



STATE OF OHIO
DEPARTMENT OF ADMINISTRATIVE SERVICES
GENERAL SERVICES DIVISION
OFFICE OF PROCUREMENT SERVICES
4200 SURFACE ROAD, COLUMBUS, OH 43228-1395

MANDATORY USE CONTRACT FOR: SOLID CHEMICAL WATER TREATMENT

CONTRACT NUMBER: CSP905016

EFFECTIVE DATES: 04/15/2016 TO 04/30/2019

The Department of Administrative Services has accepted Proposals submitted in response to Request for Proposal (RFP) No. CSP905016 that opened on 02/26/2016. The evaluation of the Proposal responses has been completed. The Offeror listed herein has been determined to be the highest ranking Offeror and has been awarded a Contract for the services listed. The respective Proposal response including, Contract Terms & Conditions, any Proposal amendment, special Contract Terms & Conditions, specifications, pricing schedules and any attachments incorporated by reference and accepted by DAS become a part of this Services Contract.

This Requirements Contract is effective beginning and ending on the dates noted above unless, prior to the expiration date, the Contract is renewed, terminated, or cancelled in accordance with the Contract Terms and Conditions.

This Requirements Contract is available to the Ohio Department of Administrative Services, Office of Properties and Facilities as applicable.

The agency is eligible to make purchases of the contracted services in any amount and at any time as determined by the agency. The State makes no representation or guarantee that department will purchase the volume of services as advertised in the Request for Proposal.

This Requirements Contract and any Amendments thereto are available from the DAS Web site at the following address:

www.ohio.gov/procure

1.4 SCOPE OF WORK The Office of Properties and Facilities (OPF) has centralized heating & cooling systems that provide year round services to the following buildings:

Street	City, State	Zip	Building Name
161 S. High St.	Akron, OH	44309	Ocasek Government Office Building
358 N. Parkview	Bexley, OH	43209	The Governor's Residence,
615 W. Superior Ave.	Cleveland, OH	44113	Lausche State Office Building
30 E. Broad St.	Columbus OH	43215	Rhodes State Office Tower
25 S. Front St.	Columbus, OH	43215	Ohio Department of Education
35 E. Chestnut St.,	Columbus, OH	43215	North High Complex - Chestnut
4200 Surface Rd.	Columbus, OH	43228	General Services Division
77 S. High St.	Columbus, OH	43215	Riffe Center for Government and Arts
640 Jackson St.	Toledo, OH	43604	DiSalle Government Center

Water treatment chemicals shall be in solid form to significantly reduce space and weight for shipping, handling and storing; mitigate risk of injury compared to handling 120- to 500-pound drums of liquid; eliminate the risk of spills and leaks posed by hazardous liquids; eliminate the need for any containment; and save water and labor by eliminating the EPA requirement to triple-rinse empty liquid chemical drums.

The contractor shall provide professional water treatment services that include: inspection, chemical analysis, testing, treatment, and the use of solid blend technologies providing "green" solid water treatment chemicals and test kits, associated with scale, corrosion, fouling and microbiological growth. Included in this contract should be any costs associated with new dissolver dispensing systems, controls and chemical pumps needed in accordance with the manufactures flow rate, along with any and all maintenance and service of said systems, controls and pumps that will remain under the ownership of the contractor. A factory representative from APTech or Endursolv needs to verify in writing that the selected water treatment contractor has installed the dispensing systems, controls and pumps in accordance with the industry standard and are appropriate to the product being dispensed.

The contractor will be expected to provide knowledgeable service personnel, monitor program results, make appropriate recommendations with quantifiable justifications, train technical personnel, on the implementation & control of the program, and provide a written Haz-Com Plan applicable to the new OSHA standard that aligned with the Globally Harmonized System of Classification (GHS).

The contractor shall have a minimum of 10 years' experience utilizing the solid water treatment technology and have a Certified Water Technologist (CWT) on staff. In addition the contractor shall be a member in good standing with the Association of Water Technologists.

