑ Yes ☐ No
  - Vendor will provide additional discounts for purchase of a guaranteed quantity.

    ☐ Yes ☑ No

TAB 4
Vendor Profile

REQUEST FOR PROPOSAL 32-21

Tab 4 – Vendor Profile

General

1. Company's official registered name

CS Group, Inc.

2. Brief history of your company, including the year it was established.

Ronald Miller, President of CS Group Inc. and Chiller Services, Inc. has been working in the Mechanical Service industry for 50 years. Ron has extensive experience in all aspects of heating, air conditioning, ventilation, and refrigeration.

Ron Established CS Group, Inc. in 1991 to service the State of Colorado. Chiller Services, Inc. was established in 2004 to service the State of Arizona.

3. Company's Dun & Bradstreet (D&B) number.

10-253-2009

4. Corporate office location.

8250 Park Meadows Dr. #100 Lone Tree, CO 80124

5. List number of employees either nationally or regionally (if your response is not all states) with breakdown of direct sales, sales support, service technicians, engineering support and administration.

There are a total of twenty-seven (27) employees.

Twenty (20) Service Technicians, five (5) Office Support Staff/administration, and two (2) direct sales.

6. List the number of offices, or service centers for all states being offered in solicitation. Additionally, list the names of key contacts at each location with title, address, phone and e-mail address.

CS Group, Inc. serving Colorado.

1. Melissa Lutz – Vice President
   Address: 8250 Park Meadows Dr. #100 Lone Tree, CO 80124
   Phone: 303-917-0610
   E-Mail: Melissa@chillerservices.com

2. Mark Lutz – Service Manager
   Address: 8250 Park Meadows Dr. #100 Lone Tree, CO 80124
   Phone: 303-917-0618
   E-Mail: Mark.Lutz@chillerservices.com

Chiller Services, Inc. serving Arizona

1. Raymond Blair – Operations Manager
   Address: 2840 S. 36th St. E5. Phoenix, AZ 85034
   Phone: 480-567-2283
   E-Mail: R.blair@chillerservices.com

2. Nick Englestad – Account Manager (Central & Southern Arizona)
   Address: 2840 S. 36th St. E5. Phoenix, AZ 85034
   Phone: 480-570-1936
   E-Mail: N.engelstad@chillerservices.com

7. Please provide contact information for the person(s) who will be responsible for the following areas, including resumes:

a. Sales – Nick Englestad, Raymond Blair

b. Sales Support – Raymond Blair & Mark Lutz

c. Marketing – Raymond Blair

d. Financial Reporting – Melissa Lutz

e. Executive Support – Melissa Lutz

RESUMES

Melissa Lutz

Vice President

SUMMARY

Melissa has over 23 years' experience in the front office of the HVAC/R industry. She has been with the company for 23 years and has served in various roles.

Project Role: Melissa currently services as the Vice President. She is directly involved with management of the entire office operations. Melissa ensures that all aspects of the business side from general accounting to weekly reporting is accurate.

Executive Oversight:

- **Manages accounts payable and reviews all accounts receivable**
- **Provides weekly reporting as necessary**
- **Performs company wide audits on a monthly basis**
- **Assist in operations as needed for additional support**

PROFESSIONAL DATA

- **Bachelors in Business Management**
- **23 years in the HVAC/R Industry**
- **Manages all business aspects of the company**

Mark Lutz

Service Manager

SUMMARY

Mark has over 30 years' experience in the HVAC/R industry. Mark has served in various roles such as a service technician, field foreman and serving in his present role as the Service Manager. Mark has been with the company since 1999.

Project Role: Mark is responsible for all aspects of the service department in Colorado, including managing the sales, technical teams, assisting in technical designs for retrofits. Execution of projects and maintenance contracts throughout Colorado.

PROJECT HIGHLIGHTS

- **Denver International Airport**
- **Responsible for managing and growing local municipalities relationships.**
- **Responsible for securing and managing fire stations for the City of Denver.**

PROFESSIONAL DATA

- **ICC National Standard Master Mechanical Certificate**
- **Holds certifications from Trane, York, Carrier, & McQuay**
- **Currently holds supervisors licenses in Denver.**
- **30+ years in the HVAC Industry**

Raymond Blair

Operations Manager

SUMMARY

Ray has over 27 years' experience in the HVAC industry. Ray has performed several roles to include Field Service Manager, Service Manager, Sales Manager, Field Tech and currently serves as the Operations Manager for the Arizona Market.

Project Role: Ray is currently the Operations Manager. Responsibilities including managing the sales, technical teams, assisting in technical designs for retrofits. Execution of projects and maintenance contracts throughout Arizona.

PROJECT HIGHLIGHTS

- **INTEL New Construction**
- **Controls Upgrade Project for Maricopa County Detention Centers**
- **Embry Riddle Aernoutal – New Dorm Expansion & Retrofit**
- **Cliff Castle Casino Expansion & Retrofit**

PROFESSIONAL DATA

- **Welding certification from MCC**
- **Certified in Turbo Core Magnetic Bearing Chillers**
- **Service Management**
- **AAS HVAC/R from Gateway Community College**
- **Member of ASHRAE**
- **Member of ATMAE**
- **Certified in all Major Manufacturer Centrifugal Compressors (Trane, York, Carrier, Turbocor)**
- **Certified in all Major Manufacturer Rotary compressors (Trane, York, Emerson, Dunham, Bush)**
- **Trained in JCI Metasys controls**
- **27+ years in the industry**

Nick Engelstad

Account Manager

SUMMARY

Nick has over 5 years' experience in the HVAC industry. Nick has performed as a technician and account manager.

Project Role: Nick is an Account Manager. Responsibilities include consultation on complex projects, establishing new service agreements, assisting customers with prioritization and capital budget planning, field assessment, estimating and proposal generation for quoted repairs and retrofit projects.

PROJECT HIGHLIGHTS

- Worked on the ASU Bateman Chiller Change out
- Mescal Cooling Tower change out

PROFESSIONAL DATA

- Bachelors Degree in Business Marketing & Econ From ASU
- 5 Years Experience in HVAC/R Sales
-

8. Define your standard terms of payment.

Net 30 Days

9. Who is your competition in the public marketplace

Our business platform is service, retrofit, replacement, and repair. Any company that provides mechanical services other than companies who are primary construction would be considered competition in the public marketplace.

12. What is your strategy to increase market share in the public space?

We have made a commitment to provide the best level of customer service for our customers. We have brought on account managers as our first line of contact with customers. Account Managers will be responsible for developing and maintaining relationships with members/customers for CS Group Inc. & Chiller Services, Inc. Account Managers will generally be the strongest link between members and the operations team and is a vital component to Account Management and executing successful work.

13. What differentiates your company from your competitors?

Our reputation for performance is based on a proven record of collective experience and expertise that few contractors can provide. Our success is due to the expertise and experience of our employees. Our attention to quality and our employee's dedication to getting the job performed right the first time sets us on a different level from our competition. Additionally, we feel that communication is vitally important to a healthy and trusted relationship. Trust is developed as it becomes apparent that we are working in the member's best interest.

In between formal account reviews, immediate communication takes place whenever a customer issue arises or an opportunity presents itself. There is an expectation that customers are effectively communicated with in a timely fashion; this is the basis of how we do business with our customers.

Our commitment to meeting all of our customers needs and expectations start from the moment they place a call and doesn't end when we leave the job-site. We are committed to ensuring that after we have completed a project, that we are always available for the customer.

14. Briefly summarize your company's Quality control/Quality assurance program.

We utilize highly trained Journeymen Technicians that have years of experience. We believe that this is our first step of a successful QA/QC program. However we do realize that the more "eyes" that look at a project the more we can ensure that details and projects are executed in a timely, clean, safe, and successful manner. With that being said all Journeymen Technicians are managed by a Field Supervisor or Foreman.

The Field Supervisor or Foreman are responsible for completing a post project walk-through and evaluation. This is performed regardless of a need for it or not. We encourage customers to be present during the walk-throughs as to show an open line of communication and to continue building trust.

If any deficiencies identified are immediately corrected on the spot; otherwise a schedule will be maintained for any corrections necessary.

15. Provide information regarding whether your firm, either presently or in the past, has been involved in any litigation, bankruptcy, or reorganization.

CS Group Inc. & Chiller Services, Inc. has no litigation, bankruptcy, or reorganization presently or in the past.

16. Provide evidence of your company's ability to continuously lower the customer's cost. Provide examples of any documented cost reduction results that your company has engaged in with your customers.

We work with local utilities to provide our customers with the best possible choice for energy efficiency rebates and cost saving services. Our ability to bond projects and work with other agencies when needed assures us that we are providing the best possible cost savings for customers.

Products:

17. What is the reputation of your company's products in the public marketplace?

We believe that reputation in our business is a form of currency. We feel that our company's reputation regarding all services and products that we provide are some of the best reputations you can ask about. It wouldn't of been possible for us to stay in business since 1991 without the development of a good reputation.

18. Indicate your company's ability to provide temporary cooling when needed.

Upon a request for temporary cooling needs; we will work with all necessary temporary cooling equipment providers to present the best solution and equipment necessary to meet the customers needs.

In many cases we are able to provide same day/next day cooling solutions if all equipment/materials are available for source.

19. What equipment/system support documents will your company provide?

We work closely with all necessary vendors to provide customers with the best solutions that match their existing needs. Every customer needs are different so this will range from paper documentation to physical walk-though and showing how equipment operates.

20. Identify the process of receiving a purchase order to the ordering of equipment.

We compare the purchase order with the quotation that was provided by a company representative to verify accuracy. Once all information has been verified and compared; we ask the associated manufacturer (if necessary) for any submittals and/or review sheets. Once these are approved we follow up with all necessary vendor required documentation for ordering equipment. A PO is then issued to all involved parties and a timeline of equipment delivery is developed and communicated with the customer.

21. Describe your company's shipping schedule notification procedures.

All delivery schedules are provided by the associated vendor. Once an estimated delivery/schedule has been provided, this is communicated with the customer via e-mail.

22. Describe how your company deals with shipping delays. How do you notify your customer of delays?

If equipment is delayed in any fashion, we will adjust any scheduling, as necessary. Typically, if there is any minor delays in shipping, we can in many cases still meet any projected timelines. If substantial delays are incurred typically we can move an entire project timeline by the necessary time in order to achieve the quickest completion as possible. Any shipping delays are immediately communicated with the customer via e-mail or phone.

23. Provide your shipping schedule reporting form. How many times do you update?

We have no active tracking program other than utilizing excel spreadsheets. We update as equipment is ordered and we receive updates from the vendors. If equipment and/or parts have not arrived as promised by vendors, we will communicate with the vendor for delays and in turn communicate with customers.

24. How many products do you stock? Where?

Due to the vast amount of equipment manufacturers and the vast amount of equipment requirements, it would be impossible for any products to be stocked. All equipment is ordered per project requirements.

25. What is your percentage of on-time delivery at each manufacturing plant?

No manufacturing plants are owned.

26. Describe any direct order entry system or capabilities your organization has such as internet capabilities.

We are not a manufacturer; most of our vendors and manufacturers that we work with have exceptional delivery times.

27. Are all HVAC units UL listed and in compliance with all applicable codes in all states.

No equipment that is NOT UL listed is not utilized by us. All equipment MUST be UL listed and meet all applicable codes in the states we perform work

28. If your product is defective, what is the replacement process and turnaround?

We follow all manufacturers warranty procedures and guidelines. Typically if the vendor has replacement parts in stock, many of the repairs can be performed immediately. If the repair requires a factory repair, all work will be supervised for quality control.

29. What is the capability of your company to respond to emergency/rush orders?

We are a 24/7 service company. We have the ability to respond to all needs at any given time. We work with all vendors and suppliers and are able to get the best available delivery schedules.

30. State whether your company provides a quality guarantee on your products. If so, please describe

We stand behind all our work with exceptional quality guarantee that requires the best craftsmanship. We provide labor warranties on all work we perform; additionally we honor any parts/equipment warranties that are still covered under manufacturer warranties.

Typically we provide either a one (1) or two (2) year labor warranty depending on customer requirements and honor any manufacturer warranties.

31. Describe your procedures to monitor the quality of your products.

All equipment/materials are inspected prior to installation; we use only the highest quality materials in order to provide a high-quality product as expected by our customers. All warranties are tracked and adhered to.

32. Do you offer extended parts warranties? If yes, state length of warranty.

We offer extended warranties on labor and parts if the same warranties are offered by equipment manufactures. Typical warranties could be anywhere between 1-5 year labor warranties and 1-10 years parts warranties.

33. Please give examples of state and local agencies where your company has extended labor warranties. Include length of these warranties.

There are no current extended labor warranties active at this time.

34. What is your standard warranty on building automation controls

We provide a one (1) year labor warranty and a one (1) year replacement part warranty.

35. What is your standard warranty on replacement parts?

We provide a one (1) year labor warranty and a one (1) year replacement part warranty.

36. How does your company track warranties and update equipment lists/warranty periods as units or components are replaced?

All units are tracked by serial numbers. These serial numbers are typically the identifier for warranty periods. Each job is assigned a specific job number and all records are maintained during the warranty period.

Services:

37. What states would your company not honor pricing on your supplied equipment for this contract, in the event that this contract is made available to all states.

Pricing will only be honored in states where licenses are held.

38. Describe your company's Customer Service Department (hours of operation, number of service centers, parts outlets, number of technicians, etc.) Clarify if the service centers are owned by your company or if they are a network of subcontractors.

Normal hours of operations are 8:00am to 4:30pm Monday through Friday. There is approximately 20 service technicians to respond to calls. We do not have any service centers.

39. Describe how your company handles after-hours customer service needs indicate your average response time to emergency service calls.

If a customer calls after normal hours, they will be routed to our after-hours on-call service. The on-call service will dispatch the information over to the on-call technician(s). We typically have a 1-2 hour response time to emergency calls.

40. Discuss your organization's capability and historical flexibility in completing timely service calls and problem resolution.

Our motto is "Service First". We feel that without a strong open line of communication and relationship that we would not be able to succeed in our business. Every technician has access to a customer profile and is able to make decisions in the field based off a customer's needs. In addition to that every customer is provided with additional lines of support, whether that be the account manager, operations mangers, or office support staff to assist in any issues that may arise.

41. Please describe the quality program(s) within your company which measures your service work.

We believe that currency is not the only measure of business. We pride ourselves on the long lasting relationships and customer base. We treat every customer concern, big or small with the most respect. From the first initial phone call until the work is completed the customer is kept up to date and informed regarding work/issues that are in progress.

42. List your company's standard scope of work performed for preventative maintenance visits.

Due to the vast amount of equipment that we service and maintain, it would be impossible to have a "standard scope of work" that would cover all equipment. However, we utilize all manufacturers recommended scopes of work for all preventative maintenance visits. In most cases we exceed the recommended scopes of work.

Any equipment that is serviced under a preventative maintenance visit has an equipment log sheet associated with it. This will show the existing conditions and readings at the time of the preventative maintenance visit. All forms are forwarded to the customer for review upon completion.

44. Describe your call center organization.

A customer will place a call into the office for a service call; from there the dispatcher will assign the appropriate service technician the work needed to be performed. A Technician receives the ticket and is dispatched accordingly.

Alternately if a customer calls the assigned account manager, the account manager will provide the information to the dispatcher, in turn the dispatcher will coordinate with the customer and the above procedure is followed.

45. Does your company offer a dedicated, 800 number for all locations to place phone and fax orders? IS the call center available 24 hours/7 days week?

Depending on the region that the customer is located, they can call the office/fax number that is associated with them and it will route them to the appropriate personnel.

We have an after-hours answering service that all calls are routed to automatically outside of normal business hours.

46. Describe how service call problems get escalated in emergency situations during and after hours. Who would be responsible in your company for assessing the appropriate course of action to remedy the problem.

