



Tel: 905.563.1444  
Fax: 905.563.4452  
Toll Free: 1.800.265.7405  
email: info@accpowerbrush.com  
[www.accpowerbrush.com](http://www.accpowerbrush.com)

Head Office  
4640 Falletta Court,  
Beamsville, ON  
Canada  
L0R 1B4

November 3, 2009

State of West Virginia  
Department of Administration  
Purchasing Division  
Building 15, 2019 Washington Street East  
Charleston, WV 25305-0130

Re: Proposal Package & RFQ – PTR10013

To Whom it May Concern,

Thank you for the opportunity to tender our bid for a "Portable Bus Wash System(s)", as detailed in your Request for Quotation (PTR10013). The original ACC Eco-Power Brush is the most used single brush system in North America. For over 18 years we have been serving the transportation industry, providing the very best equipment and service.

Please find enclosed our completed RFQ documents, including the original RFQ, as well as Addendum No. 1 and Addendum No. 2. Our bid is for an ACC Eco-Power Brush mobile wash unit, complete with the specified attachments.

With our extensive industry experience, we have identified six (6) key factors that public transportation organizations consider to be most important. We believe that the following information will accurately address any questions or concerns you may have with regards to the original ACC Eco-Power Brush and with your RFP criteria.

### **1. Vendor Responsibility**

ACC International Inc. maintains a full inventory of ACC Eco-Power Brush units and parts. Our expected delivery date would be 2 – 4 weeks upon receipt of formal purchase order.

With respect to service, a simple toll free call will allow the equipment operator to discuss the specific issue with a factory trained service technician. Parts can be shipped within 24 hours. If required, a service technician can be sent to the site.

We encourage you to contact our existing customers as a reference to our ability and capacity to complete this project.

### **2. Warranty**

The standard ACC International Inc. warranty is thirty-six (36) months. Please find attached our warranty documentation.

Continued on page 2

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PURCHASING DIVISION  
STATE OF WV

### **3. Operational and Safety Features**

The original ACC Eco-Power Brush has been designed to be reliable, efficient and safe. Some of these features include the following:

- A 220 volt - 3 phase, two (2) hp motor with a direct drive maintenance-free gearbox assembly, with all control mechanisms and switches internally stepped down to low voltage ( 24 volt).
- An internal electrical panel contains both a dedicated circuit breaker and fuses.
- Automatic bi-directional switching of water spray and brush rotation, ensuring operator stays dry during operation.
- An internal timer ensures that a pre-determined time must elapse upon stopping of the brush rotation prior to re-starting the equipment. This protects both the operator and unit.
- The lightweight, aluminum construction of the ACC Eco-Power Brush, combined with correct brush directional rotation, makes it easy to use for the operator, reducing strain and fatigue.
- Water actuated tilting function with low voltage electric valves and push button controls. Eliminating the need for bending to engage hand valves creates a safer work environment for the operator.
- Automatic Dual Valve Assembly will be installed on the unit, allowing user to operate with two (2) different water sources.

### **4. Environmentally Friendly**

The ACC Eco-Power Brush requires only 3-5 gallons of water per minute (gpm). It takes on average 3 – 6 minutes to wash a vehicle. This is a substantial reduction in both the consumption and the subsequent disposal of wash water when compared to automatic, rollover systems and hand washing methods.

As the action of the spinning brush is the cleaning method, harmful and aggressive chemicals are not required. A small amount of biodegradable shampoo is all that is used to wash a vehicle. In fact, many companies that regularly clean their fleets with the ACC Eco-Power Brush have virtually eliminated chemical and shampoo usage. Not only are there direct environmental benefits from these reductions, there are direct economic benefits as well.

### **5. User Satisfaction with Product / Proven Experience**

Please find attached an ACC International customer list of organizations that currently use the ACC Eco-Power Brush and we strongly encourage you to contact them to discuss the product. Please note this list is not inclusive of all users, but are sample listings.

Please find attached:

- International transit customer list and comments

### **6. Facility Examination**

ACC International Inc. recommends a site check of all facilities considering adding any type of vehicle cleaning system. To that end, ACC International is willing to visit and examine your facility so that we can be completely aware of your particular situation. We will then be ready and able to complete the delivery and training on your schedule.

Thank you for taking the time to consider ACC International Inc. and the ACC Eco-Power Brush. We trust the above information was beneficial and that you will agree that we are the best choice for your vehicle cleaning needs.