1.4.1. DETAILS

1.4.1.1. MONTHLY

- 1.4.1.1.1. Monthly service visits for chemical treatment inspection. Contractor must have service vehicles specifically for the purpose of Water Treatment Service, and shall be stocked with parts needed to repair and replace equipment as needed.
- 1.4.1.1.2. Perform chemical testing and control.
- 1.4.1.1.3. Inspect and verify that existing chemical pumps are sized to provide a minimum delivery rate of two (2) gallons per hour or as recommended by the solid chemical manufacturer. Replace pumps as needed.
- 1.4.1.1.4. Perform chemical pump maintenance and calibration of conductivity controller.
- 1.4.1.1.5. Conduct corrosion control and monitoring of HW Loops Boiler Systems and cooling tower condenser water loop systems at all facilities, during the heat/cooling season; corrosion will be maintained at less than 2 mil/yr. for steel 3 mil/yr., zinc and 0.2 mil/yr., for yellow metals.

1.4.1.2. QUARTERLY

All cooling water systems should be equipped with corrosion coupons and these coupons should be sent in for analysis on a regular quarterly basis. Most coupon racks allow for exposure of coupons representing the different alloys in the system. After a prescribed period of exposure, coupons are removed and fresh coupons inserted in their place. A regular rotation of coupons produces a continuous record of the system condition. Reports to be sent to the appropriate Facility Manager.

1.4.1.3. ANNUALLY

1.4.1.3.1. Annually prior to bringing the cooling tower into service for the season the contractor shall clean the cooling tower consisting of removal of dirt and organic growths (algae and slime) by physical and chemical means. The use of adequate detergents and disinfectants should be applied to the cooling tower and circulated for approximately 24 hours before being drained, flushed and refilled then tested. This work is only to be performed at 25 S. Front St and 35 E. Chestnut.

1.4.1.3.2. Conduct annual testing for Legionella Bacteria for each cooling tower condenser water loop system in the month of August. Testing must be performed by a "CDC Elite" laboratory. In the event of a positive report of > 100 CFU/ml legionella bacteria, the contractor shall clean system(s) using protocol established by ASHRAE Guideline 12 and AWT "Legionella, 2003 and re-test until a negative report is obtained. In the event of a positive report of > 1,000 CFU/ml legionella contractor shall follow protocol established by ASHRAE Guideline 12 and AWT "Legionella, 2003, and re-test until a negative report is obtained.

1.4.1.4. AS NEEDED

1.4.1.4.1. Provide required test kits for facility HVAC technicians to perform their bi-weekly biological testing and solid water treatment chemical amounts to properly dose cooling towers', boilers' and closed loop systems' water for corrosion, scaling and biological fouling.

1.4.1.4.2. The Facility Manager could call the contractor at any time if it is determined that there is a potential problem. The contractor's service technician shall be on site within 24 hours. DAS will not be billed for these service calls.

1.4.1.4.3. If the Facility Manager requests that the contractor provides technical support for a situation not covered by the Contract Scope of Work (SOW), the contractor may bill DAS at the hourly rates specified on the Cost Summary.

1.4.2. COOLING TOWER

1.4.2.1 Onsite training for relevant HVAC personnel to explain and demonstrate application processes. Training would include review of the SDS for each chemical used; safe use of equipment to be used with each chemical and the mixing and handling of chemicals.

1.4.2.2. Readiness for quick response on emergency situations.

1.4.2.3. The contractor will provide all appropriate chemicals to be used in all closed and open loop systems to maintain proper levels. Solid form water treatment chemicals shall be APTEch Group, Inc. EnduroSolv brand or approved equal.