If an emergency arises during a service call issue; the operations managers make their information easily accessible by either a phone call, e-mail, or calling the office. As an additional means of contact, the customer and/or technician can contact the assigned account manager as well for further escalation. Once the situation is assessed and a solution has been agreed upon, immediate action is taken to assign proper manpower and/or additional equipment.

The same procedure would be followed for any after-hours emergency calls. The after-hours answering service also has the operations managers' phone numbers for immediate attention to any emergency situations.

47. List the steps taken from start to finish in receiving a service call through to completion of repair and invoicing. Include time frames associated with each step.

A service call is placed and received by the dispatcher, a work order is entered into the system and assigned to the proper technician. The technician receives the work order via tablets or PC. – Happens immediately once the service ticket is entered and assigned to a technician.

Response time is determined upon service call requirements, routine service calls 24-48 hours, emergency service calls same day, and general maintenance is scheduled.

After the technician performs the work and has completed the job, description of work, materials, and labor hours are entered into the work order via tablet or PC. Technician puts the work order in completed status and the work order is automatically transmitted to the office as completed. – Depending on job timeframe, but once the job is completed and to the time the technician closes the work order is typically 30-45 minutes.

Once ticket is completed the office staff will generate an invoice based off the closed ticket and generate the invoice and send to the customer. – Typically 24-48 hour turn around.

48. What technology such as GPS tracking does your company use to track completion of repairs.

All vehicles have a GPS tracking; however due to the complexity of many projects, this is not an accurate way to account for time spent during a project. We perform weekly “work-in-progress” reports that are able to provide operations with insight to review of projects and service work.

49. What is the reputation of your company’s service in the public marketplace?

The reputation that we hold is in high regards in the public marketplace. We have a reputation of ensuring that all our work is performed in a timely, correct, and ethical manner. We know this to be true as evidence with our long-standing relationships with customers. Without a good reputation we could not continue to grow as a company and keep customers long term.

50. How does your company spread the cost of a preventative maintenance contract over the entire year?

We provide our customers with options for monthly, quarterly, semi-annual, billing intervals to ease the burden of preventative maintenance contracts.

51. Identify the process of receiving a purchase order to the providing of a service contract.

Upon receipt of a purchase order, the contract is entered into the system along with all associated contract documentation to include scopes of work, associated equipment, billing intervals and any other associated documentation.

After all documentation is entered into the system; all work is provided to the operations manager along with the filed supervisors for review. The field supervisor will assign two technicians to an account to serve as the primary technicians. All information is provided to the primary technicians from the field supervisor and reviewed with primary technicians for accuracy.

52. List your company's current capabilities for energy management system monitoring. Discuss the process involved when resolving a problem associated with an HVAC unit or system where an energy management system is installed.

We do not provide any "monitoring" services for energy management systems. However we work closely with all major manufacturer energy management vendors to resolve any issues that may arise whether it be mechanically related or a system issue. We have the capabilities to perform work on a selection of energy management systems and can interface with most.

53. List the number of sites your company currently monitors Energy Management Systems (EMS).

We utilize 3rd party vendors for monitoring of EMS systems. We currently work with 12 different monitored sites.

54. List your company capabilities regarding system changes and repairs to EMS systems.

Depending on the type of EMS system a customer may have, we can access the front end BMS system to make changes as required. Unless proprietary systems are involved we have access to parts to repair BMS systems.

55. List the reporting capabilities your company has for EMS system parameters.

Providing that a customer provides us access remotely to gain entry into the EMS system, we are able to field potential problem areas through the EMS system by adjusting setpoints and other parameters. If we determine that the issue resides on the mechanical side; a service call will be issued for a technician response on-site.

56. Does your company maintain and repair/replace EMS in-house (self-perform) including monitoring, alarm resolution, repairs, and adjustments?

Typically repairs, adjustments, replacements are performed by the customer and/or a 3rd party vendor.

57. Describe your process for trouble shooting a problem (HVAC, lighting, etc.) at a site with an EMS system. How does repair get escalated for service?

While on-site we will first start with the BMS settings, adjustments, and/or alarms. Once we evaluate the problem and the appropriate course of action, we communicate with the on-site personnel and commence a service call on the associated piece of equipment. It could range from a communication issue and/or an actual mechanical malfunction. If additional resources or different level of expertise is required, the appropriate personnel will be dispatched.

58. Describe your company's startup and system checkout responsibilities.

Depending on job scope and equipment type, startup maybe required to be performed by a factory authorized technician. In a case where this is required, a startup will be accompanied by an in-house technician.

In addition to this, many of our technicians have been factory trained in specific manufactures equipment, then all the necessary factory required startup forms are adhered to and submitted in order to obtain and meet warranty guideline specifications.

59. Describe your company's post-installation and warranty support.

We follow all factory warranty conditions. Upon a receipt of a call for a unit that is still covered under the warranty period we respond as appropriate and perform any repairs and/or warranty support that is necessary as specified by unit warranty.

60. Describe your company's steps for system analysis.

During a response to equipment failures and/or issues; we asses the entire system for issues and/or problems potentially leading up to a cause of failure. An example of a system analysis would be an issue with a chiller. A chiller could be showing a specific fault/failure; but there could be something in the ancillary system that could be causing the problem. In this example I'll utilize a low evaporator temperature; this could be a cause of a faulty sensor, low load conditions, or other system issues. We evaluate these type of conditions to get a better system analysis in order to appropriately diagnose problems.

61. Discuss your company's current computer system architecture. How do your company's computer system guarantee customers receive consistent service support, HVAC responsibility verification, and management reporting?

All employees are issued mobile devices such as laptops, tablets, or phones and are provided with means of Wi-Fi. This ensures that when any computer/data entry are necessary that any changes are automatically saved into our servers which are backed up on a regular basis.

Reports can be complied at any given time to meet any customer/management requirements. In addition to this, we have implemented a customer portal that can be accessed 24/7 at any given time from any device that is able to utilize the internet. Reports and equipment logs are uploaded into the customer portal for review at any given time.

62. What does your company do to ensure bills are received from service centers within a reasonable time frame and issued to government entities for payments?

All invoices are sent electronically via e-mail or other means, to ensure payments are received in a timely fashion. Additionally, if a paper copy is required by the customer, that is sent via customer preferred method.

63. Explain how your company qualifies/certifies it service centers and what types of checks are performed to ensure standards are upheld.

We only employ service technicians that have been through an apprenticeship program and completed the journeymen classes. This ensures that all of our technicians have a minimum level of knowledge of our industry. In addition to this, we also employ apprentices that are actively enrolled in an apprenticeship program and are typically teamed up with a journeymen technician to assist in their knowledge and growth of the industry.

64. Is warranty coverage dependent on using your startup procedure?

In most cases the manufacturers warranty guidelines will be utilized. If the initial work was performed by us, all necessary paperwork and warranty procedures are followed. If the initial work was performed by others; we will first check with the necessary manufacturer to ensure warranty status, then all warranty guidelines are followed.

65. Who performed your start-up procedure?

Most equipment startup are performed by a technician employed by CS Group/Chiller Services that have been trained and/or authorized to perform; otherwise any necessary authorized manufacturer startup representative will perform the startup as required.

66. List the total dollar volume your company completed in HVAC retrofits annually.

We perform anywhere between $500,000 - $1,000,000 per year on average.

67. List the other functions your company can provide regarding unit replacement to offer turnkey project. (ex. Electrical, sheet metal work, ems system connection and programming)

As a Mechanical Contractor, we can provide all necessary services associated with mechanical retrofitting, this would include electrical, sheet metal, insulating, and all aspects of mechanical. We can utilize other contractors for any type of work necessary.

68. Explain how your company would propose a planned unit replacement program including how units would be identified for replacement and how pricing would be addressed.

A site survey of equipment would be performed to evaluate age, condition, and feasibility of replacements. Most customers have a variety of equipment that would range from old to new. We would provide a customer with a necessary budget proposal that would span over a certain amount of time or as customer dictates and provide them with options of unit replacements, starting with the age and condition of units, older units being replaced first and anything that would fall outside of the useful life span of a unit as documented by ASHRAE.

69. Describe what project scheduling tools your company use to track projects during construction.

We utilize Microsoft Projects in order track projects and retrofits.

70. How does your company make the proper equipment selection on a turnkey or energy retrofit contract project?

During the equipment selection process we receive feedback from the customer on any preferred manufacturer and take into consideration of design specifications. We ensure that whatever manufacturer is decided on that it meets the original design specifications.

In many cases an engineer may be involved in a retrofit project; when this happens all equipment selections is based off the engineering design specification and is typically followed as an engineer recommends.

71. Describe how your company handles site development and project permitting process.

Since we are involved in retrofit and replacement type projects, there is typically never any site development required.

If the project falls outside of a repair type scope and requires replacement, we follow all local required procedures for permitting. A permit will be applied for prior to any equipment and/or commencement of work. Once the permit has been approved and issued, a timeline will be developed between the customer and us for the project to be performed.

72. Describe your company’s design-build quality control guidelines for design, construction, and review on a turnkey or energy retrofit contract project.

During a design-build project, customer input is critical to existing conditions and what is trying to be achieved. During this design-build project, we typically engage with engineering firms and have several meetings between the customer, us, and the engineer to ensure that the achieved end result will be met. We will hold pre-construction meetings, hold various walk-throughs during a project, and perform a final walk-through with all involved parties to ensure engineer and customer approval.

73. What is your company's design approach and philosophy for a turnkey or energy retrofit contract project?

We understand that not every project will have the same end result. One customer maybe more energy drive while another customer maybe more cost driven. Whatever the goal is, we work with all associated parties to achieve a product that is best suited for the customer, keeping in mind what the end goals are. Communication is paramount during a turnkey project.

74. Describe your company's construction management plan.

Once a project is requested, it has to first be evaluated for what type of work it is. This would determine how we would handle the project. We then would evaluate the size of the project, to determine if it will be a quick turn-around, or a longer duration project. Once that is completed, the team can be selected for pricing, pre-construction, and completion of the project.

Typical projects would go through several layers, examples would be:

1. Design Input
2. Value Engineering
3. Pre-Construction Scheduling
4. Long Lead Items
5. Construction management
6. Experience
7. QAQC
8. Safety
9. Construction Scheduling
10. Fabrication
11. Installations
12. Pre-Commissioning
13. Project Close-Outs

75. What is your standard warranty on installation?

One (1) year labor warranty and parts warranty as dictated by associated manufacturer.

76. What is your standard warranty on energy retrofit contracting?

One (1) year labor and parts warranty.

77. Do you differentiate in your company's standard warranty if financing is part of the contract? If so, please describe.

Financing is typically obtained by the customer prior to any contracts or work being performed. We do not provide any financing. No difference in warranty.

78. State whether your company provides a quality guarantee on your service. If so, please describe.

We provide the best level of service and work there is to offer. We guarantee any craftsmanship as project requires.

Safety

79. What states would your company not honor pricing on services for this contract, in the even that this contract is made available to all states.

Pricing will only be honored in states that active licenses are held.

80. Describe your company's safety program during service/repair work.

We have a comprehensive safety policy for all employees to follow. We execute work based off our safety policy, ensuring that all work is performed safely. We utilize a safety application to track and inform all of our technicians while on the job.

81. Describe your company's safety program during construction.

We have a comprehensive safety policy for all employees to follow. We execute work based off our safety policy, ensuring that all work is performed safely. We utilize a safety application to track and inform all of our technicians while on the job.

82. Indicate number of lost hours or other benchmarks to verify your company's effectiveness of their safety record.

2020 E.M.R – .93

2019 E.M.R – 1.0

2018 E.M.R – .73

83. What reporting mechanism does your company provide to the customer upon completion of any projects?

We provide a summary of project work and service tickets associated with the project. If there is a serious injury during a project we follow all of OSHA required guidelines for reporting.

Marketing/Sales

84. Detail how your organization plans to market this contract within the first 90 days of the award date. This should include, but not limited to:

a. A co-branded press release within the first 30 days

b. announcement of award through any applicable social media sites.

c. Direct mail campaigns.

d. Co-branded collateral pieces

e. Advertisement of contract in regional or national publications.

f. participation in trade shows.

g. Dedicated NCPA and Region 14 ESC internet web-based homepage with:

i. NCPA and Region 14 ESC Logo

ii. Link to NCPA and Region 14 ESC Website

iii. Summary of contract and services offered

iv. Due Diligence Documents including; copy of solicitation, copy of contract

v. amendments, marketing materials

Upon an award of contact, we will market the NCPA procurement tool as our only co-operative procurement tool. We will place the NCPA and Region 14 ESC logo along with link on our newly released web-page. An email campaign and all necessary trade shows to promote the NCPA tool to all of our existing customers.

85. Describe how your company will demonstrate the benefits of this contract to eligible entities if awarded.

We will approach all customers who would benefit from the use of the NCPA contract and educate them on how they can best use this tool to meet all their needs.

86. Explain how our company plans to market this agreement to existing government customers.

Between adding all NCPA and Region 14 ESC Logos and literature into our existing emails and web-site. We have relationships with many government customers that will require us to actively communicate and educate them on the uses of NCPA and how it will benefit them.

87. Provide a detailed 90-day plan describing how the contract will be implemented within your company.

First 30 days – A campaign involving emails, phone calls, and site visits to customers who qualify to utilize the contract will be contacted. Set appointments and visits with customers to discuss particulars and introduce them to the NCPA staff.

60-90 days – Following up on appointments and visits with customers. Assisting them with becoming members of NCPA (if not already) and showing them areas where they can utilize the contact in an effort to save money, time, streamline, and improve their own processes.

88. Describe how you intend on training your national and/or regional sales force on the Region 14 ESC agreement.

Although much of our staff is familiar with the NCPA and Region 14 ESC agreements. Separate trainings will be held in-house on how to best utilize NCPA contacts and how to present opportunities to customers.

89. Acknowledge that your organization agrees to provide it company logo(s) to Region 14 ESC and agrees to provide permission for reproduction of such logo in marketing communications and promotions.

CS Group/Chiller Services agrees to provide logo(s) for all necessary use to Region 14 ESC.

Administration

91. Describe your company's implementation and success with existing cooperative purchasing programs, if any, and provide the cooperative's names(s), contact person(s) and contact information as reference(s).

We currently hold no other cooperative purchasing programs.

92. Describe the capacity of your company to report monthly sales through this agreement.

Monthly statements will be provided to NCPA and Region 14 ESC.

93. Describe the capacity of your company to provide management reports, i.e. consolidated billing by location, time and attendance reports, etc. for each eligible agency.

Upon request, we can provide all the necessary reports as required by specific locations, customers, etc.

94. Please provide any suggested improvements and alternatives for doing business with your company that will make this arrangement more cost effective for your company and participating public agencies.

We currently hold a contract with NCPA. We feel that there is no further improvements that need to be made at this time.

Green Initiatives

We are committed to helping to build a cleaner future! As our business grows, we want to make sure we minimize our impact on Earth's climate. So we are taking every step we can to implement innovative and responsible environmental practices throughout Region 14 ES to reduce our carbon footprint, reduce waste, promote energy conservation, ensure efficient computing, and much more. We would like vendors to partner with us in this enterprise. To that effort, we ask respondents to provide their companies environmental policy and/or green initiative.

95. Please provide your company's environmental policy and/or green initiative.

CS Group does not currently have any "Green" or "Environmental Policies" in place.

Vendor Certifications (if applicable)

96. Provide a copy of all current licenses, registrations and certifications issued by federal, state and local agencies, and any other licenses, registrations or certifications from any other governmental entity with jurisdiction, allowing respondent to perform the covered services including, but not limited to licenses, registrations or certifications. M/WBE, HUB, DVBE, small and disadvantaged business certifications and other diverse business certifications, as well as manufacturer certifications for sales and service must be included if applicable.

