



Topeka Metropolitan Transit Authority
Attn: Richard Appelhanz
201 North Kansas Avenue
Topeka, KS 66603

RE: Request for Bids TO-20-08

October 7, 2019

Mr. Appelhanz,

As a brief introduction, InterClean has been in business since 1984 and has focused on designing and building high quality, efficient heavy duty vehicle wash systems. InterClean has also developed touchless cleaning technologies that allow the combination of touchless and friction cleaning to washing transit buses without damaging bike racks, mirrors or the bus wash system. There is no stopping required and the driver simply needs to move 1 – 1.5 feet per second through the wash. The sustainable design features include high efficiency motors, control features to activate/deactivate wash components and if the optional water recycling is included, fresh water consumption is reduced by approximately 67 gallons per wash. Appendix I includes additional information about InterClean Equipment, our experience working with Public Transit and capabilities for successfully completing contracts.

There is also local service available to install, commission and maintain the wash equipment. Our local partner is Timothy Black from CK Enterprises. He is based out of the Kansas City area and CK has installed and currently maintains several Heavy Duty wash sites and they currently service other wash sites in Topeka. CK Enterprises will provide warranty service and regular preventative maintenance programs to help keep your wash operating at peak performance. His contact information is:

Timothy Black:

EM: timothyb@ckeinc.com

PH: 816-547-4892

In addition to the local service and maintenance from CK Enterprises there are references included in Appendix II that demonstrate our experience with the XJ-404 and wash replacement projects.

I am also confirming the scope of work for this project includes the demolition of the existing wash system, reusing the existing tire guides, installing the new wash equipment including the plumbing and electrical interconnections. Since the current electrical service is only 230v our proposal includes a step up transformer for the 460v required for the wash system and optional blowers. Appendix III includes other project information including warranty, terms and vehicle information.

Based on the information in the bid documents and the recent site survey I am proposing the InterClean XJ 404 Bus Wash System. I believe the XJ Wash System will deliver the best outcomes for Topeka Metro. The XJ 404 Wash system details are described in the sections below and you will note the design features included in the XJ 404 make the system simple to use and maintain, optimizes cleaning results and sustainability, prevents damage to the vehicles being washed or the wash equipment. It's the most successful transit bus wash system we offer.

- General Description:
 - o 4-Brush Hybrid drive through bus wash capable of washing a high volume of various sizes and styles of vehicles
 - o To optimize cleaning results the system is capable of washing the front and rear of the vehicles with overlapping action and does not require the driver to stop during the washing process
 - o The wash functions are operated automatically as the vehicle is driven through the wash system.
 - o For enhanced sustainability, the system is complete with all control systems, metering devices, high efficiency drive motors, gear boxes and brush assemblies.
- Performance:
 - o The washer will remove all visible heavy dirt accumulation and most of the road film from all surfaces, including the rear of the vehicle.
 - o The brush unit, pumping stations and all electrical controls are designed and assembled by InterClean Equipment, LLC.
 - o References are included in this bid for confirmation of experience and performance.
- Equipment Testing and Performance:
 - o The equipment is designed, assembled and tested in the manufacturing facility in Ypsilanti where the engineering, sales and administration are located.
 - o The equipment is disassembled as needed for shipping requirements and to prevent damage in transit.
- Installation:
 - o Provide supervised installation for the set-up of the equipment and coordinate the process with the contractor.
 - o The electrical and plumbing interconnections will be provided by InterClean Equipment, LLC licensed local contractors.
 - o The commissioning and training will be completed by InterClean Equipment, LLC.
- Bus Wash Operation:
 - o Vehicles entering the wash will first pass through the stationary detergent arch that is designed to apply the cleaning chemical to the front, top, sides and rear of the vehicle.
 - o As the bus drives through the wash the front high pressure spray arch is activated to clean the front of the bus, including the bike rack and behind the bike racks.
 - o The front and side brushes are also activated as the bus drives through and scrubs the front, sides and then wraps around the back in an overlapping fashion without the need for stopping. This shortens cycle time and reduces energy and water usage. There are traffic lights that indicate when the brushes are wrapping around the back so the driver can properly control the speed of the wash and optimize cleaning results on the back, however no stopping is required.
 - o To prevent damage to the bus or wash system, this design also includes an optional front wash where the front brushes are retracted to accommodate paratransit vehicles and other vehicles where the front wrap is not required.
- Features:
 - o Since the controls for the bus washers are developed in-house, there is a lot of flexibility to customize the wash programs for Topeka Metro. The following are some popular wash program options:
 - Full Wash with Brushes (front, sides and rear) and Chassis Wash