1.4.3. GUIDELINES

- 1.4.3.1. Biocides must be registered with the Federal & State agencies responsible for their regulation. Biocides will have the appropriate drum labels indicating that they are registered for intended use. Should the biocide or other solid treatment fail to dissolve in the prescribed manner, it is the sole responsibility of the contractor and supplier to rectify, after consultation with DAS Facilities Managers and Engineers on best alternatives.
- 1.4.3.2. Labels will show approved label dosages for the registered use. All chemicals should have proper DOT shipping and identification on each of them.
- 1.4.3.3. Chemicals used in the steam boiler system will be registered with NSF. The use of hydrazine, chromate and sodium hypo-chloride are prohibited.
- 1.4.3.4. It is the contractor's responsibility to maintain an appropriate inventory of solid water treatment at each location; as well as delivering, handling and dispersing of chemical product.
- 1.4.3.5. All chemicals will be delivered via commercial cartage. The contractor shall retain ownership and recycling of empty canisters in accordance with the applicable guideline (s). Contractor shall supply and maintain on site all P.P.E. required I.A.W. OSHA regulations.
- 1.4.3.6. The contractor is responsible to ensure OSHA compliant storage practices at all chemical treatment sites.

1.4.4. REPORTING & SCHEDULING

- 1.4.4.1 SDS sheets must be provided for each chemical used, at each location, along with chemical submittals to be provided as a part of the bid package. SDS binders shall be mounted in the vicinity of chemical dispensing equipment.
- 1.4.4.2 Contractor should submit a written monthly report on its activities to the Facility Manager, engineer or assigned representative. Reports shall be submitted in electronic format no more than three days after the service is performed.
- 1.4.4.3 Reports should include operator chemical control sheet for each system.
- 1.4.4.4 Unless it is an urgent situation, the contractor should schedule the PM with the appropriate Facility Manager or representative.
- 1.4.4.5 Contractor shall maintain an updated on-site log to reflect the current water chemistry condition to be used by both the contractor and onsite personnel for recording test results and conditions.
- 1.4.4.6 Water treatment standards should be in compliance with the NFPA 214, Center for Disease Control (CDC), ASHRAE Guideline 12-2000, NACE and any other applicable guideline or regulatory agency.

COST SCHEDULE

TITLE SOLID CHEMICAL WATER TREATMENT
 RFP NUMBER CSP905016
 UNSPSC CATEGORY CODE: 83101500

OAKS ID NUMBER. 29554			
Ocasek Government Office Building 161 South High Street, Akron, OH 44309			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Boiler #1	RBI Water Model #3000	010952300	\$ 276.94 per mo.
Boiler #2	RBI Water Model #3000	040952908	\$ 276.94 per mo.
Chiller #1	York Model # YTG1A2C3 – CKJ	GBJM 040058	\$ 276.94 per mo.
Chiller #2	York Model # YTG1A2C3 – CKJ	GBJM 040059	\$ 276.94 per mo.
Total for Monthly Service			\$ 1,107.76 per mo.
Straight-Time Rate(7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

OAKS ID NUMBER. 29555			
Governor's Residence 358 Parkview, Bexley, OH 43209			
(NO.)	Make/Model	Serial #	
Boiler #1	Boiler (Greenhouse) Therm Boiler Model # HEHN 90 90,000 BTU	B0003274	\$ 129.55 per mo.
Boiler #2	Weil-Mclain LGB-13 1,560,000 BTU	Series #2	\$ 129.55 per mo.
Total for Monthly Service			\$ 259.00 per mo.
Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

OAKS ID NUMBER. 29556			
Lausche State Office Building 615 West Superior Avenue, Cleveland, OH 44113			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Boiler #1	RBI Water Model #4000	060850166	\$ 358.34 per mo.
Boiler #2	RBI Water Model #4000	060850167	\$ 358.34 per mo.
Chiller #1	York Model # YTJ3A4E1-CNH	GFEM132692	\$ 358.34 per mo.
Chiller #2	York Model # YTJ3A4E1-CNH	GFEM132693	\$ 358.34 per mo.
Total for Monthly Service			\$ 1,433.36 per mo.
Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