See below for all current licenses.

Public Works
Building Division
15151 E. Alameda Pky
Aurora, CO 80012
303-739-7420

1516356

CONTRACTOR LICENSE

Date of Issue: 02/03/2021 **Date of Expiration:** 03/01/2022

License Number: 2021 1924747 00 CL

Contractor Name: CS GROUP

Type of License: Mechanical Systems Contractor

Permits Online User

LICENSING OFFICIAL

It is the licensee's responsibility to be familiar with the City of Aurora Building Codes Division **Chapter 22 Building and Building Regulations, Article III Contractors Division 22-61 through 22-102** for contractor and supervisor licensee responsibilities.

CS GROUP
8250 PARK MEADOWS DR 100
LONE TREE CO 80128

Cut along perforated line

Wallet	Duplicate
Public Works Building Division 15151 E. Alameda Parkway AURORA, CO 80012 PHONE NO. (303) 739-7420 Valid through: 03/01/2022	Public Works Building Division 15151 E. Alameda Parkway AURORA, CO 80012 PHONE NO. (303) 739-7420 Valid through: 03/01/2022
Contractor: CS GROUP	Contractor: CS GROUP
Type of License: Mechanical Systems Contractor	Type of License: Mechanical Systems Contractor
License #: 2021 1924747 00 CL	License #: 2021 1924747 00 CL
A signed license by license official should be maintained in your files.	A signed license by license official should be maintained in your files.

Contractor License

This certifies that Mark Lutz has met the required qualifications to be licensed as a/an Mechanical Contractor in the City of Loveland, Colorado.

License Number: 7753

Date Issued: 02/15/2021 *Expiration Date:* 02/15/2023

Jen Zaynor
Digitally signed by Jen Zaynor
Date: 2021.02.15 14:10:33 -07'00'

Contractor Licensing Administrator

City of Loveland *License:* 7753

Mark Lutz is licensed as a/an Mechanical Contractor and is authorized to practice as such in the City of Loveland.

Issued: 02/15/2021
Expiration: 02/15/2023

Jen Zaynor
Digitally signed by Jen Zaynor
Date: 2021.02.15 14:10:43 -07'00'

Contractor Licensing Administrator

City of Loveland
410 East 5th Street
Loveland, CO 80537
(970) 962-2505 Main
(970) 962-2904 Fax

City of Loveland

COLORADO
Department of Regulatory Agencies
Division of Professions and Occupations

Below are your electronic wallet cards to use as proof of your license. You can also print your license at any time by visiting www.colorado.gov/dora/DPO_Print_License and following the instructions listed.

If you would like a more durable wallet card option, you can order one for a fee by visiting www.nasbastore.org and selecting the "Colorado License Cards" link on the left hand side of the page. If you prefer, you can also contact NASBA by phone at 1-888-925-5237 or by email at nasbastore@nasba.org.

Should you have questions about your credential, or need other information please contact our Customer Service Team at 303-894-7800 or dora_dpo_licensing@state.co.us.

Colorado Department of Regulatory Agencies
Division of Professions and Occupations

State Plumbing Board

CS Group, Inc

Plumbing Contractor

PC.0002489 — **Number**
06/24/2019 — **Issue Date**
Active — **Credential Status**
02/28/2021 — **Expire Date**

Verify this credential at: www.colorado.gov/dora/dpo

Division Director: Ronne Hines Credential Holder Signature

Colorado Department of Regulatory Agencies
Division of Professions and Occupations

State Plumbing Board

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Plumbing Contractor

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Verify this credential at: www.colorado.gov/dora/dpo

Division Director: Ronne Hines Credential Holder Signature

City and County of Denver
Community Planning and Development
www.denvergov.org/contractor_licensing

License/Registration Number: LIC21038
Expiration Date: 01/31/2024
License Type: H & V A

Issued To:

By Authority of the Executive Director of Community Planning and Development

CS GROUP INC
8250 PARK MEADOWS DR STE 100
LONETREE, CO 80124

Amount	Fund/Org/Revenue Code	Payment Date	Trans #	Status
$250.00	R353900-*-01010-0141200	01/28/2021	7553211	Paid

RENEWAL INFORMATION

Renewal notices will be e-mailed to e-mail address on file.
Renewal information is available at **www.denvergov.org/Contractor_Licensing.**

INSPECTION INFORMATION

Inspection requests called in by 12:00 a.m. will usually be scheduled for the following working day.

Please provide the following information when you call for an inspection:

- √ Permit number
- √ Type of inspection and inspection code

Automated Inspection Request System: 720-865-2501

Inspections are performed Monday through Friday.

Wallet Contractor ID Card: MUST BE KEPT IN YOUR POSSESSION AT ALL TIMES.

Cut on outside of line, then fold in half.

City and County of Denver

IDENTIFICATION CARD

License/Registration No.: LIC21038

This is to certify that CS GROUP INC has been issued a H & V A license in the City and County of Denver, beginning on 28 January 2021 and ending on 31 Jan 2024, unless license is revoked.

By Authority of the Executive Director of Community Planning and Development

City and County of Denver
Community Planning and Development
201 W COLFAX AVE DEPT 205
DENVER, COLORADO 80202

DENVER - THE MILE HIGH CITY

Licenses & Certificates:	720.865.2770
Permit Counter:	720.865.2720
Inspection Administration:	720.865.2505
Automated Inspection Request:	720.865.2501

LIC. 100 (4/100) CPDA

TAB 5
Products and Services / Scope

REQUEST FOR PROPOSAL 32-21

Tab 5 – Products and Services

HVAC Refrigeration

Type (e.g., Rotary, Centrifugal, Scroll, Reciprocating, Absorption)

- We can provide, install and service; Rotary, Centrifugal, Scroll, Reciprocating and Absorption machines. We have factory certifications for all major manufactures of this type of equipment. In addition we are factory authorized for the Smardt modular chiller brand as well as Stulz data center equipment.

Cooling medium (e.g., air, water)

- All available

Brand Name(s)

- We can provide, install and service any HVAC Refrigeration application that exists in the market place. These are just a few of the brands we support:
  - Trane
  - York
  - Daikin
  - Smardt
  - Carrier

Capacity Range (tons)

- All available

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty on to the customer (Typically 1 year parts/labor) and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group, Inc can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 10 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 6 to 8 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad. We do not consider ourselves an equipment manufacturer.

Range of Efficiencies (KW/Ton)

- We support all available efficiency ranges

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided

- See below

Detail Features & Benefits

- Keep in mind this is just a small sample of the products that we can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

Smardt www.smardt.com

AIR-COOLED PACKAGED CHILLER RANGE

60 TR TO 600 TR

The Smardt air-cooled range offers the smallest footprint, the quietest operation and the highest air-cooled operating efficiencies on the market.

Condenser coils use a V configuration to optimize heat rejection and footprint. Coils are baked and double-coated as standard with sealed edges as standard, to extend the coil's physical protection from environmental corrosion.

REMOTE AIR-COOLED CONDENSING

Remote location of the condenser can be a preferred option in some applications. Smardt can supply a full package if desired, or on a condenser-less basis.

"QUIETEST IN THE INDUSTRY!"

Standard Smardt air cooled chillers are over 70% lower in sound power than a standard screw machine. Even lower sound levels are deliverable when you need them.

EVAPORATIVE PRE-COOLING FURTHER DROPS POWER CONSUMPTION

Use of evaporative pre-cooling to lower the incident air temperature on the coil can dramatically reduce energy consumption, effectively shifting heat rejection from ambient dry bulb (95 deg F or 35 deg C) towards ambient wet bulb (say 75 deg F or 24 deg C). In warmer, dryer climates, Smardt reference sites show further savings of over 30% compared with normal Smardt air-cooled operation.

Use of evaporative pre-cooling to minimize air-cooled power consumption can be very efficient from an operating cost perspective.

SMARDT FREE-COOLING CAN DRIVE EFFICIENCIES OFF THE PLANET

Adding a Smardt Free Cooling package (special bypass circuitry, controls and safeguards) can drive air cooled chiller efficiencies to spectacular levels with appropriately low ambient temperatures. Payback periods can be very short.

Service access is outstandingly simple.

Smardt air-cooled performance at this Florida university delivered the expected 40% energy savings.

CSGroup HVAC/R Services

Chiller Services

Chillers

As a leader in vapor compression and heat transfer technology, Trane manufactures the industry's broadest range of centrifugal, rotary and scroll water chillers. Regardless of the style and model you choose, you'll experience the exceptional efficiency coupled with most reliable performance that made Trane® chillers the industry standard for decades.

Centrifugal Chillers

Three-Stage and Two-Stage
CenTraVac Water-Cooled Chillers
Models: CVHE/F
120 to 2,000 tons, 60 Hz
Model: CVHG
450 to 1,300 tons, 50 Hz

Duplex™ CenTraVac
Water-Cooled Chillers
Model: CDHF
1,500 to 3,950 tons, 60 Hz
Model: CDHG
1,200 to 2,500 tons, 50 Hz

EPA

EarthWise™ CenTraVac Chillers are a three time Climate Protection Award winner as the most energy-efficient, lowest-emission large chillers available and are the only chillers in the world to earn Environmental Product Declaration (EPD) registration following the requirements of ISO 14025.

Helical Rotary Chillers

Water-Cooled Series R Chillers™
Compressor Chillers
Model: RTWD
70 to 250 tons
Packaged Water Chiller
Model: RTUD
70 to 200 tons
Compressor Chiller

Air-Cooled Series R Chillers™
Model: RTAC
140 to 500 tons, 60 Hz
120 to 400 tons, 50 Hz

Water-Cooled Series R Chillers
Model: RTHD
175 to 450 tons, 60 Hz
125 to 450 tons, 50 Hz

Condensers

Air-Cooled Condenser
Model: CAUJ
20 to 120 tons
Model: CTA
3 to 15 tons
Model: CCRC
20 to 60 tons

Scroll Chillers

Water-Cooled Scroll Liquid Chillers
15 to 70 tons

Air-Cooled Scroll Chillers
Model: CGAM
20 to 130 tons, 50 to 60 Hz

Modular Chiller Plants

Integrated Heating/Cooling
Chiller Plants
200 to 6,400 tons

Absorption Chillers

Single and Two-Stage Absorption
Liquid Chillers
20 to 1,750 tons
Steam, hot-water and nat-gas fuel source

Indoor Air Quality Products and Devices

Type (Active polarization, non-ionizing, electronic air cleaning systems intended to replace passive filtration, any other.)

- CS Group has provided multiple types of filtration strategies in many different types of environments. We have consulted and determined filtration strategies for various customers. These customers range from complicated surgical suites to as simple as a general office building. With these projects we have utilized active and passive type systems as well as electronic and non-ionizing systems.

Brand Name(s)

- UVDI (Ultra Violet Devices, Inc) www.uvdi.com
- Dynamic Air Quality Solutions www.dynamicaqs.com
- AtmosAir Solutions www.atmosair.com
- UV Resources (UVR) www.uvresources.com
- Global Plasma Solutions www.globalplasmasolutions.com
- CS Group can provide the brand names above as well as any other brand/type that might exist in the market place and that makes sense in a given application.

Capacity Range

- All available

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty on to the customer (typically 1 year parts and labor) and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 4 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad.

Range of Efficiencies

- All available

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided

- See below

Detail Features & Benefits

- Please see the details below of data with general features and benefits for Indoor Air Quality products. Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

UV Resources (UVR) www.uvresources.com

RLM Xtreme

It's no longer necessary to use costly, hard to install, and potentially unsafe metal fixturing that can interfere with plenum access. Xtreme combines the most reliable UV-C components in a simple, flexible, and affordable system design that's configurable to fit into most any plenum. Its exclusive LampClamp™ mechanism uses a compression nut and flexible flutes that encase a 4- pin lamp within the LampHolder™. The connection firmly holds the lamp in place to provide a watertight seal. Another feature is EncapsuLamp™ (FEP lamp coating) that protects the system, space, and the installer from lamp residues such as mercury and glass should lamp breakage occur. Whether for coil irradiation or killing airborne microorganisms, or both, Xtreme delivers adaptability, ease of service, and the industry's longest warranty, all at the lowest cost of ownership. For over a decade, the UV-C choice has been clear—RLM Xtreme!

- Specifically designed for Xtreme environments
- Xtreme output: >420 µW/cm² at 1 Meter
- 360° distribution - highest UV-C fluence available
- Unlimited lamp configurations
- Industry's easiest to install and maintain
- Industry's lowest cost of ownership
- Highest reduction of infectious microbes
- Destroys coil/drain pan mold and bacteria
- EncapsuLamp™ technology for superior safety
- Designed for direct water wash-downs
- Worldwide lamp and ballast availability
- Minimal lamp sizes/less inventory
- Meets/exceeds U.S. mercury content standards
- UL, CUL, CE and other agency listings
- 5-year fixture warranty
- 1-year lamp warranty

CSGroup HVAC/R Services

Chiller Services

UVDI (Ultra Violet Devices, Inc) www.uvdi.com

Unitary

Type (e.g., rooftops, split systems, VRFs, Heat Pumps, PTACs, water-source, mini-splits)

- CS Group can provide and install rooftops, split systems, VRF systems, heat pumps, PTACs, water source and mini-split system from multiple manufactures. We consult with clients on the best type of unit to install based on their application and facility needs.

Brand Name(s)

- We can provide and install any brand name that exists in the market. Here are a few of the brands we have worked with recently:
  - Trane
  - Carrier
  - York
  - Daikin
  - Mitsubishi

Capacity Range

- All available

Heating Medium (Electric, Gas, Steam, Hot Water)

- All available

Cooling Medium (DX, Chilled Water)

- All available

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty on to the customer (Typically 1 year parts/labor) and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 4 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad.

Range of Efficiencies (EER, SEER, COP)

- We support all available efficiency ranges

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided

-- See below

Detail Features & Benefits

Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

Trane www.trane.com

DX Packaged Units

Self-Contained Units

Regardless of whether you're building a new building or renovating an existing structure, Trane offers vertical self-contained systems to meet your specific needs. Each system is engineered to provide years of reliable, efficient and quiet operation.

Commercial Self-Contained
Signature Series
Models: SCWF, SWF,
SCRF, SIRF
20 to 110 tons

Commercial Self-Contained
Modular Series
Models: SCWG, SIWG,
SCRG, SIRG
20 to 35 tons

Vertical Self-Contained
Models: SCWH, SCRJ
3 to 15 tons

Integral Self-Contained
Model: SCIJ
5 to 15 tons

Water-Source Heat Pumps

Trane® Axiom™ water-source heat pumps (WSHP) deliver high-performance heating and cooling with exceptional efficiency; up to 40 EER on select systems. And with all this performance and efficiency, advanced technology makes Trane Axiom water-source heat pumps easy to operate and maintain, resulting in optimal comfort and long-lasting durability.