- Front High Pressure Wash, Side and Rear Brush Wash and Chassis Wash
- Chassis Wash Only
- These wash options can be selected on the main wash panel, with the proper authorization
- Wash System Performance:
 - The starting, stopping of the wash system is completely automatic with the bus driving through, without stopping at a uniform speed of 1-1.5 feet per second.
 - There are a series of photo eyes throughout the wash bay that detect the location and speed of the bus. As these photo eyes are blocked and cleared, the program will activate and deactivate each of the wash components in the wash bay. There are proximity sensors for the brushes and air over oil cylinders to provide precise movement of the brushes and to provide consistent pressure on the vertical surfaces of the bus for optimizing cleaning results. The brushes are also supported at the top and bottom to further improve the consistent pressure on the vertical surfaces. These are important differences from single hung brushes or brushes that move into the wash lane after the bus has stopped; these other designs can place an extraordinary amount of pressure on the top corners of the buses which can lead to severe wear and damage to the buses; it also requires the manufacturer to provide a break away feature to prevent catastrophic bus damage. These are not required with the enhanced InterClean XJ-404 design with the brush supported from the top and bottom.
 - If the automatic system fails, the wash system components can be activated in manual mode and this feature is also useful when the system is being tested or during maintenance or for troubleshooting.
- Component Specifications:
 - The structural framework of the Wash System consists of galvanized steel and stainless steel components that include:
 - Galvanized Steel Vertical Support Frame
 - Galvanized Plates
 - Galvanized Cross Frame Assembly
 - Galvanized Swing Gates (left and right), Upper and Lower Bumper Assembly
 - Galvanized Brush Assembly
 - Galvanized Motor and Gearbox Assembly
 - Stainless Steel Water Supply Pipe
 - Stainless Steel Cross Pipe Assembly
 - Inductive Sensor Assembly
 - Front Side and Rear Cleaning Unit (4-Brush):
 - The 4 brush system shall clean the front, sides and rear of the vehicle with overlapping action. The brush activation is controlled by the bus moving through the wash bay and being detected by the systems photo eye sensors. The brush movement is controlled by proximity sensors and air over oil cylinders to allow for precise movement and consistent pressure on the sides of the buses. The top and bottom supports of the brushes prevents extreme pressure conditions on the top corners of the bus and prevents the need for a break away brush design. Over speed monitoring prevents the brush from entering the wash lane if there is a runaway bus. The brush spray module is equipped with a detergent pump to keep

the brush lubricated and to aid in the cleaning process. The brush material is made from pre-flagged polyethylene filaments.

- **Detergent Spray Arch:**
 - The freestanding detergent spray arch is made from stainless steel with stainless steel nozzle tips and equipped with check valves to providing an instant start/stop of the detergent solution. The activation of the detergent is arch is from the bus driving through and deactivated after the bus has cleared the photo-eye and control timers. To enhance sustainability, the detergent spray arch only applies detergent solution to the front, top, sides, wheels and rear of the bus.
- **Undercarriage and Wheel Spray Wash:**
 - The undercarriage spray and wheel wash is designed to use high pressure to flush the undercarriage and the wheels. The undercarriage spray bar will be equipped with stainless steel nozzles and a ball valve to adjust the water flow and pressure. The Wheel Wash Spray bar is integrated with the undercarriage and uses touchless cleaning to remove the dirt and grease from the wheels.
- **Fresh Water – Final Rinse Spray Arch:**
 - The freestanding final rinse spray arch is made from stainless steel with stainless steel nozzle tips (upgrade from galvanized and brass) equipped with check valves to providing an instant start/stop of the final rinse. The activation of the final rinse is arch is from the bus driving through and deactivated after the bus has cleared the photo-eye and control timers. The activation system also has a back-up photo eye system in case there is a failure with the primary controls. Optional Rinse Aid/Wax Application is offered if the blowers are not selected.
- **Air Retract System:**
 - The brush wash module will be equipped with safety features that prevent the brushes from moving into the wash lane until the wash program is ready and the bus is not in “overspeed”. The brushes are normally in the retracted (open) position when they are not required and are controlled by the air over oil cylinders.
- **Guide Rail System:**
 - Our proposal includes re-using the existing tire guides and adding approximately 20’ at the exit section. These tire guides are galvanized steel tire (O.D. 4.5”).
- **Skid Plates:**
 - The wash lane entrance will have an angled V-shaped stainless steel skid plate to allow some off center tolerance of approaching buses. There are 2-plates per entrance that are designed to be tapered as it enters into the wash bay.
- **Chemical Pump:**
 - There will be 2 chemical pumps for the detergent application at the entrance of the wash bay. Each pump is a smooth running, positive displacement, water driven, self-priming pump with specially designed seals for acid or alkaline based cleaners. Each pump can be adjusted to optimize the cleaning results and the amount of chemical used.
- **Speed Control:**

- The wash system calculates the bus speed by measuring the time it takes to clear the first 2 photo eyes at the entrance of the wash bay. If the bus is moving too fast the system will not activate the brush module and activates the over speed alarm.
- Entrance Traffic Light:
 - As the bus approaches the wash bay, there is a duplex traffic light indicating green when the wash equipment is ready for use. Once the bus enters the wash bay and blocks the first sensor, the light will change from green to red until the bus has cleared the final rinse arch. This prevents buses from entering the wash lane until the wash cycle is completed and the risk of accidents from buses colliding and the wash equipment being damaged.
- Electrical Control Panels and Controls:
 - The PLC shall be the process application controller and provide near real time control of the entire wash system. It shall be connected to distributed I/O via an Ethernet network. The operator interface shall be through a separate HMI not integral to the PLC, connected to the PLC via Ethernet
 - The PLC shall be panel mounted in a 48"x36"x12" non-metallic NEMA 4X electrical enclosure, which also houses the electrical controls for the wash system. The PLC may be mounted in its own enclosure in an office environment. The PLC provides the centralized infrastructure to enable simple and complete integration with other systems.
 - The PLC and HMI programs shall be developed and provided by the bidder. These programs shall include the specified wash components and provide capacity for future expansion. The PLC program shall be provided in RSLogix 5000 v20 and the HMI program shall be provided in RSView ME v6.1
 - PLC and HMI programs shall provide the following:
 - GUI shall be intuitive to use by people without computer experience. Little or no training should be required.
 - At program start up, all devices shall be initialized to a known state.
 - All system settings, such as baud rates, parity, comm. port configurations, etc shall be reconfigurable without necessitating recompiling the application software.
 - All user configurable settings shall be stored in the PLC and/or HMI and saved to their respective SD cards. These include all timing set points, alarm settings, and communication settings.
 - Periodic polling of I/O shall be every 20 ms or less.
 - Alarms should have user configurable delays to prevent nuisance tripping.
 - Latency: scanning interval for all closed loop processes should be executed <20 ms.
 - Provide terminal windows for spying on any devices communicating to PC via Ethernet, RS232, etc. These will be used for troubleshooting communications problems.
 - Failure of any single component shall result in disabling the entire wash. For example, the system will not be allowed to wash vehicles in a crippled state if a chemical pump motor overload trips.