COST SCHEDULE

OAKS ID NUMBER. 29557			
North High Complex 35 East Chestnut, Columbus, OH 43215			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Boiler #1	Pacific Steam Model # P60A-4FS	209620	\$ 226.11 per mo.
Boiler #2	Pacific Steam Model # P60A-4FS	209616	\$ 226.11 per mo.
Boiler #3	Pacific Steam Model # P60A-4FS	209563	\$ 226.11 per mo.
Boiler #4	Pacific Steam Model # P60A-4FS	209621	\$ 226.11 per mo.
Boiler #5	Pacific Steam Model # P60A-4FS	209622	\$ 226.11 per mo.
Chiller #1	Carrier Model # 19XRV31323452CMH64	63524	\$ 226.11 per mo.
Chiller #2	Carrier Model# 19XRV3132345CMH64	63525	\$ 226.11 per mo.
Chiller #3	Carrier Model # 19XRV3132352CMS64	635264	\$ 226.11 per mo.
Total for Monthly Service			\$ 1,808.88 per mo.
Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

OAKS ID NUMBER. 29558			
Rhodes State Office Tower 30 East Broad Street Columbus, OH 43215			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Boiler #1	RBI Futera Boiler II / Trane Model 1950/ Building Heating Boilers		\$ 506.50 per mo.
Boiler #2	RBI Futera Boiler II / Trane Model 1250 State ID - 258524		\$ 506.50 per mo.
Cooling Tower	Marley 3,000 ton Serial I - NC-80255 A1 Serial I - NC-80255 A2 Serial I - NC-80255 A3 Serial I - NC-80255 A4 Serial I - NC-80255 A5 Serial I - NC-80255 A6 State ID 258517, 258518, 258519, 258520, 258521, 258525, 258526, 258527, 258528, 258529, 258530, 258531, 258532, 258533, 258534, 258535, 258536		\$ 506.50 per mo.
Chiller #1	Trane Model CVHF 910	LO1M13250	\$ 506.50 per mo.
Chiller #2	Trane Model CVHF910	LO1M1357	\$ 506.50 per mo.
Chiller #3	Trane Model CVHF 910	LO1M13265	\$ 506.50 per mo.
Chiller #4	Trane Model RTHB255FLF00NWPOO0UNN3LF2LFMFVA	U97E02019	\$ 506.50 per mo.
Total for Monthly Service			\$ 3,545.50 per mo.

Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

COST SCHEDULE

OAKS ID NUMBER. 29559			
Ohio Department of Education 25 South Front St., Columbus, OH 43215			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Chiller #1	Trane RTHC1D1F1F0F0F1L3F2LFVQUOD	U00E06870	\$ 366.86 per mo.
Chiller #2	RTHC1D1F0F0F1L3F2LFVQU0D	U00D06871	\$ 366.86 per mo.
Boiler #1	Cleaver Brooks (CB)	BT-6326	\$ 366.86 per mo.
Boiler #2	Cleaver Brooks (CB)	BT-6325	\$ 366.86 per mo.
Total for Monthly Service			\$ 1,467.44 per mo.
Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

OAKS ID NUMBER. 29560			
General Services Division 4200 Surface Road, Columbus, OH 43228			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Boiler #1	Knight Boiler Model# KBN210	J06H10019258	\$ 259.10 per mo.
Total for Monthly Service			\$ 259.10 per mo.
Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

OAKS ID NUMBER. 29561.			
Riffe Center for Government and Arts 77 South High Street, Columbus, OH 43215			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Boiler #1	Cleaver Brooks Model # CB700-126	L81353	\$ 302.31 per mo.
Boiler #2	Cleaver Brooks Model # CB700-200	L81355	\$ 302.31 per mo.
Boiler #3	Cleaver Brooks Model # CB700-200	L81356	\$ 302.31 per mo.
Boiler #4	Cleaver Brooks Model # CB700-126	L81354	\$ 302.31 per mo.
Boiler #5	Bryan Model # D450-W-125-FDG	82596	\$ 302.31 per mo.
Boiler #6	Bryan Model # D450-W-125-FDG	82595	\$ 302.31 per mo.
Chiller #1	Trane (1000 Ton) Model # CVHE089NAL2WB2621DE1E11DA1E000	L86J40406	\$ 302.31 per mo.
Chiller #2	Trane (1000 Ton) Model # CVHE089NAL2WB2621DE1E11DA1E000	L86J40407	\$ 302.31 per mo.
Chiller #3	Trane (500 Ton) Model # CVHE056NAL2NB2351DE1E11DA1E000	L86J40408	\$ 302.31 per mo.
Chiller #4	Trane (95.5 Ton) Model # CCACD114RDNKR60ACDFGRTP3	L8703143 & TS-251146	\$ 302.31 per mo.
Total for Monthly Service			\$ 3,023.10 per mo.
Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