Console
Model: GEC
1/2 to 1-1/2 tons

Water-to-Water
Model: EXW
5 to 20 tons

Vertical Stack
Model: GET
3/4 to 3 tons

Variable-Speed
Model: VSHV
2 to 5 tons

High Efficiency
Model: EXHV
1-1/2 to 6 tons

Model: GEHV
1/2 to 5 tons

Rooftop
Model: GER
3 to 25 tons

Midrange and Large
Model: GEHV
6 to 25 tons

Carrier www.carrier.com

Model	Type	Efficiency (EER/SEER or *IEER*)	Capacity Range, Tons	Key Documents
WEATHERMAKER® 48A	Gas heat	10.3/*12.9*	20 - 60	Product Data
COMFORT™ 48ES-A	Gas heat	11.0/13.0	2 - 5	Product Data
COMFORT™ 48EZ-A	Hybrid heat	11.0/13.0	2 - 5	Product Data
WEATHERMASTER® 48HC	Gas heat	13.0/*15.6*	3 - 25	Product Data
WEATHERMAKER® 48KC	Gas heat	12.0/14.1	3 - 5	Product Data
WEATHEREXPERT™ 48LC	Gas heat	13.5/*20.8*	3 - 23	Product Data

WEATHEREXPERT™ 48N	Gas heat	10.9/*14.4*	75 - 150	Product Data
WEATHERMASTER® 48P	Gas heat	10.6/*12.7*	30 - 100	Product Data
WEATHERMAKER® 48TC	Gas heat	11.0/*13.0*	3 - 27.5	Product Data
PERFORMANCE™ 48VG-A	Gas heat	12.0/16.0	2 - 5	Brochure
PERFORMANCE™ 48VL-A	Gas heat	12.0/14.0	2 - 5	Brochure
PERFORMANCE™ 48VR-A	Hybrid heat	12.0/15.5	2 - 5	Brochure

PERFORMANCE™ 48VT-A	Hybrid heat	12.0/14.0	2 - 5	Brochure
WEATHERMAKER® 50A	Electric heat, No heat	10.5/*13.2*	20 - 60	Product Data
COMFORT™ 50ES-A	Electric heat, No heat	11.0/13.0	2 - 5	Product Data
COMFORT™ 50EZ-A	Electric heat, No heat	11.0/13.0	2 - 5	Product Data
WEATHERMASTER® 50HC	Electric heat, No heat	13.0/*15.6*	3 - 25	Product Data
WEATHERMASTER® 50HCQ	Heat pump	12.8/*15.8*	3 - 10	Product Data

WEATHERMAKER® **50KC**	Electric heat, No heat	12.0/14.1	3 - 5	Product Data
WEATHERMAKER® **50KCQ**	Heat pump	12.2/14.3	3 - 5	Product Data
WEATHEREXPERT™ **50LC**	Electric heat, No heat	13.7/*21.0*	3 - 23	Product Data
WEATHEREXPERT™ **50N**	Electric heat, Hydronic heat, No heat	11.1/*14.6*	75 - 150	Product Data
WEATHERMASTER® **50P**	Electric heat, Hydronic heat, No heat	10.9/*13.0*	30 - 100	Product Data
WEATHERMAKER® **50TC**	Electric heat, No heat	11.2/*13.0*	3 - 27.5	Product Data

WEATHERMAKER® 50TCQ	Electric heat, Hydronic heat, No heat	11.2/13.4	3 - 20	Product Data
PERFORMANCE™ 50VG-A	Electric heat, No heat	12.0/16.0	2 - 5	Product Data
PERFORMANCE™ 50VL-A	Electric heat, No heat	12.0/14.0	2 - 5	Brochure
PERFORMANCE™ 50VR-A	Heat pump	12.0/15.5	2 - 5	Product Data
PERFORMANCE™ 50VT-A	Heat pump	12.0/14.0	2 - 5	Brochure
COMFORT™ 50ZHB	Electric heat, No heat	11.0/13.0	2 - 5	Product Data

Air Handling

Type (e.g. central station-manufactured or custom makeup air, fan, filter, coil sections)

- CS Group can provide any type of air handling unit that exists in the market place. This includes but is not limited to: Trane, Carrier and York. We can also have an air handler custom built to meet any specification or application a customer may have.

Brand Name(s)

- All brand names can be acquired. Here are just a few we work with regularly:
  - York (Johnson Controls)
  - Trane
  - Carrier

Fan Types (e.g. Backward incline, Forward curve, airfoil)

- All available

Capacity Range (CFM)

- All available

Heating Medium (Electric, Gas, Steam, Hot Water)

- All available

Cooling Medium (DX, Chilled Water)

- All available

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty on to the customer (Typically 1 year parts/labor) and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 4 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad.

Range of Efficiencies (EER, SEER, COP)

- We support all available efficiency ranges

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided

- See below

Detail Features & Benefits

Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

Trane www.trane.com

Air Handling

Effectively conditioning and circulating air through a building is vital to the occupants' comfort and performance. Trane air handlers are designed to seamlessly integrate with our other system components to address critical indoor air quality issues of temperature, humidity, ventilation and air cleaning at low sound levels and minimal operating energy cost.

Air Handlers

Packaged Climate Changer™
Air Handlers
Model: LPCA
1,500 to 15,000 cfm

Performance Climate Changer
Air Handlers
Model: CSAA
1,500 to 60,000 cfm

Custom Climate Changer
Air Handlers
Models: TCCA, TCPA
1,500 to 200,000 cfm

Make-Up Air

Indirect Gas-Fired Indoor
Make-Up Air Units
Model: GGAA

Direct Gas-Fired Indoor
Make-Up Air Units
Model: DFIA

Packaged Air Handling
Model: AHOA

Outdoor Gas Heating
and Duct Furnaces
Model: GRAA

Packaged DX Outdoor Air Unit
Model: OAU

Fans

Direct Drive Fan Arrays
Model: SDDP
10,000 cfm and up

Coils

Heating and Cooling

Carrier www.carrier.com

Model	Construction	Application	Airflow Range, Cfm	Key Documents
39CC	Semi-custom double wall	Indoor, Outdoor	1000 - 300000+	
AERO® 39L	Compact single/double-wall	Indoor, Outdoor	1800 - 15000	Product Data
AERO® 39M	Custom double-wall	Indoor, Outdoor	1500 - 60500	Product Data
AERO® 39S	Compact single/double-wall	Indoor, Outdoor	400 - 1800	Product Data

Air Terminal Devices and Heating Products

Type (e.g. VAV, Fan Coils, Unit Ventilators, Unit Heaters, Fin Tube Radiation/Convectors)

- CS Group has provided and installed all of the types listed: VAV, Fan Coil, Unit Ventilators, Unit Heaters and Fin Tube Radiation/Convectors. We have consulted and determined the best type of product in a given application for various customers. These customers range from complicated surgical suites and hospitals to as simple as a general office building.

Brand Name(s)

- We can provide and install any brand name that exists within the market place that makes sense to customer's application. Here are a few brand names we have worked with:
    - Johnson Controls (York)
    - Krueger
    - Trane
    - Carrier
    - Titus

Capacity Range (CFM)

- All available

Heating Medium (Electric, Gas, Steam, Hot Water)

- All available

Cooling Medium (DX, Chilled Water)

- All available

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty on to the customer (Typically 1 year parts/labor) and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 4 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad.

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided

- See below

Detail Features & Benefits

Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

Krueger www.krueger-hvac.com

Terminal Units

Single Duct Terminal Units

Single duct terminal units feature compact designs and is available with hot water or electric reheat.

View Product in this group

Fan Powered Terminal Units

These series or parallel fan boxes are designed to provide optimal thermal comfort in most applications.

View Product in this group

Dual Duct Terminal Units

These units are designed for dual duct systems and are available for mixing and non-mixing applications.

View Product in this group

Retrofit Terminal Units

These units are designed for an array of applications including retrofits and airflow measurement.

View Product in this group

Bypass Terminal Units

These products are designed to maintain optimum occupant comfort by varying the amount of cold air from the constant volume air handler and bypassing the excess cooling air back to the air handler.

View Product in this group

Fan Coils

Horizontal Standard

The Krueger horizontal standard capacity fan coil line are well suited for rooms where floor space is limited and individual room temperature control is necessary. They are available in several configurations from the basic free air return, ducted supply unit to the exposed painted cabinet unit.

View Product in this group

Horizontal High Capacity

Similar to the horizontal standard capacity fan coils, the high capacity units were designed for areas where they will serve multiple or large rooms.

View Product in this group

Vertical Standard

Unlike the horizontal fan coils, the vertical standard or "console" units, are ideal for rooms where there is a ceiling plenum or height limitation. These fan coils typically install under windows to counter the heat/cool load and are available in furred in or painted exposed configurations.

View Product in this group

Vertical High Capacity

Typically located in a closet, the vertical high capacity fan coils are designed to serve multiple or large rooms.

View Product in this group

Vertical Stack

The vertical stack fan coils are well suited for high rise applications such as hotels or condominiums. This product line is available in almost every riser pipe entry and supply airflow configuration imaginable to satisfy any possible room layout for retro fit or new building requirements.

View Product in this group

The Trane electric architectural forced-air wall unit heaters combine quiet, reliable heating with an attractive cabinet design. Their ease of installation, rugged construction and architectural styling particularly suits them for space heating applications in commercial, industrial and institutional applications. These unit heaters range from smaller room-sized electric heaters to large indoor and outdoor duct furnaces.

The unit heaters are typically used in areas with high ceilings, and are exposed in the space to be heated. Unit heaters offer low installed cost, and are able to heat large volume areas without requiring extensive duct systems.

Gas Unit Heaters

Electric Unit Heaters

S&P Unit Heaters

Carrier

www.carrier.com/building-solutions/en/us/products/airside

AIRSTREAM™ 40U

UNIT VENTILATOR

Vertical 500 to 1,500 Cfm
Horizontal 750 to 2,000 Cfm

40UV - Vertical
40UH - Horizontal

Airstream unit ventilators meet the strict indoor air quality requirements of schools, hospitals, and institutions. The 40UV units are compact, efficient, and easy to install and maintain. Units are designed to provide economic, dependable long-term performance.

AXIS™ 35E	Single-duct unit	Standard Unit	45 - 7100	Product Data
AXIS™ 35J	Single-duct unit	Retrofit Unit	45 - 3700	Product Data
AXIS™ 35K	Single-duct unit	VAV Bypass Terminal	200 - 4000	Product Data
AXIS™ 35L	Dual-duct unit	VAV Applications	50 - 7100	Product Data

AXIS™ 35N	Dual-duct unit	Mixing Terminal	50 - 3700	Product Data
MODULINE® 37HS	Diffuser	System-Powered	100 - 400	
AXIS™ 45J	Series fan-powered	Standard Unit	90 - 3900	Product Data
AXIS™ 45K	Series fan-powered	Quiet Unit	Up to 3000	Product Data
AXIS™ 45M	Parallel fan-powered	Standard Unit	Up to 3660	Product Data

DDC Controls

Type (core components, end devices, lighting, panels)Brand Name(s)

- CS Group can support multiple DDC control systems through our diverse contractor network. With these contractors we generally require an open protocol frontend utilizing the Tridium Niagara product. Products include and are not limited to; Distech, KMC, Honeywell, Delta and Alerton.

System Protocol (BACnet, LonWorks, Proprietary or Combo)

- Through Niagara, our subcontractors and our technical staff, we can support virtually any network protocol to a single frontend.

LAN Communication Structure (Peer-to-peer, Polling)

- Through Niagara, our subcontractors and our technical staff, we can support virtually any type of LAN communication structure.

Human Machine Interface (HMI) types (PC, Notebooks, Handheld terminals)

- In the Tridium Niagara world the front end is any device that can support a network (WiFi or CAT5) connection and web browser. With older systems that have a proprietary HMI we would work with a licensed and qualified subcontractor or directly support with our technical staff.

Third party interface (Drivers and Gateways)

- Through Niagara, our subcontractors and our technical staff, we can support numerous third party systems. Please see driver information below.

Remote alarm and message capabilities

- Using the Niagara framework email and paging functions for alarms and messages is a standard feature. With most modern DDC systems that are not Niagara based email and paging of alarms can be achieved either directly or with add on software that we could provide directly or through a qualified subcontractor.

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty on to the customer and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 4 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad.

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Detail Features & Benefits

- Please see the details below of data with general features and benefits for DDC products. Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

Tridium Niagara JACE www.niagaraax.com/cs/products/jace

JACE®

To integrate diverse systems a physical connection to a device's network is required. The Java Application Control Engine (JACE) is the mechanism that provides this connectivity to systems within a building. By connecting common network protocols such as LonWorks, BACnet, and Modbus, along with many proprietary networks a unified system without seams emerges. Scalability and reliability concerns are avoided with the unique distributed architecture that a network of JACE's creates.

There are several JACE Controller options including:

JACE-600

Ideal for smaller facilities, remote sites and for distributing control and monitoring throughout large facilities.

In small facility applications, the JACE-600 is all you need for a complete system. The JACE-600 also supports a wide range of field busses for connection to remote I/O and standalone controllers. Optional input/output modules can be plugged in for applications where local control is required.

- The JACE-600 serves data and rich graphical displays to a standard web browser via an Ethernet LAN or remotely over the Internet, or dial-up modem. In larger facilities, multi-building applications and large-scale control system integrations, VYKON AX Supervisor™ software can be used to aggregate information (real-time data, history, alarms, etc.) from large numbers of JACEs into a single unified application. The AX Supervisor can manage global control functions, support data passing over multiple networks, connect to enterprise level software applications, and host multiple, simultaneous client workstations connected over the local network, the Internet, or dial-up modem.

JACE-5R-AX

A rack-mounted solution ideal for commercial and data center applications.

Specifically designed for commercial and data center applications, the JACE 5R-AX is ideally suited for users who require a compact controller that can be 19" rack or wall mounted. Its low 1U (1.75") height requires little room in crowded racks. A single JACE 5R-AX controller supports a network of devices via the LonWorks port, or through the four RS-485 ports, or the two RS-232 ports with the appropriate protocol driver.

- The JACE 5R-AX can integrate a combination of LON, Modbus, BACnet, or legacy devices with the appropriate optional drivers.

JACE-5R-AX

A rack-mounted solution ideal for commercial and data center applications.

- Specifically designed for commercial and data center applications, the JACE 5R-AX is ideally suited for users who require a compact controller that can be 19" rack or wall mounted. Its low 1U (1.75") height requires little room in crowded racks. A single JACE 5R-AX controller supports a network of devices via the LonWorks port, or through the four RS-485 ports, or the two RS-232 ports with the appropriate protocol driver.

  The JACE 5R-AX can integrate a combination of LON, Modbus, BACnet, or legacy devices with the appropriate optional drivers.

JACE-545

Compact controller perfect for commercial applications

- Specifically designed for commercial applications, the JACE-545 is ideally suited for users who require a compact controller that can be wall or enclosure mounted. A single JACE-545 controller can be used to support a network of devices via the LonWorks port and auxiliary devices that can be accessed through the four RS-485 ports or two RS-232 ports(unless used by the optional internal modem). A JACE-545 can integrate any combination of LON, Modbus, BACnet, or legacy devices with the appropriate optional drivers.

JACE 403

Designed for light commercial applications with the flexibility to be wall or enclosure mounted

- Specifically designed for light commercial applications, the JACE-403 is ideally suited for users who require a compact controller that can be wall or enclosure mounted. A single JACE-403 controller can be used to support a network of devices via the LonWorks port and auxiliary devices that can be accessed directly via onboard I/O, or through the RS-485 port, or an RS-232 port (unless used by the optional internal modem). The on board I/O can be used to monitor pulse contacts from power/demand meters, analog sensors or transducers, as well as control energy consuming devices with digital relay outputs. The JACE-403 can integrate up to 27-networked devices with any combination of LON, Modbus, BACnet,or legacy devices. For installations where more than 27 devices are required, the JACE-403-EXT can be used. The JACE-403-EXUP is an upgrade that eliminates the 27-node restriction on existing JACE-403 controllers.

JACE-200

Ideal for small facilities and remote sites

- The JACE-2 is ideal for smaller facilities, remote sites, and for distributing control and monitoring throughout large facilities. Optional input/output modules can be plugged in for applications where local control is required. The JACE-2 also supports a wide range of field busses for connection to remote I/O and stand alone controllers. In small facility applications, the JACE-2 is all you need for a complete system.

JACE-202-XPR

Designed for remote monitoring and smaller facilities

- The JACE-202-XPR is an embedded controller/server platform designed for remote monitoring and control applications. The JACE-202-XPR is ideal for smaller facilities, remote sites, and for distributing control and monitoring throughout large facilities. On-board inputs and outputs are available for applications where local control is required. The JACE-202-XPR also supports a wide range of field busses for connection to remote I/O and stand-alone controllers. In small facility applications, the JACE-202-XPR is all you need for a complete system.