- The Industrial Control Panel shall be manufactured and evaluated in accordance with the Underwriters Laboratories, Inc. (UL) standard 508A (Industrial Control Panels). In addition, the panel shall be evaluated for high-capacity short circuit withstand and shall bear the appropriate UL marks including the short circuit withstand value mark as part of the official UL label.
 - The industrial Control Panel shall be designed for operation on a 460 Volt, 3 phase, 60 Hertz system, with a short circuit capacity of 65,000 amperes RMS Symmetrical available at the incoming line terminals of the control panel.
 - The Industrial Control Panel shall be designed to meet the requirements of the National Electric Code (NEC) Articles 430 and 670, also the National Fire Protections Association (NFPA) Standard 79 (Industrial Machinery).
 - E-Stop related operator controls, all push buttons, selector switches, pilot devices, system control and access functions must be by Touch Screen Operator Interface Terminal. Electric Panels that are not UL approved are not acceptable.
 - The activation switches shall be designed to be activated by all fleet vehicles used by the owner. Each activator shall be pre-mounted and wired to a water tight junction box equipped with built-in drainage holes.
 - The automatic controls, switches, relays, solenoids and the hardware required for the operation of the system are included in the wash system design and supply.
 - Maximum voltage of the controls in the wash bay is 24 v for safety reasons.
 - Optional remote monitoring feature is available.
- Optional Water Recycling System:
 - As this option is considered, it is important to note there is currently no water storage capacity for the water being recycled. Topeka Metro would need to modify the center trench to accommodate this water recycling process.
 - The water reclamation system will be capable of reclaiming water from the vehicle washer and process it by means of settling pits, self-cleaning stainless steel filters (.0015" slotted opening), centrifugal filter system, and bio-remediation system. The system will continuously supply adequate amount of water for high-pressure pump regardless of traffic volume through the washer.
 - The above ground tank conical bottom tank must be of self-cleaning type and shall be designed not to accumulate any dirt build-up.
 - A Bio-Remediation system will be included in total system design. The bio-remediation system shall be designed to help eliminate and/or reduce the total load of hydrocarbon loading within the recycled water body. The system shall include a dissolved oxygen and aeration system plus an enzyme dispensing system.
 - Optional Blowers:
 - The enclosure shall be NEMA 4X minimum.
 - The panel will have the ability to stagger start the motors in order to minimize the inrush amps at start up.
 - Electric Panels that are not UL approved are not acceptable.

- Electric panel must communicate and report to the master bus wash controller, located at the master control panel. The communication must utilize the same software as the master controller. Communication shall be done via ethernet, with remote i/o board built into the blower electric control panel.
- Photo eyes for activation shall be water resistant and designed for wet environments. Stands for photo eyes shall be 304 stainless steel.

There is a lot of experience and engineering behind the XJ-404 Wash System and I believe it is a good fit for Topeka Metro as outlined in the previous sections. It is also important to have local service to maintain and service the equipment to keep it running for years to come. Our partnership with CK Enterprises ensures prompt, professional and effective service to ensure long term reliable performance. We look forward to working with you on this wash replacement project.

Best regards,



Greg Harvey
CEO

greg.harvey@interclean.com

COVER SHEET

Proposer Information

Company Name InterClean Equipment, LLC

Address 709 James L. Hart Parkway

City, State, Zip Ypsilanti, MI 48197

Main Phone 734.961.3300

Contact Person Information

Name Greg Harvey

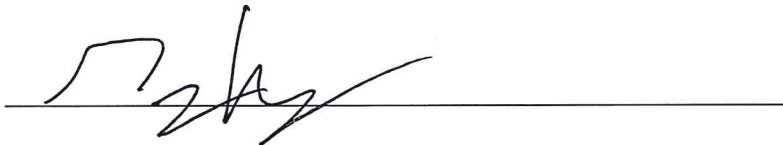
Job Title CEO

Phone 734.961.3300

Alt. Phone

Email sales@interclean.com

Signature



Date:

September 30, 2019

PRICE QUOTE**General**

Cost of Bus Wash System	\$ 262,499.60
Optional Dryer System	\$ 43,540.00
Optional Water Reclaim / Water Recycling System	\$ 30,320.50
Total Cost	\$ 336,360.10
Estimated Project Start Date	October, 21, 2019
Estimated Project Completion Date	February 1, 2020

Warranty

Warranty Length	1 Year (starting after wash acceptance)
Warranty Coverage	Parts and Labor
Extended Warranty Cost (per year)	\$ 5,110.00
Maintenance Service Agreement (per year)	\$ 1,610.00

Topeka Metro is tax exempt and will obtain a Project Exemption Certificate from the Kansas Department of Revenue. Do not include sales tax in your proposed price.

BUY AMERICA CERTIFICATION

Proposer will certify either compliance or non-compliance, not both. This certification must be submitted with the proposer's response.

Certificate of Compliance with 49 USC 5323(j)

The bidder hereby certifies that it will meet the requirements of 49 USC 5323(j), and the applicable regulations in 49 CFR Part 661 and any amendments thereto.

Signature:



Name & Title:

Greg Harvey CEO

Company:

InterClean Equipment, LLC

Date:

September 30, 2019

Certificate of Non-Compliance with 49 USC 5323(j)

The bidder hereby certifies that it cannot comply with the requirements of 49 USC 5323(j) and 49 CFR 661.5, but it may qualify for an exception pursuant to 49 USC 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 CFR 661.7.