COST SCHEDULE

OAKS ID NUMBER. . 29562			
DiSalle Government Center 640 Jackson Street, Toledo, OH 43604			
UNIT DESCRIPTION			SCHEDULED SERVICE MONTHLY COST
(NO.)	Make/Model	Serial #	
Boiler #1	Kewanee Cat# L3517500	DLG845	\$ 307.77 per mo.
Boiler #2	Kewanee Cat# L351700	DLG845	\$ 307.77 per mo.
Chiller #1	Trane CVT Model# CVHF049FA	LN99L04320M	\$ 307.77 per mo.
Chiller #2	Trane CVT Model # CVHF049FA	LN99L04319M	\$ 307.77 per mo.
Chiller #3	Carrier Model # 38JB024610	V392812	\$ 307.77 per mo.
Total for Monthly Service			\$ 1,538.85 per mo.
Straight-Time Rate (7:00AM-6:00PM, Monday through Friday, excluding Holidays)			\$ 75.00 per hr.
Overtime Rate (6:01PM-6:59AM, Holidays and weekends)			\$ 125.00 per hr.

**COST SCHEDULE -
 OPTIONAL EQUIPMENT ADDITIONS***

TITLE SOLID CHEMICAL WATER TREATMENT

RFP NUMBER CSP905016

UNSPSC CATEGORY CODE: 83101500

OAKS ID NUMBER. . 29563					
Ocasek Government Office Building 161 South High Street, Akron, OH 44309					
Part #	Description	Systems	Qty.	Price Each	Extended
ACR-20C	2 metal corrosion coupon rack (PVC)	Cooling tower & Glycol chilled loop	2	\$334.00	\$668.00
ACR-25C	2 metal corrosion coupon rack (Black Iron)	Heating loop	1	\$450.00	\$450.00
PF-DB-5HD	5 gallon filter feeder (must be added to use solid corrosion inhibitor sticks in heating loop)	Heating loop	1	\$501.00	\$501.00
P25A9.751SD	25 micron cartridge filters for filter feeder (25 per case)	Heating loop	1	\$133.50	\$133.50

Contractor's Statement - *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks, and filter feeder. We are able to use Solid Corrosion Inhibitor Sticks in the heating loop, a filter feeder must be installed for us to be able to make the addition of solid sticks.*Due to the chilled loop being glycol, we will not be able to use sticks in this system.

OAKS ID NUMBER. . 29564					
Governor's Residence 358 Parkview, Bexley, OH 43209					
Part #	Description	Systems	Qty	Price Each	Extended
ACR-25C	2 metal corrosion coupon rack (Black Iron)	Heating loop	1	\$450.00	\$450.00
PF-DB-5HD	5 gallon filter feeder (must be added to use solid corrosion inhibitor sticks in heating loop)	Heating loop	1	\$501.00	\$501.00
P25A9.751SD	25 micron cartridge filters for filter feeder (25 per case)	Heating loop	1	\$133.50	\$133.50
SFS-G01J	Solid Feed Dissolving Board	Heating loop	1	\$664.00	\$664.00
AWM-100	1" contacting head water meter	Heating loop	1	\$198.56	\$198.56
EHE31E1-VE	Chemical metering pump	Heating loop	1	\$1,325.00	\$1,325.00
NANO-F2	Microprocessor for automated chemical feed	Heating loop	1	\$390.00	\$390.00

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks, filter feeder, and automated chemical feed injection.

*We are able to use Solid Corrosion Inhibitor Sticks in the heating loop, a filter feeder must be installed for us to be able to make the addition of solid sticks.

*Due to this system having a leak, we are able to utilize a solid chemical feed station to attempt to maintain better corrosion inhibitor control.