JACE-NXS

Greater computing power for commercial and light industrial installations

- The JACE-NXS is ideally suited for integration, monitoring and control in commercial and light industrial installations. It has greater computing power with 512 MB RAM standard, 1-Gb Flash drive, optional hard drive, and a 650 MHz Celeron processor in a fan-less cabinet. Jace NXS-AX-FL has no moving parts which provides increased reliability. The JACE NXS-AX-FL includes an integral UPS. This superior computing and processing power make it ideal for installations where large amounts of archives and graphics are required. Because it has a PC processor platform with hard disk and is offered with either full or embedded Microsoft™ Windows XP, the JACE-NXS is ideal for organizations whose IT policies dictate Microsoft products or when applications such as OPC require a Windows-based operating system. This unit is available with either Vykon Release 2 or AX software.

SoftJACE

Greater flexibility to choose your own hardware platform

- Now you can take advantage of the real-time control, dynamic graphics, and multi-protocol integration capabilities of Tridium's Niagara Framework on the hardware of your choice. The AX SoftJACE makes it easy to address unique application needs such as rack mounting, extended temperature ranges, industrial packaging Windows environment. The SoftJACE provides all of the capabilities of a programmable controller, multi-protocol adapter, network manager, web server (with optional Web User Interface), data logger and alarm system in a single software solution. You can run the AX SoftJACE on most Microsoft XP Professional®Windows Server 2003 and other Windows compatible computers. The AX SoftJACE communicates with external devices utilizing Ethernet-based protocols, and currently supports the industry's most common standard protocols: OPC, BACnet IP, Modbus TCP, and SNMP. The client BACnet IP driver is included with the SoftJACE license, other drivers are sold separately.

Delta www.deltacontrols.com

Central Plant Controllers

PROBLEM

Central plants form the heart of many HVAC systems. They can vary widely in size and type of equipment but are typically characterized by a large number of monitoring and control points in a central area. Trying to find a scalable system that is powerful enough to manage your largest headquarters building, down to the small remote regional office is not easy.

THE ENTELISYSTEM SOLUTION

High density I/O capabilities: The modular flexibility of the enteliBUS control system makes it ideal for central plant applications. The enteliBUS Control System is comprised of a powerful Automation Engine "Brain" which provides the control logic for a selection of I/O modules covering all common input and output types.

System controllers: Alternatively, our Ethernet based range of Delta System Controllers (DSC) have communications, controls and input and output points, all in one self-contained unit. These powerful controllers can be freely programmed for all types of plant applications and can be expanded with additional field modules.

BENEFITS

Today's central plants are tightly integrated systems. Consolidating the I/O control in these applications is cost efficient, provides better control, and is typically easier to engineer and program when compared to using several discrete controllers. The enteliSYSTEM RANGE means;

- No wasted expenditure as modular components offer unparalleled flexibility to fit your exact needs.
- An expandable system meeting the needs of even the largest central plant applications.

EBCON

The enteliBUS™ Controller (eBCON) is a fully programmable native BACnet® Building Controller. The Controller supports multiple communications methods including, as standard, BACnet/IP, BACnet® over Ethernet, BACnet MS/TP and Delta LINKnet™.

The Controller integrates the functions of the enteliBUS Manager and the enteliBUS Expander into a single compact module. This single module contains the primary CPU, memory storage, external communication ports, and direct I/O control for up to 4 enteliBUS I/O Modules.

The Controller comes bundled with a controller Backplane that holds up to 4 I/O Modules. A connector on the Backplane allows for further I/O expansion. Up to 8 Backplanes (and associated I/O Modules) can be controlled from a single enteliBUS Controller module.

- Overview
- Specification

Application

The enteliBUS Control System is made up of multiple modular components that you select to meet the exact needs of a wide range of HVAC and Access control applications. The enteliBUS Controller, with associated I/O Modules, provides a small footprint controller perfect for applications with limited mounting space. It can be used as a low density distributed controller, or expanded with additional Backplanes/modules for high density I/O applications.

EBMGR / EBMGR-TOUCH

The enteliBUS™ Manager (eBMGR) is a fully programmable native BACnet® Building Controller. It supports multiple communications methods including, as standard, BACnet/IP, BACnet over Ethernet, BACnet MS/TP, and Delta LINKnet™.

The Manager is the automation engine of the enteliBUS Control System. It contains the primary CPU, memory storage, and external communication ports. The Manager also provides the control logic for enteliBUS I/O expansion backplanes.

An optional integrated LCD touchscreen provides local interface capabilities.

- Overview
- Specification

Application

The enteliBUS Control System is made up of multiple modular components that are selected to meet the exact needs of a wide range of HVAC and Access control applications.

The eBMGR has multiple applications. By itself, it is a powerful system manager/BACnet router. With expansion backplane(s) attached, the eBMGR functions as an expandable I/O controller.

Use the enteliBUS Control System in low to medium density I/O applications to control a single piece of equipment, such as an AHU or chiller. Use it in high density I/O applications to control an entire mechanical room or central plant.

Cooling Towers

Type (e.g., open, closed, evaporative, other)

- CS Group can provide open, closed evaporative, fiberglass and other types of cooling towers that might exist in the market place.

Brand Name(s)

- We can support/provide any brand name that exists in the market. Here are a few of the brands we have recently worked with:
  - Baltimore Air Coil (BAC)
  - Reymsa
  - Marley
  - Evapco

Capacity Range (tons)

- All available

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty (typically 1 year parts/labor) on to the customer and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 6 to 14 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 4 to 10 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad.

Range of Efficiencies

- All available

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided

- See below

Detail Features & Benefits

- Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

Baltimore Air Coil
www.baltimoreaircoil.com

Series V Benefits

Low Environmental Impact

ENERGY EFFICIENT

- Capacity is certified by the Cooling Technology Institute using water, ethylene glycol, and propylene glycol
- All units meet or exceed ASHRAE Standard 90.1 energy efficiency requirements
- Closed loop cooling further minimizes process fouling, maintaining process efficiency
- Premium efficient/inverter duty fan motors
- BALTIGUARD™ Fan System provides redundancy and energy savings by providing a pony motor (optional)

SOUND REDUCTION OPTIONS

- Centrifugal fans have inherently low sound characteristics
- Factory designed sound attenuation is available for both the air intake and discharge (option)
- Sound sensitive installations can be accommodated by facing the quiet blankoff panel to the sound sensitive direction

Durable Construction

- Panels are constructed of rugged G-235 hot-dip galvanized steel
- Forced draft design protects moving parts
- Various materials of construction are available to enhance longevity of the unit (see **page C73** for details)
- PVC drift eliminators are impervious to rot, decay, and biological attack
- Standard patented serpentine coils are HDGAF minimizing scaling and fouling potential

Durable Construction

Intake and Discharge Sound Attenuation

BALTIDRIVE® Power Train Fan System

Reymsa www.reymsa.com

Design Features

Durable heavy duty construction

All fiberglass and seamless construction

Offers long service life, minimum to zero maintenance and no water leaking problems.

Direct drive system

Offers minimum to zero maintenance by eliminating pulleys, belts, fan shaft, bearings, gearboxes, couplings and alignment issues.

Longer life span

REYMSA's all high-grade fiberglass construction will deliver a tower with 2 times the life span of galvanized steel tower.

Modular configuration

For increase capacities and accommodate any heat load.

Low environmental impact

Our equipment and motors are designed to conserve water and save energy. Meet or exceed ASHRAE Standard 90.1-2013 efficiency requirements.

Low sound & super low sound fan

REYMSA offers these optional models for sound sensitive areas.

Small footprint

Offers excellent performance in a compact footprint.

REYMSA

Material of Construction

High durable construction materials

FRP has proven it's durability in cooling towers over the last 40 years. FRP is replacing treated wood as the material of choice for structural framing easily more than doubling the expected life of large industrial field erected cooling towers.

Why FRP?

The polyester resin can be seen as the cement and the fiberglass as the reinforced bars in the concrete. REYMSA adds several layers of thick high grade fiberglass woven mats that results in the structural integrity that REYMSA's customers have come to depend on.

Great chemical and weather resistance

REYMSA only uses the highest quality isophthalic polyester resin that offers the best resistance to UV, chemical and hard water attacks. REYMSA recommends using 30 years for life cycle cost analysis based on CTI Guideline 152*. REYMSA's experience and our supplier's is that using our high grade isophthalic polyester resin will have a much longer undetermined life.

There is an industry trend towards non-chemical water treatment systems that provides for less make-up water and higher cycles of concentration. However these higher cycles of water concentrations results in levels of chloride that steel towers (galvanized or stainless) cannot tolerate. This is not a concern for REYMSA tower owners.

REYMSA

Material of Construction

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There is an industry trend towards non-chemical water treatment systems that provides for less make-up water and higher cycles of concentration. However these higher cycles of water concentrations results in levels of chloride that steel towers (galvanized or stainless) cannot tolerate. This is not a concern for REYMSA tower owners.

Pumps

Type (e.g., single stage, split case, end suction, inline, circulator, turbines)
- CS Group has provided, installed and serviced all types of pumping solutions that exist within the HVAC industry.

Brand Name(s)
- We have worked with all brands of pumps. Here are just a few brands we have worked with:
  - Armstrong
  - Taco
  - Bell and Gossett

Capacity Range (GPM)
- All available

Standard Warranty (Parts & Labor)
- We pass any manufacturer's warranty (typically 1 year parts/labor) on to the customer and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)
- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time
- In custom situations lead/delivery times in this category can range from 4 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)
- The manufacturers we typically work with are located throughout the US and abroad.

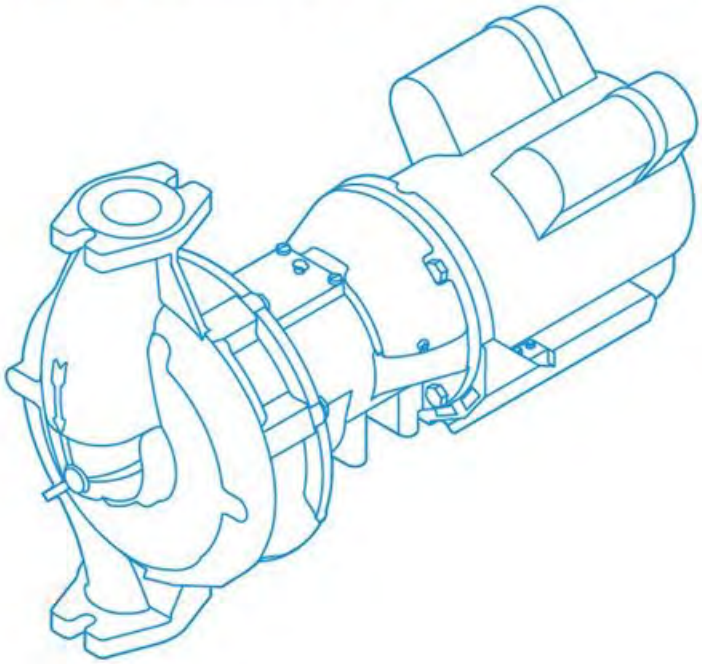
Range of Efficiencies
- All available

Estimated Market Share (North America)
- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided
- See Below

Detail Features & Benefits
- Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

Armstrong www.armstrongfluidtechnology.com



Taco www.taco-hvac.com

GT Series
Horizontal Split Case Pumps

GT Series Pumps provide the ultimate in reliability and ease of installation for heating, air conditioning, pressure boosting, cooling water transfer, and water supply applications. Quiet, dependable and proven performance: that's the GT Series.

Specifications

GPM: 1,167 - 19,150
HP: 30 - 1,500
Head (ft): 18 - 427
Sizes: 10 - 18

FI Series
Base-Mounted End Suction Pumps

For quiet, dependable power and outstanding hydraulic performance

Taco FI Series Pumps provide quiet, dependable power plus hydraulic performance and dimensional characteristics that meet the very latest standards. The improved bearing frame design features sealed-for-life bearings that meet all industry requirements for a minimum L 10 life of 60,000 hours, and optional, re-grease able bearings are also available. An easy-to-replace, slip-on shaft sleeve facilitates seal maintenance in the field and lowers maintenance costs. Taco's exclusive dry shaft design protects the pump shaft by eliminating contact with the circulating fluid, so corrosion-resistant shaft materials are generally not required. FI Pumps also feature flush seal line taps, allowing the installation of a filter to protect the seal from non-condensable particles present in open systems. In addition, pressure tappings on suction and discharge connections are provided as a standard feature.

Taco FI Pumps are ideally suited for a variety of applications, including heating, air conditioning, pressure boosting, cooling water transfer, and water supply.

Please note: Models CM, FE and FM base-mounted and close-coupled pumps are obsolete. Various documents for these products are available in our **Historical Literature archives.**

Specifications

GPM: 40 - 4,400
HP: 1/2- 150
Head (ft): 1 - 390
Sizes: 1-1/2 - 8

Available Models:

Select

KV Pumps
Vertical In-Line Pumps

Designed for optimum performance and ease of installation

Taco KV Vertical In-Line Pumps are designed for optimum performance and ease of installation. The close-coupled design results in improved alignment and increased seal life. They require no isolation pads and their simplified, in-line design save you time and money. Service, if ever needed, is easy because KV Pumps pull out from the back and you don't need to disconnect the pump from the piping system

Specifications

GPM: 10 - 2,650
HP: 3/4 - 60
Head (ft): 11 - 385
Sizes: 1-1/2 - 8

Bell and Gossett http://bellgossett.com/pumps-circulators/end-suction-pumps/e-1510/

Series e-1510 Base Mounted End Suction Pumps

CONSULTING · SPECIFYING engineer 2014 PRODUCT OF THE YEAR Most Valuable Product

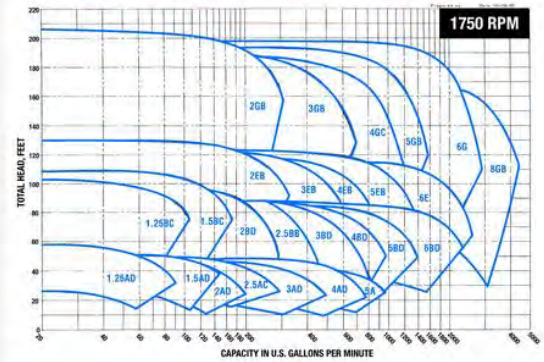
Bell & Gossett has redesigned the complete line of its best-in-class 1510 pump – now called the e-1510– to provide the highest overall efficiency in the end-suction market for HVAC and plumbing applications. With the largest Efficiency Island compared to other similar pumps, the e-1510 reduces electricity consumption, improves overall system performance and lowers life cycle costs.

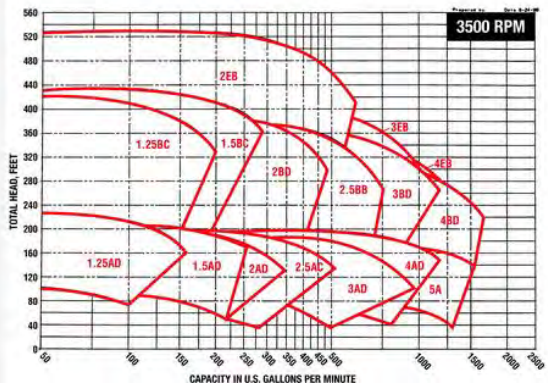
This new and extensive efficiency profile enables users to maintain significantly higher levels of efficiency over a much wider range of operating conditions. The Series e-1510's dramatic improvement in efficiency is the result of cutting edge computational fluid dynamics (CFD) design technology, deep hydraulic engineering expertise, and Xylem's comprehensive knowledge of HVAC and plumbing applications. The new Bell & Gossett Series e-1510 is available in 26 sizes and a variety of configuration options that enables customization and flexibility to fit a broad range of operating conditions.