Signature:

Name & Title:

Company:

Date:

DISADVANTAGED BUSINESS ENTERPRISES (DBE) CERTIFICATION

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*. The national goal for participation of Disadvantaged Business Enterprises (DBE) is 10%. Metro's overall 2019-2021 goal for DBE participation is 2.00%; the race neutral goal is 1.12%, and the race conscious goal is 0.88%. There is no contract goal for this procurement.

The contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as Metro deems appropriate. Each subcontract the contractor signs with a subcontractor must include the assurance in this paragraph (see 49 CFR 26.13(b)).

The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 30 days after the contractor's receipt of payment for that work from Metro.

The contractor may not hold retainage from its subcontractors.

The contractor must promptly notify Metro, 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. The 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 Metro.

Signature: _____



Name and Title: Greg Harvey CEO

Company Name: InterClean Equipment, LLC

Date: September 30, 2019

FLY AMERICA CERTIFICATION

The Contractor agrees to comply with 49 U.S.C. 40118 (the "Fly America" Act) in accordance with the General Services Administration's regulations at 41 CFR Part 301-10, which provide that recipients and sub-recipients of Federal funds and their contractors are required to use U.S. Flag air carriers for U.S. Government-financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. The Contractor shall submit, if a foreign air carrier was used, an appropriate certification or memorandum adequately explaining why service by a U.S. flag air carrier was not available or why it was necessary to use a foreign air carrier and shall, in any event, provide a certificate of compliance with the Fly America requirements. The Contractor agrees to include the requirements of this section in all subcontracts that may involve international air transportation.

Signature: _____

Name and Title: Greg Harvey CEO

Company Name: InterClean Equipment, LLC

Date: September 30, 2019

LOBBYING CERTIFICATION

The undersigned contractor certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. See 49 CFR 20.100.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 USC. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. [Note: Pursuant to 31 USC 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure. See 49 CFR 20.400.]

The undersigned contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 USC 3801, et seq, apply to this certification and disclosure, if any.

Signature: _____

Name and Title: Greg Harvey CEO

Company Name: InterClean Equipment, LLC

Date: September 30, 2019

NON-COLLUSION CERTIFICATION

This is my sworn statement to certify that this proposal was not made in the interest of or on behalf of any undisclosed entity. This proposal is not collusive.

This proposer has not been a party to any agreement or collusion in restraint of freedom of competition by agreement to bid a fixed price, to refrain from bidding, or otherwise. This proposer has not, directly or indirectly, by agreement, communication or conference with anyone, attempted to induce action prejudicial to the interest of Topeka Metropolitan Transit Authority, or of any proposer, or anyone else interested in the proposed contract.

Signature:



Name and Title:

Greg Harvey CEO

Company Name:

InterClean Equipment, LLC

Date:

September 30, 2019

SUSPENSION / DEBARMENT CERTIFICATION

In regard to 2 CFR Parts 180 and 1200

In accordance with 2 CFR Parts 180 and 1200, the contractor is required to verify that none of its principals or affiliates:

- 1) is included on the federal government's suspended and debarred list;
- 2) is proposed for debarment, declared ineligible, voluntarily excluded or disqualified;
- 3) within three years preceding this proposal, has been convicted of or had a civil judgment rendered against them for (a) commission of fraud or criminal offense pertaining to performing a public transaction, (b) violation of any federal or state antitrust statute, or (c) embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
- 4) is indicted or charged by a governmental entity for any of the charges in 3) above; and
- 5) has had any public transaction terminated for cause or default within three years preceding this proposal.

The contractor is required to include this requirement in any subcontracts related to this contract.

By signing and submitting its proposal, the proposer certifies that the certification in this clause is a material representation of fact relied upon by Metro. If it is later determined that the proposer knowingly rendered an erroneous certification, in addition to remedies available to Metro, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The proposer agrees to verify that none of its principals or affiliates is included on the federal government's suspended and debarred list at any time throughout the period of this contract. The proposer further agrees to include a provision requiring the same compliance in its subcontracts related to this contract.

Signature: _____



Name and Title: Greg Harvey CEO

Company Name: InterClean Equipment, LLC

Date: September 30, 2019

Appendix 1:

Company Overview and Capabilities

Appendix 1: InterClean

HQ in Ypsilanti, MI

InterClean Equipment is a leader in the design, build, and installation of automated vehicle wash equipment. Since its founding in 1984, InterClean has installed hundreds of systems in locations all over the world.