*The services and cost listed above were not used in the evaluation process; however, the Contractor has provided the pricing that could be utilized during conversion of the systems to a solid form chemical treatments as needed.

**COST SCHEDULE -
 OPTIONAL EQUIPMENT ADDITIONS***

OAKS ID NUMBER. . 29565					
Lausche State Office Building 615 West Superior Avenue, Cleveland, OH 44113					
Part #	Description	Systems	Qty	Price Each	Extended
ACR-20C	2 metal corrosion coupon rack (PVC)	Both cooling towers	2	\$334.00	\$334.00

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks.

*Due to the size of the heating and chilled loops in this facility, we will need to use liquid corrosion inhibitor.

OAKS ID NUMBER. . 29566					
North High Complex 35 East Chestnut, Columbus, OH 43215					
Part #	Description	Systems	Qty	Price Each	Extended
ACR-20C	2 metal corrosion coupon rack (PVC)	Chilled loops	2	\$334.00	\$668.00
ACR-25C	2 metal corrosion coupon rack (Black Iron)	Heating loops	2	\$450.00	\$900.00
SFS-G01J	Solid Feed Dissolving Board	Heating loop	4	\$664.00	\$2,656.00
AWM-100	1" contacting head water meter	Heating loop	4	\$198.56	\$794.24
EHE31E1-VE	Chemical metering pump	Heating loop	4	\$1,325.00	\$5,300.00
NANO-F2	Microprocessor for automated chemical feed	Heating loop	4	\$390.00	\$1,560.00

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks, and automated chemical feed injection.

*Due to the size of the heating and chilled loop systems, we will need to use liquid corrosion inhibitor.

*Due to the heating and chilled loop systems having leaks, we are able to utilize a solid chemical feed station to attempt to maintain better corrosion inhibitor control.

OAKS ID NUMBER. 29567.					
Rhodes State Office Tower 30 East Broad Street Columbus, OH 43215					
Part #	Description	Systems	Qty	Price Each	Extended
ACR-25C	2 metal corrosion coupon rack (Black Iron)	Upper and lower Zone Heating loops	2	\$450.00	\$900.00
SFS-G01J	Solid Feed Dissolving Board	Chilled Loop	1	\$664.00	\$2,656.00
AWM-100	1" contacting head water meter	Chilled Loop	1	\$198.56	\$794.24
EHE31E1-VE	Chemical metering pump	Chilled Loop	1	\$1,325.00	\$5,300.00
NANO-F2	Microprocessor for automated chemical feed	Chilled Loop	1	\$390.00	\$1,560.00

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks, and automated chemical feed injection.

*Due to the size of the heating and chilled loop systems, we will need to use liquid corrosion inhibitor.

*Due to the chilled loop system having leaks, we are able to utilize a solid chemical feed station to attempt to maintain better corrosion inhibitor control.

*The services and cost listed above were not used in the evaluation process; however, the Contractor has provided the pricing that could be utilized during conversion of the systems to a solid form chemical treatments as needed.

**COST SCHEDULE -
 OPTIONAL EQUIPMENT ADDITIONS***

OAKS ID NUMBER. 29568.					
Ohio Department of Education 25 South Front St., Columbus, OH 43215					
Part #	Description	Systems	Qty	Price Each	Extended
ACR-20C	2 metal corrosion coupon rack (PVC)	Chilled loop systems	2	\$334.00	\$668.00
ACR-25C	2 metal corrosion coupon rack (Black Iron)	Heating loop	1	\$450.00	\$450.00
PF-DB-5HD	5 gallon filter feeder (must be added to use solid corrosion inhibitor sticks in heating loop)	Heating and chilled loops	3	\$501.00	\$1,503.00
P25A9.751SD	25 micron cartridge filters for filter feeder (25 per case)	Heating and chilled loops	1	\$133.50	\$133.50

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks, and filter feeders.
 *We are able to use Solid Corrosion Inhibitor Sticks in the heating loop and both chilled loops, a filter feeder must be installed for us to be able to make the addition of solid sticks.