Features & Benefits

- True Back Pullout
- Internally Self-Flushing Mechanical Seal
- Computer Controlled Impeller Balancing
- Heavy Duty, Rugged Baseplate
- Solid-Foot Mounted Volute
- Center Drop-Out Spacer Coupling
- ANSI/OSHA-Compliant Coupling Gaurd
- Patented i-ALERT Condition Monitor Option

Series e-1510 Performance Curves





Invertors

Brand Name(s)
- CS Group provides, installs and services all brands of Invertors (VFD's) that are available in the market. Here are just two of the brands we have worked with:
    - ABB
    - SquareD

Capacity Range (HP)
- All available

Standard Warranty (Parts & Labor)
- We pass any manufacturer's warranty (typically 1 year parts/labor) on to the customer and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)
- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time
- In custom situations lead/delivery times in this category can range from 4 to 8 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)
- The manufacturers we typically work with are located throughout the US and abroad.

Estimated Market Share (North America)
- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided
- See below

Detail Features & Benefits
- Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

ABB VFD Drives http://new.abb.com/drives

HOME → OFFERINGS → DRIVES → LOW VOLTAGE AC → INDUSTRY SPECIFIC → ACH580

ACH580 drives for HVAC

Comprehensive comfort control that ensures reliable and effortless operation of your HVAC applications

Comfort. It's something we take for granted in the buildings we live and work in. But comfort requires efficient systems controlling heating, ventilation, air conditioning and cooling (HVAC) to ensure the air we breathe is pure and the temperature is comfortable. We also need to ensure air quality in the most energy-efficient and cost-effective way – as well as safety – in both normal and mission-critical situations.

For half a century, ABB has been leading the way in optimizing HVAC systems using drive control to ensure that you can take comfort for granted. The new ACH580 series of variable frequency drives (VFDs) provide the quality, reliability, and energy savings you expect, and are easy to use and safe to maintain. All you need to do is to set the drive up, and then focus on what counts.

Major benefits

- Easy to select, install, commission and use
- Designed specifically for HVAC applications
- Embedded network communications including BACnet
- Intuitive control panel with multiple language capability
- Optional Bluetooth connectivity
- Ability to control a wide range of motors for any HVAC application
- Preconfigured default to ABB Super-E HVAC motor settings streamlines commissioning
- Based on ABB's all-compatible platform ensuring consistency
- Optimized energy efficiency
- Local availability and support

FEATURES

Standard Features

- UL, cUL labeled, CE marked & BTL listed (BACnet Testing Lab)
- EMI/RFI Filter (1st Environment, Restricted Distribution)
- Start-Up Assistants
- Maintenance Assistants
- Diagnostic Assistants
- Real Time Clock
  - Includes Day, Date and Time
- Operator Panel Parameter Backup (read/write)
- Full Graphic and Multilingual Display for Operator Control, Parameter Set-Up and Operating Data Display:
  - Output Frequency (Hz)
  - Speed (RPM)
  - Motor Current
  - Calculated % Motor Torque
  - Calculated Motor Power (kW)
  - DC Bus Voltage
  - Output Voltage
  - Heatsink Temperature
  - Elapsed Time Meter (resettable)
  - KWh (reset-able)
  - Input / Output Terminal Monitor
  - PID Actual Value (Feedback) & Error
  - Fault Text
  - Warning Text
  - Three (3) Scalable Process Variable Displays
  - User Definable Engineering Units
- Two (2) Programmable Analog Inputs
- Six (6) Programmable Digital Inputs
- Two (2) Programmable Analog Outputs
- Up to six (6) Programmable Relay Outputs (Three (3) Standard)
- Adjustable Filters on Analog Inputs and Outputs
- Mathematical Functions on Analog Reference Signals
- All Control Inputs Isolated from Ground and Power
- Three (3) Resident Serial Communication Protocols
  - Johnson Controls N2
  - Siemens Buildings Technologies FLN (P1)
  - Modbus RTU
- Input Speed Signals
  - Current 0 (4) to 20 mA
  - Voltage 0 (2) to 10 VDC
  - Increase/Decrease Reference Contacts (Floating Point)
  - Serial Communications
- Start/Stop
  - 2 Wire (Dry Contact Closure)
  - 3 Wire (Momentary Contact)
  - Application of Input Power
  - Application of Reference Signal (PID Sleep/Wake-Up)
  - Serial Communications
- Start Functions
  - Ramp
  - Flying Start
  - Premagnetization (DC brake) on Start
  - Automatic Torque Boost
  - Automatic Torque Boost with Flying Start
  - Auto Restart (Reset) – Customer Selectable and Adjustable
- Stop Functions
  - Ramp or Coast to Stop
  - Emergency Stop
  - DC Braking / Hold at Stop
  - Flux Braking
- Accel/Decel
  - Two (2) sets of Independently Adjustable Ramps
  - Linear or Adjustable 'S' Curve Accel/Decel Ramps
- HVAC Specific Application Macros
- Separate Safeties (2) and Run Permissive Inputs
- Damper Control
- Override Input (Fire Mode)
- Timer Functions
  - Four (4) Daily Start/Stop Time Periods
  - Four (4) Weekly Start/Stop Time Periods
  - Four Timers for Collecting Time Periods and Overrides
- Seven (7) Preset Speeds
- Supervision Functions
- Adjustable Current Limit
- Electronic Reverse
- Automatic Extended Power Loss Ride Through (Selectable)
- Programmable Maximum Frequency to 500 Hz
- PID Control
  - Two (2) Integral Independent Programmable PID Setpoint Controllers (Process and External)
  - External Selection between Two (2) Sets of Process PID Controller Parameters
  - PID Sleep/Wake-Up
- Motor Control Features
  - Scalar (V/Hz) and Vector Modes of Motor Control
  - V/Hz Shapes
    - Linear
    - Squared
  - Energy Optimization
  - IR Compensation
  - Slip Compensation
  - Three (3) Critical Frequency Lockout Bands
- Preprogrammed Protection Circuits
  - Overcurrent
  - Short Circuit
  - Ground Fault
  - Overvoltage
  - Undervoltage
  - Input Phase Loss
  - Output Device (IGBT) Overtemperature
  - Adjustable Current Limit Regulator
  - UL508C approved Electronic Motor Overload (I^2T)
- Programmable Fault Functions for Protection Include
  - Loss of Analog Input
  - Panel Loss
  - External Fault
  - Motor Thermal Protection
  - Stall
  - Underload
  - Motor Phase Loss
  - Ground Fault
- 5% Input Impedance
  - 5% Impedance with Internal Reactor(s)
  - Patented Swinging Choke Design for Superior Harmonic Mitigation in frame sizes (R1 to R4)

Available Options

- 3 Relay Extension Module (OREL-01)
- 115/230 V Digital Input Interface Card (OHDI-01)
- Embedded Fieldbus Protocols
  - BACnet (MS/TP)
- Fieldbus Adapter Modules
  - LonWorks
  - Profibus
  - DeviceNet
- DriveWindow Light Start-up, Operation, Programming and Diagnostic Tool
- Computer Based Training (CBT) Tool
- Fan Replacement Kit

Boilers & Water Heaters

Type (e.g., modulating, condensing, cast iron, water tube, packaged, other)
- CS Group can provide and install all types of boilers that are available in the market place. We provide install and service boilers to facilities ranging from laboratories, hospitals and office buildings.

Brand Name(s)
- We can provide and install all brand names. Here are just a few of the brands we have worked with:
    - Fulton
    - Laars
    - Parker Boiler

Heating Medium (Electric, Gas, Steam, Hot Water)
- All available

Capacity Range (MBH)
- All available

Standard Warranty (Parts & Labor)
- We pass any manufacturer's warranty (typically 1 year parts/labor) on to the customer and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)
- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time
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Location of Manufacturing (City, State or Country)
- The manufacturers we typically work with are located throughout the US and abroad.

Range of Efficiencies
- All available

Estimated Market Share (North America)
- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided
- See below

Detail Features & Benefits
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Laars www.laars.com

LAARS® MIGHTY THERM® 2

200-400 SERIES

Residential and Light Commercial Boiler/Volume Water Heater

MADE IN AMERICA

LAARS® Heating Systems Company
A subsidiary of BRADFORD WHITE® Corporation

LAARS® MIGHTY THERM® 2

200, 300, 400

The Mighty Therm 2, 200 - 400 series boiler and volume water heater is available in 200, 300 and 400 MBH sizes. It operates at an environmentally friendly 85% efficiency and has low 10 ppm NOx emissions.

Laars Heating Systems designed the Mighty Therm 2, 200-400 series, to be easy to use, install and maintain. It comes with advanced control programming including a new auto set-point feature that automatically determines the boiler target temperature resulting in easier setup. The compact modular design, top or rear venting options and the ability to be installed either indoors or outdoors, results in installation flexibility.

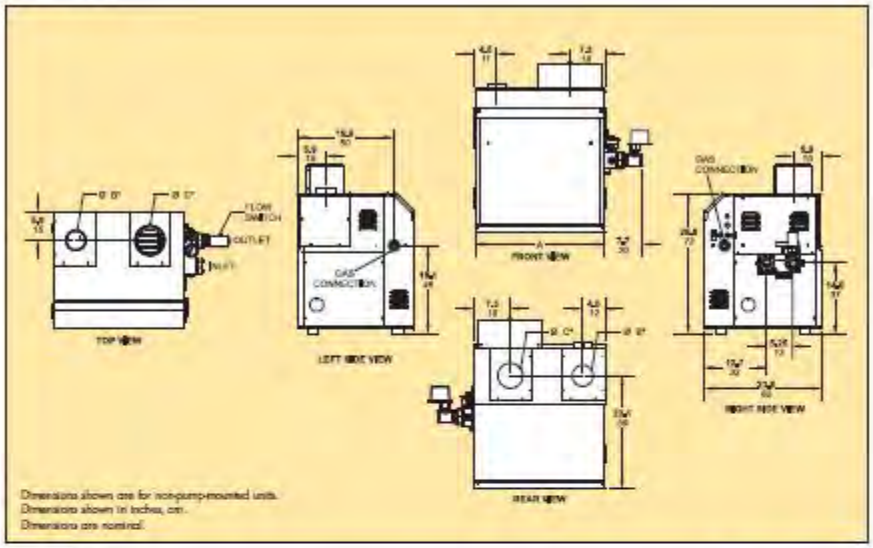
Standard features include hot surface ignition, on/off firing (optional two-stage firing available), an ASME 160 psi working pressure heat exchanger, flanged water connections, glass-lined headers with external header gaskets, stainless steel burners with removable burner tray, and a built-in fan for Category I or III vent systems..

STANDARD EQUIPMENT

- ASME 160 psi working pressure heat exchanger
- ASME "H" stamp (Optional "HLW" stamp for water heater, Low lead construction (MT2V)
- Flanged water connections
- Glass-lined headers
- External header gaskets
- Blocked vent switch
- 75 psi (517 kPa) ASME rated pressure relief valve (MT2H)
- 125 psi (861 kPa) ASME rated pressure relief valve (MT2V)
- Multiple operating gas valve/pressure regulators
- Temperature pressure gauge
- Manual "A" gas valve
- Intake air filter
- Stainless steel burners
- Built-in fan for Category I or III vent systems
- Air pressure switch
- Burner site glass
- 24V control system
- 115/24V transformer
- Flow switch
- Manual reset high limit
- Fusible link (size 200)
- Certified for indoor or outdoor use
- Hot surface ignition
- On/off toggle switch
- Pump time delay
- CSD-1 Compliant
- Less than 10 ppm NOx
- PI controller
- Outdoor reset with ratio adjustment
- Warm weather shutdown
- Indicator lights for power, heat call, domestic hot water and warm weather shutdown
- Automatic boiler differential
- Pump pre and post purge
- Inlet, outlet and supply sensors
- Codes for sensor errors

LAARS Heating Systems Company
A subsidiary of BRADFORD WHITE® Corporation

DIMENSIONS



Dimensions shown are for non-pump-mounted units.
Dimensions shown in inches, cm.
Dimensions are nominal.

DIMENSIONS

	A		Air Conn. B*		Vent Conn. C*		Horiz Vent Pipe	
Size	in.	cm	in.	cm	in.	cm	in.	cm
200	25½	52	4	10	5	13	4	10
300	26½	67	4	10	6	15	5	13
400	33½	85	6	15	7	18	6	15

*Air and vent connections may be on top or back of the Mighty Therm 2, and are field convertible.

EFFICIENCY DATA

Model	Thermal	A.F.U.E.
MT2H200	N/A	85.1
MT2H300	N/A	85.1
MT2H400	85.2	N/A
MT2V200	85.0	N/A
MT2V300	85.0	N/A
MT2V400	85.0	N/A

SIZING DATA

	Input MT2H		Output MT2H		Input MT2V		Output MT2V		Gas Conn. Size Inches	Water Conn. Size Inches	Shipping Weight	
Size	MBH	kW	MBH	kW	MBH	kW	MBH	kW			lbs.	kg
200	200.0	58.6	170.0	50.4	199.9	58.6	169.9	49.8	¾ NPT	1½ NPT	270	123
300	299.9	87.9	255.0	74.7	300.0	87.9	255.0	74.7	¾ NPT	1½ NPT	300	136
400	399.9	117.2	339.9	99.6	399.9	117.2	339.9	99.6	1¼ NPT	1½ NPT	330	150

NOTES:
1. Input and output must be derated 4% per 1000 feet above sea level when installed above 2000 feet altitude.
2. Dimensions are nominal.
3. For other boiler ratings:
   Boiler Horsepower: HP = Output/33,475
   Radiation Surface: EDR sq. ft. = Output/150
   IBR sq. ft. = Net IBR/150
4. Add 20 lbs. (9kg) to shipping weight for pump-mounted units.

HVAC Specialty Products

Type (e.g., modular, outside/inside, S&T Heat Recovery, Humidity Control, Heat Wheel, Heat Pipe, Heat Exchangers)

- CS Group has provided multiple types of HVAC specialty products in many different types of environments and customer applications. These customers range from complicated industrial and critical applications to as simple as a general office building.

Brand Name(s)

- We can provide and install any brand name that exists within the market place that makes sense to customer's application within this category. Here are a few brand names we have worked with:
    - Carrier
    - Bard
    - LG
    - Taco
    - Alfa Laval
    - Greenheck
    - Lennox

Heating Medium (Electric, Gas, Steam, Hot Water)

- All available

Cooling Medium (DX, Chilled Water)

- All available

Capacity Range (CFM and/or MBH)

- All available

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty on to the customer (Typically 1 year parts/labor) and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- In custom situations lead/delivery times in this category can range from 4 to 12 weeks. If the need is great we typically can expedite an order but additional costs would apply. In non-custom applications the lead/delivery time can vary from 1 to 4 weeks depending on shipping and availability from the given manufacturer.

Location of Manufacturing (City, State or Country)

- The manufacturers we typically work with are located throughout the US and abroad.

Range of Efficiencies

- We support all available efficiency ranges

Estimated Market Share (North America)

- We provide multiple products/brands in this category so a North American market share does not apply.

Provide example data on each type of product provided

- See below

Detail Features & Benefits

- Keep in mind this is just a small sample of the products that CS Group can provide through the multiple vendors/wholesalers who our company is affiliated. More details can be found at the websites of each vendor.

CSGroup HVAC/R Services

Chiller Services

Equipment Parts and Supplies

Type (e.g., manufactured parts, emergency parts service, miscellaneous material and supplies and other)

- In the HVAC world there are numerous parts and material brands in multiple categories. With our diverse customer base we have access to parts from all manufactures and brand names. In an emergency situation we carry stock in our service vehicles and can obtain after hours parts from our many local parts wholesalers.