Broad Range of Served Markets

Transit

Municipal

Fleet

Military

Mining

Oil & Gas



Industry Leading Product Coverage

Drive Thru - Touchless

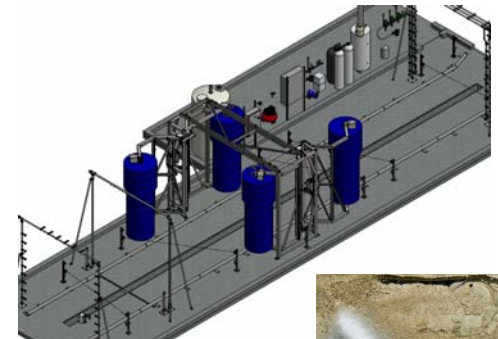
Drive Thru - Friction

Gantry

Chassis

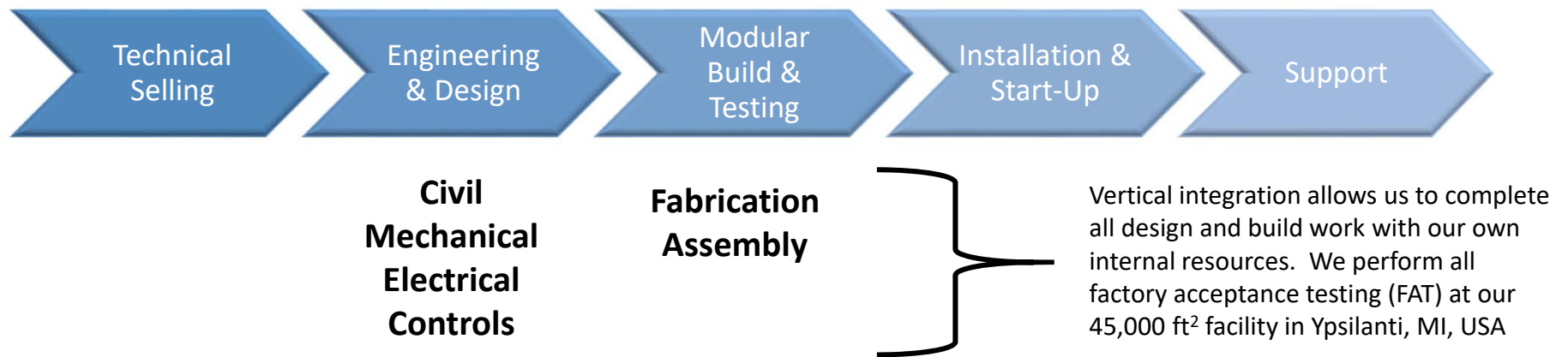
Wheel

Manual



Appendix 1: Our Core – Project Execution

We are a project based company constantly focusing on executing on time and on budget for our customers



- Stage Gate Process defines required deliverables to move from one phase to next
- Dedicated Project Managers own execution of the Gate process

Pursuit of Best-in-Class Concept to Commissioning Execution

Appendix 1: Design and Build Expertise

Multidisciplinary Engineering

- Civil
- Mechanical
- Electrical
- Controls



Manufactured in USA

- 45,000 ft² facility in Ypsilanti, MI
- Metal fabrication
- Machine assembly & testing
- Over 60 active projects in 2017
- Meet all “Buy America” requirements

30+ Years of Design Experience

- Water Recycling
- Settling Pits
- Pump Sizing
- Nozzle Design & Water Impact
- Chemical (Soap) Application



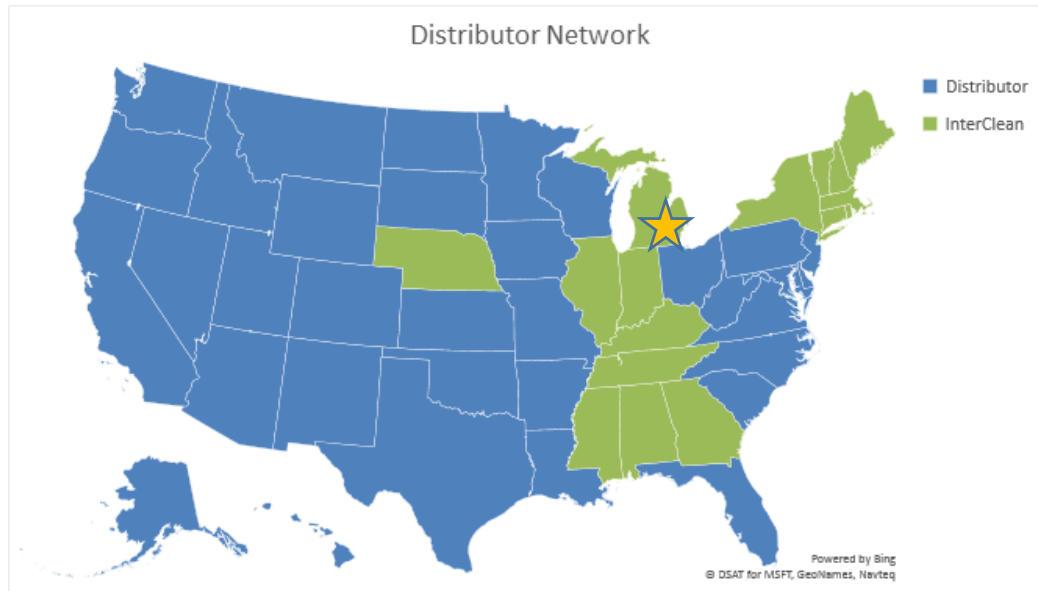
InterClean
CentriSpinner®



InterClean
EQ Module



Appendix 1: Service and Support



★ InterClean HQ

Dedication to Service & Support

- **Over 700 wash systems installed** in North America
- Four dedicated Service Technicians located in Ypsilanti, MI
- Distributor Network includes **Technicians certified by InterClean**
- **Preventative Maintenance** and **Remote Monitoring** services
- Maintain **over \$500k of service part inventory** in Ypsilanti, MI





Thank You

Visit us at www.interclean.com

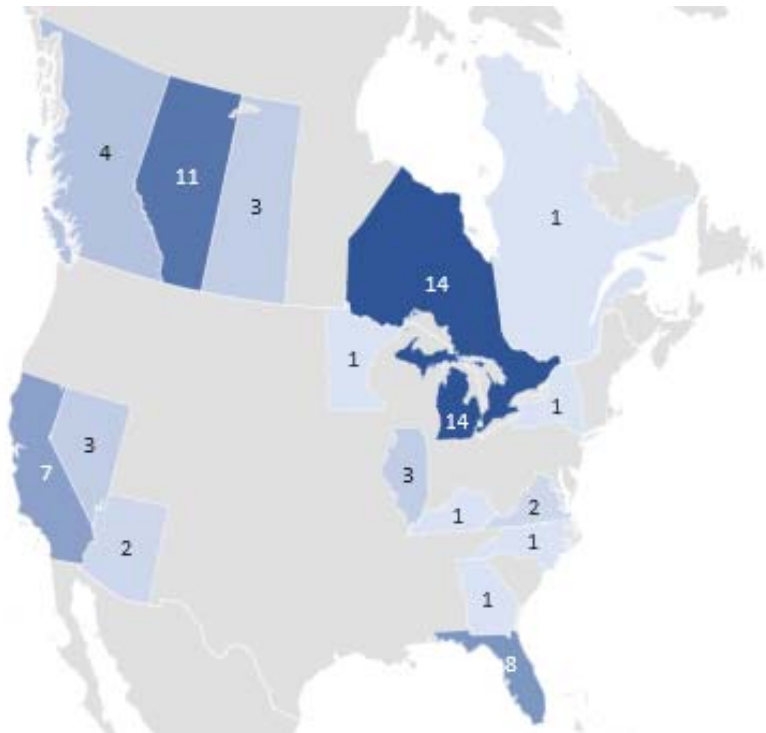
Appendix II: Transit Reference Summary

Appendix II: Installed Base of Friction + Touchless Equipment

In North America, InterClean has installed more than 70 lanes of wash equipment that include a combination of friction and touchless washing.