OAKS ID NUMBER. 29569.					
General Services Division 4200 Surface Road, Columbus, OH 43228					
Part #	Description	Systems	Qty	Price Each	Extended
ACR-25C	2 metal corrosion coupon rack (Black Iron)	Heating loop	1	\$450.00	\$450.00
PF-DB-5HD	5 gallon filter feeder (must be added to use solid corrosion inhibitor sticks in heating loop)	Heating loop	1	\$501.00	\$501.00
P25A9.751SD	25 micron cartridge filters for filter feeder (25 per case)	Heating loop	1	\$133.50	\$133.50

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon rack, and filter feeder.
 *We are able to use Solid Corrosion Inhibitor Sticks in the heating loop, a filter feeder must be installed for us to be able to make the addition of solid sticks.

OAKS ID NUMBER. 29570					
Riffe Center for Government and Arts 77 South High Street, Columbus, OH 43215					
Part #	Description	Systems	Qty	Price Each	Extended
ACR-20C	2 metal corrosion coupon rack (PVC)	Upper chilled loop & Liebert close loop	2	\$334.00	\$668.00
PF-DB-5HD	5 gallon filter feeder (must be added to use solid corrosion inhibitor sticks in heating loop)	Heating loop	1	\$501.00	\$501.00
P25A9.751SD	25 micron cartridge filters for filter feeder (25 per case)	Heating loop	1	\$133.50	\$133.50

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks, and filter feeder.
 *We are able to use Solid Corrosion Inhibitor Sticks in the heating loop, a filter feeder must be installed for us to be able to make the addition of solid sticks.
 *We are able to use Solid Corrosion Inhibitor Sticks in the Liebert closed loop, this system currently has a screw top pot feeder so we are able to add solid corrosion inhibitor to this system as is.
 *Due to the upper chilled loop and main chilled loop being so large, we will need to treat these systems with our liquid corrosion inhibitor.
 *The services and cost listed above were not used in the evaluation process; however, the Contractor has provided the pricing that could be utilized during conversion of the systems to a solid form chemical treatments as needed.

COST SCHEDULE -
 OPTIONAL EQUIPMENT ADDITIONS*

OAKS ID NUMBER. 29571					
DiSalle Government Center 640 Jackson Street, Toledo, OH 43604					
Part #	Description	Systems	Qty.	Price Each	Extended
ACR-20C	2 metal corrosion coupon rack (PVC)	Cooling Tower, ACC-1 chilled loop, and main chilled loop	3	\$334.00	\$1,002.00
PF-DB-5HD	5 gallon filter feeder (must be added to use solid corrosion inhibitor sticks in heating loop)	ACC-1 chilled loop	2	\$501.00	\$501.00
P25A9.751SD	25 micron cartridge filters for filter feeder (25 per case)	ACC-1 chilled loop and main chilled loop.	1	\$133.50	\$133.50

Contractor's Statement *Please note: Shipping, taxes and installation is not included in the pricing for the optional equipment. Taps may need installed on the piping for the installation of the corrosion coupon racks, and filter feeder.

*We are able to use Solid Corrosion Inhibitor Sticks in the ACC-1 chilled loop, a filter feeder must be installed for us to be able to make the addition of solid sticks.

*Due to the upper main chilled loop being so large, we will need to treat this systems with our liquid corrosion inhibitor.

*The services and cost listed above were not used in the evaluation process; however, the Contractor has provided the pricing that could be utilized during conversion of the systems to a solid form chemical treatments as needed.

CONTRACTOR INDEX

CONTRACTOR AND TERMS:

BID CONTRACT NO.: CSP905016-1



OAKS ID # 0000041091
Solid Blend Technologies, Inc.
10 Granite Dr.
Dayton, OH 45415

TERMS: Net 30 Days

Remit To Address
OAKS ID # 0000041091
Solid Blend Technologies, Inc.
10 Granite Dr.
Dayton, OH 45415

CONTRACTOR'S CONTACT: Mr. Steven Elrich
Sales

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