Brand Name(s) stocked

- This question is very broad. As an example here is the brand name list of just one of our many wholesale parts locations:

A
Accu-Stat »
Acme »
Advance Controls »
Airserco »
Allen- Bradley »
Ameri-vent »
AO Smith »
Appion »
Aprilaire »
Armaflex »
Armstrong »
ATC »
Atlas »

B
Bacharach »
Baldor »
BAPI »
Baso »
Beckett »
Beckett Oil »
Belden »
Bellimo »
Bell & Gossett »
Bohn »
Brady »
Broan »
Browning »
Burma »
Bussman »

C
C&D »
Cam-stat »
Camco »
Carrier »
Case »
Case Parts »
Catamount »
Chandler »
Chevron »
Chill-Tek »
Cooper »
Copeland »
Cps »
Crc »
Crown »
Cypress »

D
Danfos »
Deflecto »
Delavan »
Deltatrack »
Design Polymerics »
Dgiogik »
Dial »
Diversitech »
Dongan »
Dormont »
Dottie »
Doucette »
Drainview »
Duralast »
Dwyer »

E
Easy Air »
Eaton »
Eco-Air »
Elsie »
Embraco »
Emerson »
Emerson Vent »
Eramco »
Evco »
Everpure »
EZ-trap »

F
Fasco »
Fieldpiece »
Filter Base »
Fireye »
Fisher »
Five »
Flambeau »
Flippen »
Fluke »
Fujitsu »
Functional Devices »
Furnas »
Furon Dekoron »

G
GE »
General Filter »
Glasfloss »
Goldline »
Gould »
Grainger »
Grasslin »

H
Hammond »
Hankison »
Hansen »
Hardcast »
Harris »
Hartell »
Henry »
Henry Mastic »
Hoffman »
Hoffman Controls »
Hoffman Specialties »
Honeywell »
Hoshizaki »
Howe »
Hubbell »

I
ICM »
Idec »
Inficon »
Ingram »
Intermatic »

J
Jacks Evans »
JB »
Jefferson »
Johnson Controls »
JT&T »

K
KELE »
Kendal »
King »
Klein »
Kreuter »
Kulka »

L
Laco »
Lau »
Lectro »
Lift »
Little Giant »
Lochinvar »

M
Malco »
Mallory »
Mamac »
Maneurop »
Manitowoc »
Manning »
Mars »
Marsh »
Mason »
Matsushita »
Maxitrol »
McDonnell & Miller »
McMaster Carr »
Michigan Hanger »
Millrose »
Mitsubishi »
Mueller »

N
Nashua »
Newark »
Nibco »
Nordyne »
Nu-Calgon »

O
Omaron »
Omni-Temp »

P
Packard »
Packless »
Paktek »
Panduit »
Paragon »
Parker »
Parker Brass »
Pelican »
Pentair »
Peter's Plugs »
Polyair »
Polyken »
Premier »
Pro-Seal »
Promax »
Pyromation »

Q
Qwik »

R
Ranco »
Raychem »
Raypak »
RDM »
Rectorseal »
Refrigeration Hardware Supply »
Refrigeration Reaserch »
Refrigeration Specialties »
Relay In a Box »
Reznor »
Rigid »
Ritchie »
Roberts Manufacturing »
Robertshaw »
Robinair »
RSD »
Russell »
Ruud »
Rydlyme »

S
Save »
Schnieder »
Sealed Unit Parts »
Sensible Products »
Sherwood »
Shurtape »
Siemens »
Silent Glide »
Slim Duct »
Smd »
Snappy »
Soler & Palau »
Sperry »
Sporlan »
Square D »
Standard »
Stay-rite »
Sunray »
Superior »
Superseal »
System Sensor »

T
Taco »
Tecumseh »
Telemecanique »
Temprite »
Terrallux »
Therm-o-pan »
Thermal »
Thomas & Betts »
Tif »
Tiger »
Titeflex »
Truflex »
Turbo Torch »
Tutco »
Tyton »

U
Universal »
Uniweld »
US Motors »

V
Vally Tool »
Ventamatic »
Venture »
Veris »
Visonics »
Virginia »
Vulkem »

W
WA Baum »
Wagner »
Warrick »
Watsco »
Watts »
WD40 »
Webster »
Weiss »
Wesanco »
Westwood »
White Rodgers »
Wingert »
Winslow »

X
xpando »

Y
Yaskawa »

Location of stocking parts

- Each of our service vehicles contains a variety of stock that is specific to the types and brands of HVAC equipment being serviced or repaired. We also have relationships with various parts and manufacturers wholesale locations to obtain parts on demand.

Standard Warranty (Parts & Labor)

- We pass any manufacturer's warranty (generally 1 year parts 90 days labor) on to the customer and can provide extensions (parts/labor) to these based on the customers' requirements.

Optional Warranty (components covered & Labor)

- CS Group can provide optional (extended) warranties that cover all parts and labor on a given piece of equipment. We can provide these in addition to the typical manufacturer's warranty coverage.

Estimated Lead/Delivery Time

- If a part has to be ordered we can typically obtain it within a few days or less with expedited shipping. If a part has a longer lead time we can usually use a substitute brand that is available to place equipment back in operation.

Percentage of locally stocked parts to delivered parts

- We typically have 70% or better locally sourced parts to delivered parts.

Detail Features & Benefits

- The primary features and benefits of our parts supply process is that we review our customers' needs regularly to ensure that any key parts or materials that might be needed are located within our system. This allows us to have the right parts on hand when needed and also assists us in keeping our operating costs competitive.

Startup & Commissioning Services

Define process for validation of system or equipment operation to design

- Review drawings, sequence of operations and specifications of project.
- Review all relevant installation and operation manuals for equipment.
- Review all scope of work, submittal, and drawings for sub-contractors.
- Following proper startup of systems and equipment.
    - Meet with sub-contractor if needed.
    - Review equipment startup sheets.
    - Place system into each operating mode detailed in sequence of operations.
    - Verify all components operate as described in sequence of operations.
    - Verify equipment is performing as specified in all required modes.
    - Report all deficiencies to sub-contractor for correction.
    - Once any deficiencies are corrected repeat validation steps.
    - Complete validation and commissioning forms required.
- Consolidate all validation and commissioning documents then deliver to customer.

Type (e.g., equipment startups, system checkouts, control verification, retro commissioning, M & V verifications, rebate auditing, other)

- CS Group provides equipment startups, system checkouts, control verification and retro commissioning on all projects with these requirements. With M&V verifications and rebate auditing we would perform through a qualified consulting engineering firm.

List key personnel (factory, sub-contract, other)

- Our key personal will vary depending on type of facility and requirements of the project

References (public sector only)

- At this time we have no public sector references.

Case studies describing benefits of services

- At this time CS Group has not developed any case studies in this category.

Service & Maintenance

Type (e.g., preventative and full maintenance contracts, man-at attendance, remote monitoring, annuals, emergency services, regulatory compliance, cleaning (e.g., duct, coils and filters), scheduled maintenance (e.g., oil, chemical and vibration analysis) and other)

- CS Group provides all these types of services either directly or through a fully qualified subcontractor. CS Group directly performs the following:
  - Preventative and full maintenance contracts.
  - Man at attendance.
  - Annuals,
  - Emergency services.
  - Cleaning – coils, filters
  - Scheduled maintenance – oil, vibration analysis and other.
- Subcontracted items are as follows:
  - Duct cleaning
  - Chemicals (cooling tower water treatment)
  - Remote monitoring
  - Regulatory compliance

- Define processes for each type of service and/or maintenance of the system or the equipment
  - Equipment is identified by model# and serial# in contract and proposal.
  - Based on equipment type, weekly, monthly, quarterly, semi-annual, annual service tasks are listed.
  - Each piece of equipment is placed into a delivery plan and scheduled tasks are then planned out over the course of twelve months.
  - Based on equipment quantity and customer requirements we adjust the schedule to optimize facility uptime, seasonal needs and delivery costs.
  - Service reports are generated following each completed task and provided to customer. These reports can be delivered electronically and also available via a web portal.
  - Service management reviews overall performance with client as required.

List key personnel (factory, sub-contract, other)

- Our account managers and technical staff participate in the products and services processes as required. Our management reviews all documents and proposals prior to submission to a client.

References (public sector only)

- City of Glendale – Listed in reference section
- Tempe Union High School District – Listed in reference section
- As well as others…

Case studies describing benefits of services

- Currently CS Group has not developed a case study within this category.

Installation and Turnkey Contracting

Type (e.g., retrofit, new construction, energy retrofit, controls new- and upgrade and other)

- CS Group can provide subcontractors for any type of mechanical installation and or retrofit projects that exist.

Define processes for each type install of the system or the equipment

- If plans and specifications do not exist and are needed, CS Group would engage with an engineering firm to develop them with the client.
- Develop preliminary installation budgets with the client and initial rough proposals for the project.
- Finalize installation proposals and pricing with client.
- When approved we deploy our project management team to begin planning and scheduling the various tasks with both direct items and subcontractor items.
- Manage the execution of the project with the client and trades.
- Complete project and review outcome with client to ensure 100% completion.
- Turn over all applicable drawings, owner manuals, etc. to client.
- Warranty period begins.

Bonding and licensing capabilities

CS Group has bonding capabilities up to $1 Million

List key personnel (factory, sub-contract, other)

- Account Managers – Jack Metteer, Ray Blair
- Service Management – Mark Lutz, Donnie Craft
- Project Management – CS Group has a team of people that could be associated with a project.
- Our subcontracting partners.

References (public sector only)

- City of Glendale – Listed in reference section
- City of Denver – Listed in reference section
- As well as others…

Case studies describing benefits of services

- CS Group has not developed a case study on this service.

Warranty Services

Type (e.g., Extended parts & labor (define maximum number of years available), delayed start-up and other)

- CS Group provides extended parts and labor warranties on all types of mechanical equipment. Typically we provide this service through a multiyear contract that provides service and repair labor within defined terms and conditions. We have the ability to offer multiple years of service in our contracts dependent on customers' needs. We can provide parts and labor repair coverage on all equipment types and ages.
- "define maximum number of years available" – If this refers to equipment age, we can provide extended parts and labor warranties for as long as the parts are available (new or refurbished) for a given piece of equipment. Generally speaking, as equipment ages the cost of these warranties grow. As this occurs life cycle questions arise and we work with clients constantly to address replacement budgets.
- With delayed startup projects we will generally request an alternate (future) startup date from the manufacturer. If this option isn't available we can provide delayed startup warranties to a client upon request.

Define processes for each type of warranty

- Equipment is placed into service and repair contract and 90 day inspection period begins.
- If equipment is not new then it will be inspected to verify proper operation in the first 90 days (If equipment is exiting a manufacturer warranty this does not apply). If operation is not normal the service and repair contract will be reviewed with client unless equipment is brought up to acceptable operational condition by client.
- Once 90 day evaluation is complete and equipment is acceptable, CS Group performs all needed maintenance to prevent any failure while contract is in effect.
- If a failure occurs CS Group will provide any needed repair parts and labor to return equipment to normal operations.

List key personnel (factory, sub-contract, other)

- Our technical staff, dispatch, parts ordering, and service management team reviews the equipment being covered and history to determine coverage and costs.

References (public sector only)

- City of Denver – Listed in references
- City of Glendale – Listed in references
- As well as others…

Case studies describing benefits of services

- At this time CS Group has not developed any case studies in this category.

Energy Services

Type (e.g., (Energy Tracking, Energy Analysis, Evaluation of Potential Upgrades, demand response, rebates and others)

- When CS Group engages with a client we are always looking for potential equipment energy savings that might qualify for utility rebates or improve return on investment (ROI). With detailed energy tracking, analysis we would utilize a qualified engineering firm for these aspects.

Define processes for each type of energy services

- Energy Services Process:
  - Sales and technical staff review building operations, equipment age and conditions. Determine if detailed analysis is required and engage engineering firm if needed.
  - Review if any rebate programs exist.
  - Determine cost of retrofitting equipment and possible ROI of project.
  - If client wishes to move forward apply for utility rebates. If rebates are not available and if they are used in the initial ROI calculation review updated ROI with client for approval.
  - If projects are approved then execute project.
  - Perform measurement and verification (M&V) for utility (if needed) and submit for customer rebate.
  - Follow up with client over time to review project performance and energy savings recognized.

Certifications of personnel

-We can involve engineering firms with more advanced certifications and credentials in support of this product/service.

List key personnel (factory, sub-contract, other)

- We utilize outside engineering firms that specialize and are high qualified in this category.

References (public sector only)

- At this time we do not have any public references within this category.

Case studies describing benefits of services

- At this time CS Group has not developed any case studies in this category.

Equipment Rentals

Type (e.g., chillers, pumps, transformers, terminal units, generators, cooling towers, packaged unitary and other)

- CS Group provides rental equipment through its subcontractor relationships. We work with United Rentals, Carrier Rentals, Aggreko and other rental providers based on the type of equipment needed and what equipment is available at time of need.

Brands available

- All brands are available.

Locations of rental fleet

- Primarily rental equipment is placed in our Colorado and Arizona.

Process of accessing rental fleet during disaster event

- In a disaster situation equipment can become scarce depending on the nature and severity of the disaster. With clients that might need to operate in a disaster we recommend having a disaster plan in place. The disaster plan would include any needed temporary power, cooling, etc. and CS Group can provide these plans to customers.

List key personnel (factory, sub-contract, other)

- Our service dispatch and management folks receive any requests for this service and engage our subcontractors and technical staff to deploy this product/service.
- We can utilize any of the following providers as well as others in the market.
    - United Rentals
    - Carrier Rentals
    - Aggreko

References (public sector only)

- At this time we do not have any public references within this category

Case studies describing benefits of services

- CS Group has not developed a case study on this service.

Financial Services

Type (e.g., leasing, prompt and pre-payment discounts, guaranteed savings and other)

- Leasing and project financing can be made available to a client through a third party service.
- Prompt and pre-payment discounts are made on a case by case basis that is typically determined by the size and type of project. Generally a 1% or .5% Net 10 or Net 15 can be made available dependent on the given project or service.
- CS Group has not provided any guaranteed savings or performance contracting options to our clients. Should an opportunity arise to work with the right client in this category we would consider implementing this type of service offering.

Describe type of each funding and availability

- Any leasing or project financing would be through any third party that is acceptable to both CS Group and the customer. Fund availability is dependent on customer credit worthiness.

Funding Sources (internal and/or external)

- All funding would be external.

List key personnel (internal and/or external)

- CS Groups leadership team
- Third party financial representatives

References (public sector only)

- At this time we do not have any public references within this category

Case studies describing benefits of services

- At this time CS Group has not developed any case studies in this category.

Professional Services

Type (e.g., Engineering, Design, Drafting, Architectural, Project Management and other)

- CS Group currently provides these types of services through either a subcontracting or consulting agreement with qualified firms. Our theory is that we are better served using a professional firm that specializes in these fields.

Describe type of each professional service and availability

- Through our relationships we can provide any type of professions service a client might need. Availability is dependent on the type of service required.

Licensing and certification capabilities

- All available

List key personnel (internal and/or external)

- CS Groups leadership team
- External engineering firm

References (public sector only)

- At this time we do not have any public references within this category

Case studies describing benefits of services

- CS Group has not developed any case studies on this service.

Site Surveys

Type (e.g., Equipment, system analysis, operational, architectural and other)

- CS Group can provide equipment surveys to document existing building conditions and equipment life cycles. This also includes system analysis and operational surveys. We can provide any architectural, structural and other types of site surveys would be performed through a qualified and licensed engineering firm that we work with regularly.