**Brush Modules | High Pressure Arches | Detergent Application | Reverse Osmosis | Blowers | Final Rinse
Pumping Modules | High Pressure Coaxial Vales | InterClean Developed Controls Software**

Locations of Installed Equipment



Representative Customers



Appendix II: Other Site Specific References

Transit Reference List



BC Transit

Multiple Locations
Wistler, BC - Vernon, BC - Kamloops, BC
Mr. Stephen Pugh
Steven_Pugh@BCTransit.com
Hybrid Bus Wash with Water Recycling
Installed in 2009, 2012, 2012

Bay Area Rapid Transit System

1101 13th Street
Richmond, CA
Mr. John Gee
510-287-4928
Five Train Wash Systems, Water Recycling, RO
Installed in: 2002, 2003, 2004, 2009, 2016

Edmonton Transit

15520 Ellerslie Road
Edmonton, Alberta T6W 1A5
Mr. Greg Sorenson
780-496-6446
greg.sorenson@edmonton.ca
Two Lanes, Hybrid Bus Wash with Water Recycling
Installed in 2010

Greater Richmond Transit

301 East Belt Boulevard
Richmond, VA 23224
Contact: Gerald Brink
804-358-3871
Two Lanes, Touchless Bus Wash with Water Recycling
Installed in 2009

Brampton Transit

120 Sandalwood Parkway
Brampton, ON L6T 5M8
Mr. Dale Morin
416-806-1643
2 Lanes, Wrap Style Bus Wash
Installed in 2008

Go Transit – Streetsville

6190 Mississauga Road
Mississauga, Ontario
Mr. Jack Ballan
905-286-4922
Two Lanes, Hybrid Bus Wash with Water Recycling
Installed in 2009

Denver RTD - Boulder

1707 Exposition Drive
Boulder, CO 80301
Shayne Ford
303-299-5060
Two Lanes X1-404 with Water Recycling
Installed in 2019

Duluth Transit

2402 W. Michigan St.
Duluth, MN 55806
Contact: Jim Caywood
218-722-4426
Hybrid Bus Wash with RO and Water Recycling
Installed in 2010

Lethbridge Transit

614 4th Avenue
Lethbridge, Alberta T1H 0K3
Kevin Ponech
403-320-4737
Kevin.Ponech@lethbridge.ca
X1404 with Water Recycling
Installed in 2013

LexTran

200 West Loudon
Lexington, KY 40508
Mr. James Reynolds
859-388-0691
X1404 with Water Recycling & RO
Installed in 2016



Appendix II: Other Site-Specific References (cont.)

Transit Reference List



Arlington Transit

2100 Clarendon Boulevard
Arlington, VA 22201
Contact: Ryan Jones
703-228-7547
jsdavis@arlingtonva.us
Office 703-228-7547
XI404 with Water Recycling
Installed in 2017

Down East Transportation

PO Box 914
Ellsworth, ME 04605
Touchless Bus Wash System
Mr. Tom Brennan
207-667-5796
tom.brennan@exploreacadia.com
Installed 2011

Diversified Transportation/ Pacific Western Transportation

920 Memorial Drive
Fort McMurray, AB T9K 0N9
Mr. Gary Clermont
403-248-4300
garryc@corp.pwt.ca
Two Lanes, XI404 with Water Recycling
Installed in 2011 and 2012

Galesburg Transit

1025 Monmouth Blvd
Galesburg, IL 61401
Mr. Kraig McKluskie
309-342-4242
XI402
Installed in 2015

Regina Transit

1430 4th Avenue
Regina, SK S4P 3C8
Mitchel Kolbeck
306-537-0012
MKOLBECK@regina.ca
XI404 with Water Recycling
Installed in 2014

City of Roseville

2005 Hilltop Circle
Roseville, CA 95747
Mr. Mike Tarczy
916-759-3241
Public Works/Bus Wash with Water Recycling
Installed in 2010

Key West Transit

5701 College Road
Key West, FL 33040
Mr. Shane Harmon
305-809-3912
XI402 with Water Recycling
Installed in 2016

Calgary Transit (multiple locations)

Calgary, AB Canada
Contact: Steve Sammartino
403-268-1149
Steve.Sammartino@calgary.ca
Contact: Dave Leibel
403-537-7804
Dave.Leibel@calgary.ca
XI404 and Hybrid Wash with Water Recycling
Installed in 2013, 2014





Thank You

Visit us at www.interclean.com

EQUIPMENT WARRANTY

Rev10

All equipment manufactured and supplied by **InterClean Equipment, Inc.** (hereafter “**InterClean**”) has been tested and inspected at the plant and is warranted to be free from defects in material and workmanship. The following terms apply to this Equipment Warranty:

1. The warranty period granted by **InterClean** is twelve (12) months from the date of the commissioning or eighteen (18) months from the ship date whichever is shorter, with the following exception: CentriSpinners will be warranted for a period of (36) months from the ship date.
2. **InterClean** will replace any part that is defective due to improper material or workmanship. **InterClean** must be notified of any defect within fourteen (14) days of suspected failure. Purchaser, at their own cost, must return the part to **InterClean** for evaluation. A new part will be sent to replace the suspect part by **InterClean** or its representative. During this evaluation period the customer will be billed for the replacement part. If **InterClean** or the part manufacturer finds the suspect part to be defective, not as a result of neglect, abuse, or lack of recommended maintenance, and the part manufacturer issues InterClean a credit for the defective part, InterClean will credit the customer accordingly.
3. **InterClean** does not provide onsite labor for warranty repairs or replacements.
4. Any replaced equipment or part becomes the property of **InterClean**.
5. In the event of repair or replacement, this limited warranty is non-cumulative.
6. This warranty by **InterClean** shall not apply to equipment and parts subjected to abusive or improper use, accident, extended storage, neglect, or lack of maintenance. In order to uphold the validity of this warranty, the customer must maintain and be able to demonstrate detailed and verifiable documentation, including, but not limited to, maintenance logs, photos, etc., showing that all recommended maintenance procedures have been carried out as dictated by any of the following:
 - Standard industry practices
 - InterClean’s Operation and Maintenance Manual for the equipment
 - The component manufacturer’s use and maintenance manual(s), that take precedence over the InterClean O&M manual
7. The warranty by **InterClean** does not cover replacement or repair of any normal wear and tear on equipment or parts, including brush material both poly and foam, seals, nozzles, filters, bearings and other consumables.
8. InterClean will only pay the freight charges for domestic (48 Contiguous US states) ground. If the customer chooses to have the warranty replacement parts shipped by any other means they will pay for all charges. Any and all shipments outside of the Contiguous 48 States is freight collect.
9. **InterClean** shall not be liable for damages of any kind in connection with the maintenance or use of this equipment, including loss of profits and all claims for consequential damages.
10. The damages or failures caused by outside elements, force majeure (i.e. storms, lightning, fluctuation in the electric supply, dirt in the fresh water supply, or temperatures below 32 degrees Fahrenheit – including adjustments made for wind chill factor are not under warranty.
11. This warranty shall be void if the equipment is used with cleaning chemicals containing hydrofluoric acid, ammonium bifluoride or other highly corrosive chemicals. **InterClean** will warrant the equipment if the chemicals used in the system are those recommended by **InterClean**.
12. If there is a problem with the equipment controller/computer, the warranty will follow the controller/computer manufacturers warranty terms. No additional programs or changes are allowed to the software without written approval by **InterClean**.
13. This warranty shall be void if the equipment is in any way modified, changed or altered without written approval by **InterClean**.
14. This warranty applies to the original purchaser only and is non-transferable.

Purchaser’s acknowledgement



Domestic

Terms and Conditions**Attachment A**

1. General. These terms and conditions of sale apply to all quotations and offers made by and purchase orders accepted by InterClean Equipment, LLC (hereinafter "InterClean"). To the extent that these terms and conditions conflict with or are different from those contained in any buyer purchase order or other procurement documents, these terms and conditions will control. InterClean specifically rejects any conflicting buyer terms. Buyer's acceptance or payment for the goods shall conclusively confirm agreement to these terms.
2. Quotations/Purchase Orders. All quotations expire after sixty (60) days and are subject to withdrawal at any time prior to acceptance. Quotations are solicitations for an order; all orders are subject to acceptance by InterClean.
3. Prices/Terms. All prices are FOB FACTORY (EX-WORKS on foreign shipments). InterClean will follow Buyer's reasonable instructions with respect to method of shipment and carrier. Terms for payment: 25% non-refundable deposit on order, 25% payment at drawing approval and the balance payable before shipping by wire. Amounts not paid when due will bear a late payment charge of one and one-half percent (1½%) per month or the maximum legal rate, whichever is less.
4. Submittals. All submittals provided by InterClean for review shall be returned within 8 days with any necessary revisions indicated on the submittal. If InterClean does not receive this submittal within this 8 day period, the submittal will be considered approved and any changes occurring after this time will be considered a change order. A maximum of 3 submittal revision cycles will be allowed. Anything past the third revision will incur administrative and engineering fees.
5. All change orders will contain charges for administration and engineering time.
6. Delivery. Delivery dates are estimates only. InterClean will make commercially reasonable efforts to meet delivery dates but will not otherwise be responsible for delays in delivery. Title and risk of loss passes to the buyer upon transfer of the goods to the carrier at the shipping point. Receipt of the goods by the buyer shall constitute a waiver of all claims for delay.
7. Force Majeure. InterClean shall not be liable for, nor be deemed in default by reason of, any failure or delay in performance where such delay or failure is caused in whole or in part by any act of God or the public enemy, law, regulations, or order of any government agency, riot, strike, or civil commotion, embargo, damage or delay in transportation, inability to obtain necessary labor or materials from usual sources, or other causes beyond the reasonable control of InterClean. In the case of delay due to any such cause, the date of delivery will be adjusted to reflect the actual length of time lost by reasonable delay.
8. Cancellations and Deferred Deliveries. Orders placed cannot be cancelled, nor can deferred deliveries of goods made up or in process be extended beyond the original delivery date specified, except with InterClean's written consent. InterClean will invoice at the original agreed upon ship date. Goods held for Buyer are held at Buyer's expense and risk, and shall be subject to charges for storage and handling at a rate of 0.01% per day of total project price.
9. Taxes. All prices are exclusive of any present or future sales, revenue, use, or excise tax, duties or similar charges, all of which shall be paid by Buyer, and may be added to the purchase price unless Buyer provides to InterClean appropriate certification of exemption.
10. Acceptance. Buyer shall accept or reject goods upon receipt. Failure to notify InterClean immediately in writing of nonconforming goods shall be deemed an unqualified acceptance. Any use of goods by Buyer, which are not related to acceptance testing, shall constitute acceptance.
11. Security. If Buyer fails to fulfill the terms of payment on any order, InterClean may defer all further shipments to Buyer until such payments are made, or may, at its option, cancel outstanding orders. InterClean reserves the right, even after partial shipment, to require from Buyer satisfactory security for payment and InterClean may suspend shipments until such security is furnished, and, at its option, may cancel the order.

12. **Enforcement.** Forbearance or failure of InterClean to enforce any of these terms and conditions or to exercise any right accruing from any default of the Buyer shall not affect or impair InterClean's rights in case such default continues, or in case of any subsequent default, and such forbearance or failure will not act as a waiver with respect to any other or future defaults of Buyer.
13. **Warranty.** InterClean warrants only the original Buyer and first user that goods of its own manufacturer will conform to InterClean's specifications, drawings and other specifications agreed to in writing to be applicable, and that the goods will be free from material defects and goods and workmanship. The warranty period granted by **InterClean** is twelve (12) months from the date of the commissioning or eighteen (18) months from the date of delivery, whichever is shorter. **InterClean** will replace any part that is defective due to improper material or workmanship. **InterClean** must be notified of any defect within fourteen (14) days of suspected failure. Purchaser, at their own cost, must return the part to **InterClean** for evaluation. A new part will be sent to replace the suspect part by **InterClean** or its representative. During this evaluation period the customer will be billed for the replacement part. If **InterClean** or the part manufacturer finds the suspect part to be defective, not as a result of neglect, abuse, or lack of recommended maintenance, and the part manufacturer issues InterClean a credit for the defective part, InterClean will credit the customer accordingly. **InterClean** does not provide onsite labor for warranty repairs or replacements. Any replaced equipment or part becomes the property of **InterClean**. In the event of repair or replacement, this limited warranty is non-cumulative. This warranty by **InterClean** shall not apply to equipment and parts subjected to abusive or improper use, accident, extended storage, neglect, or lack of maintenance. In order to uphold the validity of this warranty, the customer must maintain and be able to demonstrate detailed and verifiable documentation, including, but not limited to, maintenance logs, photos, etc., showing that all recommended maintenance procedures have been carried out as dictated by any of the following: a.) standard industry practice, b.) InterClean's operation and maintenance manual for the equipment, and c.) The component manufacturers use and maintenance manual(s), that take precedence over the InterClean operation and maintenance manual. The warranty by **InterClean** does not cover replacement or repair of any normal wear and tear on equipment or parts, including seals, nozzles, filters, and other consumables. **InterClean** shall not be liable for damages of any kind in connection with the maintenance or use of this equipment, including loss of profits and all claims for consequential damages. The damages or failures caused by outside elements, force majeure (i.e. storms, lightning, fluctuation in the electric supply, dirt in the fresh water supply, or temperatures below 32 degrees Fahrenheit – including adjustments made for wind chill factor) are not under warranty. This warranty shall be void if the equipment is used with cleaning chemicals containing hydrofluoric acid, ammonium bifluoride or other highly corrosive chemicals. **InterClean** will warrant the equipment if the chemicals used in the system are those recommended by **InterClean**. If there is a problem with the equipment controller/computer, the warranty will follow the controller/computer manufacturers warranty terms. No additional programs or changes are allowed to the software without written approval by **InterClean**. This warranty applies to the original purchaser only and is non-transferable. This is InterClean's sole warranty with respect to the goods delivered hereunder; no statement, representation, agreement, or understanding, oral or written, made by any agent, distributor, representative, or employee of InterClean which is not contained within this warranty will be binding upon InterClean unless in writing and executed by an officer of the InterClean. **INTERCLEAN MAKES NO OTHER WARRANTY OF ANY KIND WHATEVER, EXPRESSED OR IMPLIED, AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**
14. **Limitation of Liability.** In no event will seller be liable for indirect, special, incidental, exemplary, or consequential damages of any kind sustained from any cause or arising out of any legal theory, whether contract, negligence, strict tort liability, or otherwise. In no event shall seller be liable to buyer in an amount exceeding the purchase price of the subject product. These limitations include any liability that may arise out of third-party claims. Any lawsuit by buyer against seller shall be filed within eighteen months from delivery of the subject product by seller. These limitations shall apply notwithstanding any failure of essential purpose or of any limited remedy provided herein.
15. **Licenses.** The application software program ("software") is a proprietary product of InterClean Equipment, LLC. and is protected by copyright laws and international treaty. In purchasing an InterClean system, you have been granted one licensed copy of the software. You may not make copies for any reason without the prior written consent of InterClean Equipment, LLC. Any modifications made to the software shall void all warranties with respect to hardware supplied or controlled thereby.
16. **Privacy policy.** InterClean Equipment, LLC. respects the privacy of information about you and your equipment. Data is automatically collected by the software. The data may include, but is not limited to, information related to the operation, timing, identification, and sequencing of water sensors, vehicle sensors, motors, and alarms. All data collected by the software becomes the exclusive property of InterClean Equipment, LLC. The data may be used for statistical analysis purposes with the intent of improving the operation of the equipment, developing preventative and predictive maintenance intelligence and may be aggregated for reporting, analysis, marketing and other activities.

17. Disputes. The rights and liabilities of the parties arising out of or relating to this agreement will be governed by the laws of the state of Michigan; venue in any lawsuit between the parties will lie exclusively in state or federal courts in Michigan; and the prevailing party in such litigation will be entitled to recover all reasonable attorneys' fees and other expenses (in addition to statutory "costs" of litigation), including attorneys' fees and expenses in connection with any trial, appeal, or petition for review. InterClean excludes application of the U.N. Convention on International Sale of Goods.