Describe type of survey

- We consult with customers to determine what systems within their facility need to be addressed and then build custom surveys to gather information to address any issues found. Here are just a few of the possible types:
  - Equipment conditions and life cycle analysis
  - System Analysis
  - Operational analysis

Licensing and certification capabilities

- We are a fully licensed HVAC firm and will engage with licensed and qualified architectural firms when needed.

Advanced technology uses for each type of survey

- We would utilize FLIR technology for thermal imaging as well as advanced digital meters to measure power when applicable to a survey. Any other technology that might exist for a survey could be deployed if needed.

List key personnel (internal and/or external)

- CS Groups account management and technical staff along with the qualified engineering and architectural firms.

References (public sector only)

- At this time we do not have any public references within this category

Case studies describing benefits of services

CS Group has not developed any case studies within this category.

TAB 8
Value Added Products and Services

REQUEST FOR PROPOSAL 32-21

Tab 8 – Value Added Products and Services

Include any additional products and/or services available that vendor currently performs in their normal course of business that is not included in the scope of the solicitation that you think will enhance and add value to this contract for Region 14 ESC and all NCPA participating entities.

Executive Summary

- Describe the product and/or service in an outline format
- Describe the value to participating agencies
- Describe the value to NCPA
- Describe how your company would market this product and/or service through this contract
- Provide an anticipated size of the market for this product and/or service in the public arena

Detail Description

- Where is the product manufactured?
- Any certifications provided?
- Where is the service performed?
- Who performs the service and what is their expertise?
- Is this a proprietary product and, if not, who is your competition?
- Provide references
- Provide case studies
- Provide any pricing that is different than the pricing in appendix C in this solicitation

CS Group has a affiliate company; Chiller Services, Inc. that would perform any work needed throughout the State of Arizona. The affiliate company would provide all the same services and honor all the same pricing structure and guidelines under the CS Group, Inc. umbrella.

TAB 9
Required Documents

Tab 9 – Required Documents

- Clean Air and Water Act / Debarment Notice
- Contractors Requirements
- Antitrust Certification Statements
- Required Clauses for Federal Funds Certifications
- Required Clauses for Federal Assistance by FTA
- State Notice Addendum

Clean Air and Water Act & Debarment Notice

I, the Vendor, am in compliance with all applicable standards, orders or regulations issued pursuant to the Clean Air Act of 1970, as Amended (42 U.S. C. 1857 (h), Section 508 of the Clean Water Act, as amended (33 U.S.C. 1368), Executive Order 117389 and Environmental Protection Agency Regulation, 40 CFR Part 15 as required under OMB Circular A-102, Attachment O, Paragraph 14 (1) regarding reporting violations to the grantor agency and to the United States Environment Protection Agency Assistant Administrator for the Enforcement.

I hereby further certify that my company has not been debarred, suspended or otherwise ineligible for participation in Federal Assistance programs under Executive Order 12549, "Debarment and Suspension", as described in the Federal Register and Rules and Regulations

Potential Vendor	CS Group, Inc.
Print Name	Raymond Blair
Address	8250 Park Meadows Dr #100
City, Sate, Zip	Lone Tree, CO 80124
Authorized signature	Raymond Blair
Date	11/16/21

Contractor Requirements

Contractor Certification
Contractor's Employment Eligibility

By entering the contract, Contractor warrants compliance with the Federal Immigration and Nationality Act (FINA), and all other federal and state immigration laws and regulations. The Contractor further warrants that it is in compliance with the various state statues of the states it is will operate this contract in.

Participating Government Entities including School Districts may request verification of compliance from any Contractor or subcontractor performing work under this Contract. These Entities reserve the right to confirm compliance in accordance with applicable laws.

Should the Participating Entities suspect or find that the Contractor or any of its subcontractors are not in compliance, they may pursue any and all remedies allowed by law, including, but not limited to: suspension of work, termination of the Contract for default, and suspension and/or debarment of the Contractor. All costs necessary to verify compliance are the responsibility of the Contractor.

The offeror complies and maintains compliance with the appropriate statutes which requires compliance with federal immigration laws by State employers, State contractors and State subcontractors in accordance with the E-Verify Employee Eligibility Verification Program.

Contractor shall comply with governing board policy of the NCPA Participating entities in which work is being performed

Fingerprint & Background Checks

If required to provide services on school district property at least five (5) times during a month, contractor shall submit a full set of fingerprints to the school district if requested of each person or employee who may provide such service. Alternately, the school district may fingerprint those persons or employees. An exception to this requirement may be made as authorized in Governing Board policy. The district shall conduct a fingerprint check in accordance with the appropriate state and federal laws of all contractors, subcontractors or vendors and their employees for which fingerprints are submitted to the district. Contractor, subcontractors, vendors and their employees shall not provide services on school district properties until authorized by the District.

The offeror shall comply with fingerprinting requirements in accordance with appropriate statutes in the state in which the work is being performed unless otherwise exempted.

Contractor shall comply with governing board policy in the school district or Participating Entity in which work is being performed

Business Operations in Sudan, Iran

In accordance with A.R.S. 35-391 and A.R.S. 35-393, the Contractor hereby certifies that the contractor does not have scrutinized business operations in Sudan and/or Iran.

Authorized signature Raymond Blair

Date 11/16/2021

CSGroup HVAC/R Services

Chiller Services

Antitrust Certification Statements (Tex. Government Code § 2155.005)

I affirm under penalty of perjury of the laws of the State of Texas that:

(1) I am duly authorized to execute this contract on my own behalf or on behalf of the company, corporation, firm, partnership or individual (Company) listed below;

(2) In connection with this bid, neither I nor any representative of the Company has violated any provision of the Texas Free Enterprise and Antitrust Act, Tex. Bus. & Comm. Code Chapter 15;

(3) In connection with this bid, neither I nor any representative of the Company has violated any federal antitrust law; and

(4) Neither I nor any representative of the Company has directly or indirectly communicated any of the contents of this bid to a competitor of the Company or any other company, corporation, firm, partnership or individual engaged in the same line of business as the Company.

Company name	CS Group, Inc.
Address	8250 Park Meadows Dr #100
City/State/Zip	Lone Tree, CO 80124
Telephone No.	303-781-3030
Fax No.	303-762-6476
Email address	R.blair@chillerservices.com
Printed name	Raymond Blair
Position with company	Operations Manager
Authorized signature	Raymond Blair

Required Clauses for Federal Funds Certifications

Participating Agencies may elect to use federal funds to purchase under the Master Agreement. The following certifications and provisions may be required and apply when a Participating Agency expends federal funds for any purchase resulting from this procurement process. Pursuant to 2 C.F.R. § 200.326, all contracts, including small purchases, awarded by the Participating Agency and the Participating Agency's subcontractors shall contain the procurement provisions of Appendix II to Part 200, as applicable.

APPENDIX II TO 2 CFR PART 200

(A) Contracts for more than the simplified acquisition threshold currently set at $150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

(B) Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of $10,000)

(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 CFR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

Pursuant to Federal Rule (C) above, when a Participating Agency expends federal funds on any federally assisted construction contract, the equal opportunity clause is incorporated by reference herein.

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non- Federal entity must

report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended— Contracts and subgrants of amounts in excess of $150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

(H) Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding $100,000

must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

RECORD RETENTION REQUIREMENTS FOR CONTRACTS INVOLVING FEDERAL FUNDS

When federal funds are expended by Participating Agency for any contract resulting from this procurement process, offeror certifies that it will comply with the record retention requirements detailed in 2 CFR § 200.333. The offeror further certifies that offeror will retain all records as required by 2 CFR § 200.333 for a period of three years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

CERTIFICATION OF COMPLIANCE WITH THE ENERGY POLICY AND CONSERVATION ACT

When Participating Agency expends federal funds for any contract resulting from this procurement process, offeror certifies that it will comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6321 et seq.; 49 C.F.R. Part 18).

CERTIFICATION OF COMPLIANCE WITH BUY AMERICA PROVISIONS

To the extent purchases are made with Federal Highway Administration, Federal Railroad Administration, or Federal Transit Administration funds, offeror certifies that its products comply with all applicable provisions of the Buy America Act and agrees to provide such certification or applicable waiver with respect to specific products to any Participating Agency upon request. Purchases made in accordance with the Buy America Act must still follow the applicable procurement rules calling for free and open competition.

Required Clauses for Federal Assistance provided by FTA

ACCESS TO RECORDS AND REPORTS

Contractor agrees to:

a) Maintain all books, records, accounts and reports required under this Contract for a period of not less than three (3) years after the date of termination or expiration of this Contract or any extensions thereof except in the event of litigation or settlement of claims arising from the performance of this Contract, in which case Contractor agrees to maintain same until Public Agency, the FTA Administrator, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto.

b) Permit any of the foregoing parties to inspect all work, materials, payrolls, and other data and records with regard to the Project, and to audit the books, records, and accounts with regard to the Project and to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed for the purpose of audit and examination.

FTA does not require the inclusion of these requirements of Article 1.01 in subcontracts. Reference 49 CFR 18.39 (i)(11).

CIVIL RIGHTS / TITLE VI REQUIREMENTS

1) Non-discrimination. In accordance with Title VI of the Civil Rights Act of 1964, as amended, 42 U.S.C. § 2000d, Section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, Section 202 of the Americans with Disabilities Act of 1990, as amended, 42 U.S.C. § 12132, and Federal Transit Law at 49 U.S.C. § 5332, Contractor or subcontractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, marital status age, or disability. In addition, Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.

2) Equal Employment Opportunity. The following Equal Employment Opportunity requirements apply to this Contract:

   a. Race, Color, Creed, National Origin, Sex. In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, and Federal Transit Law at 49 U.S.C. § 5332, the Contractor agrees to comply with all applicable Equal Employment Opportunity requirements of U.S. Dept. of Labor regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor, 41 CFR, Parts 60 et seq., and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of this Project. Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, creed, national origin, sex, marital status, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, Contractor agrees to comply with any implementing requirements FTA may issue.

   b. Age. In accordance with the Age Discrimination in Employment Act (ADEA) of 1967, as amended, 29 U.S.C. Sections 621 through 634, and Equal Employment Opportunity Commission (EEOC) implementing regulations, "Age Discrimination in Employment Act", 29 CFR Part 1625, prohibit employment discrimination by Contractor against individuals on the basis of age, including present and prospective

employees. In addition, Contractor agrees to comply with any implementing requirements FTA may issue.

c. Disabilities. In accordance with Section 102 of the Americans with Disabilities Act of 1990, as amended (ADA), 42 U.S.C. Sections 12101 *et seq.*, prohibits discrimination against qualified individuals with disabilities in programs, activities, and services, and imposes specific requirements on public and private entities. Contractor agrees that it will comply with the requirements of the Equal Employment Opportunity Commission (EEOC), "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 CFR, Part 1630, pertaining to employment of persons with disabilities and with their responsibilities under Titles I through V of the ADA in employment, public services, public accommodations, telecommunications, and other provisions.

d. Segregated Facilities. Contractor certifies that their company does not and will not maintain or provide for their employees any segregated facilities at any of their establishments, and that they do not and will not permit their employees to perform their services at any location under the Contractor's control where segregated facilities are maintained. As used in this certification the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion or national origin because of habit, local custom, or otherwise. Contractor agrees that a breach of this certification will be a violation of this Civil Rights clause.

3) Solicitations for Subcontracts, Including Procurements of Materials and Equipment. In all solicitations, either by competitive bidding or negotiation, made by Contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by Contractor of Contractor's obligations under this Contract and the regulations relative to non-discrimination on the grounds of race, color, creed, sex, disability, age or national origin.

4) Sanctions of Non-Compliance. In the event of Contractor's non-compliance with the non-discrimination provisions of this Contract, Public Agency shall impose such Contract sanctions as it or the FTA may determine to be appropriate, including, but not limited to: 1) Withholding of payments to Contractor under the Contract until Contractor complies, and/or; 2) Cancellation, termination or suspension of the Contract, in whole or in part.

Contractor agrees to include the requirements of this clause in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.

DISADVANTAGED BUSINESS PARTICIPATION

This Contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26, "*Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs"*, therefore, it is the policy of the Department of Transportation (DOT) to ensure that Disadvantaged Business Enterprises (DBEs), as defined in 49 CFR Part 26, have an equal opportunity to receive and participate in the performance of DOT-assisted contracts.

1) Non-Discrimination Assurances. Contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Contract. Contractor shall carry out all applicablerequirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or other such remedy as public agency deems appropriate. Each subcontract Contractor signs with a subcontractor must include the assurance in this paragraph. (See 49 CFR 26.13(b)).

2) Prompt Payment. Contractor is required to pay each subcontractor performing Work under this prime Contract for satisfactory performance of that work no later than thirty (30) days after Contractor's receipt of payment for that Work from public agency. In addition, Contractor is required to return any retainage payments to those subcontractors within thirty (30) days after the subcontractor's work related to this Contract is satisfactorily completed and any liens have been secured. Any delay or postponement of payment from the above time frames may occur only for good cause following written approval of public agency. This clause applies to both DBE and non-DBE subcontractors. Contractor must promptly notify public agency whenever a DBE subcontractor performing Work related to this Contract is terminated or fails to complete its Work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. Contractor may not terminate any DBE subcontractor and perform that Work through its own forces, or those of an affiliate, without prior written consent of public agency.

3) DBE Program. In connection with the performance of this Contract, Contractor will cooperate with public agency in meeting its commitments and goals to ensure that DBEs shall have the maximum practicable opportunity to compete for subcontract work, regardless of whether a contract goal is set for this Contract. Contractor agrees to use good faith efforts to carry out a policy in the award of its subcontracts, agent agreements, and procurement contracts which will, to the fullest extent, utilize DBEs consistent with the efficient performance of the Contract.

ENERGY CONSERVATION REQUIREMENTS

Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plans issued under the Energy Policy and Conservation Act, as amended, 42 U.S.C. Sections 6321 *et seq.* and 41 CFR Part 301-10.

FEDERAL CHANGES

Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Contract between public agency and the FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this Contract.

INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS

The provisions include, in part, certain Standard Terms and Conditions required by the U.S. Department of Transportation (DOT), whether or not expressly set forth in the preceding Contract provisions. All contractual provisions required by the DOT, as set forth in the most current FTA Circular 4220.1F, dated November 1, 2008, are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Contract. Contractor agrees not to perform any act, fail to perform any act, or refuse to comply with any public agency requests that would cause public agency to be in violation of the FTA terms and conditions.

NO FEDERAL GOVERNMENT OBLIGATIONS TO THIRD PARTIES

Agency and Contractor acknowledge and agree that, absent the Federal Government's express written consent and notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying Contract, the Federal Government is not a party to this Contract and shall not be subject to any obligations or liabilities to agency, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter

resulting from the underlying Contract.

Contractor agrees to include the above clause in each subcontract financed in whole or in part with federal assistance provided by the FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS

Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. §§ 3801 et seq. and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 CFR Part 31, apply to its actions pertaining to this Contract. Upon execution of the underlying Contract, Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to me made, pertaining to the underlying Contract or the FTA assisted project for which this Contract Work is being performed.

In addition to other penalties that may be applicable, Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on Contractor to the extent the Federal Government deems appropriate.

Contractor also acknowledges that if it makes, or causes to me made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. § 5307, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307 (n)(1) on the Contractor, to the extent the Federal Government deems appropriate.

Contractor agrees to include the above clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

State Notice Addendum

The National Cooperative Purchasing Alliance (NCPA), on behalf of NCPA and its current and potential participants to include all county, city, special district, local government, school district, private K-12 school, higher education institution, state, tribal government, other government agency, healthcare organization, nonprofit organization and all other Public Agencies located nationally in all fifty states, issues this Request for Proposal (RFP) to result in a national contract.

For your reference, the links below include some, but not all, of the entities included in this proposal:

http://www.usa.gov/Agencies/State_and_Territories.shtml

https://www.usa.gov/local-governments