Best Regards,

James M. Stieva  
General Manager

*Enclosed: Completed RFQ+ ACC Eco-Power Brush information*



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
 PTR10013

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 FRANK WHITTAKER  
 304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

PROPERTY

ACC INTERNATIONAL INC.  
 3909 WITHER ROAD PMB#182  
 NIAGARA FALLS, NY  
 14365-1244

SHIP TO

DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 906  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428

| DATE PRINTED | TERMS OF SALE | SHIP VIA | FOB | FREIGHT TERMS |
|--------------|---------------|----------|-----|---------------|
| 10/09/2009   |               |          |     |               |

BID OPENING DATE: 11/05/2009 BID OPENING TIME 01:30PM

| LINE   | QUANTITY | UOP | CAT NO | ITEM NUMBER | UNIT PRICE | AMOUNT     |
|--|----------|-----|--------|-------------|------------|------------|
| 0001   | 1        | EA  |        | 929-20      | \$14,900.- | \$14,900.- |
| PORTABLE BUS WASH SYSTEMS<br><br>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF PUBLIC TRANSIT IS SOLICITING BIDS FOR AN OPEN END CONTRACT TO PROVIDE THE AGENCY WITH AN ESTIMATED QUANTITY OF 1 TO 10 PORTABLE BUS WASH SYSTEMS TO BE DISTRIBUTED THROUGHOUT THE STATE PER THE ATTACHED SPECIFICATIONS.<br><br>ALL THECNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO THE WEST VIRGINIA PURCHASING DIVISION C/O FRANK WHITTAKER VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OF VIA FAX AT 304-558-4115. DEADLINE FOR TECHNICAL QUESTIONS IS 10/20/2009 AT 4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.<br><br>EXHIBIT 3<br><br>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON ..... AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABL TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.<br><br>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND |          |     |        |             |            |            |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                             |                           |                                   |
|-----------------------------|---------------------------|-----------------------------------|
| SIGNATURE<br><i>James K</i> | TELEPHONE<br>800-265-7405 | DATE<br>Nov. 3. 2009              |
| TITLE<br>GM                 | FEIN<br>98-0404840        | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

---

### INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**PTR10013**

PAGE  
**3**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**FRANK WHITTAKER**  
**304-558-2316**

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

**ACC INTERNATIONAL INC.**  
**3909 WITMER ROAD, PMB#182**  
**NIAGARA FALLS, NY**  
**14305-1244**

SHIP TO

**DIVISION OF PUBLIC TRANSIT**  
**BUILDING 5, ROOM 906**  
**1900 KANAWHA BOULEVARD, EAST**  
**CHARLESTON, WV**  
**25305-0432 304-558-0428**

| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|--------------|---------------|----------|--------|---------------|
| 10/09/2009   |               |          |        |               |

BID OPENING DATE: **11/05/2009** BID OPENING TIME **01:30PM**

| LINE   | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|--|----------|-----|----------|-------------|------------|--------|
| <p>THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 05/26/2009</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION<br/>         PURCHASING DIVISION<br/>         BUILDING 15<br/>         2019 WASHINGTON STREET, EAST<br/>         CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> |          |     |          |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                              |                                  |                                   |
|------------------------------|----------------------------------|-----------------------------------|
| SIGNATURE<br><i>James Ai</i> | TELEPHONE<br><b>800.265.7405</b> | DATE<br><b>NOV. 3. 2009</b>       |
| TITLE<br><b>GM</b>           | FEIN<br><b>98-0404840</b>        | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

### Request for Quotation

RFQ NUMBER  
**PTR10013**

PAGE  
**4**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**FRANK WHITTAKER**  
**304-558-2316**

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

**ACC INTERNATIONAL INC.**  
**3909 WITHER ROAD, PMB#182**  
**NIAGARA FALLS, NY**  
**14305-1244**

OFFEROR

**DIVISION OF PUBLIC TRANSIT**  
**BUILDING 5, ROOM 906**  
**1900 KANAWHA BOULEVARD, EAST**  
**CHARLESTON, WV**  
**25305-0432 304-558-0428**

| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|--------------|---------------|----------|--------|---------------|
| 10/09/2009   |               |          |        |               |

BID OPENING DATE: **11/05/2009** BID OPENING TIME **01:30PM**

| LINE   | QUANTITY | UOP | CAT NO. | ITEM NUMBER | UNIT PRICE | AMOUNT            |
|--|----------|-----|---------|-------------|------------|-------------------|
| BUYER:   |          |     |         | 44          |            |                   |
| RFQ. NO.:  |          |     |         | PTR10013    |            |                   |
| BID OPENING DATE:  |          |     |         | 11/05/09    |            |                   |
| BID OPENING TIME:  |          |     |         | 1:30 PM     |            |                   |
| PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: |          |     |         |             |            |                   |
| ----- <b>(905) 563-4452</b> -----  |          |     |         |             |            |                   |
| CONTACT PERSON (PLEASE PRINT CLEARLY):   |          |     |         |             |            |                   |
| ----- <b>JAMES M. STIEVA</b> -----   |          |     |         |             |            |                   |
| ***** THIS IS THE END OF RFQ PTR10013 ***** TOTAL:                                     |          |     |         |             |            | <b>\$14,900.-</b> |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                    |                                  |                                   |
|--------------------|----------------------------------|-----------------------------------|
| SIGNATURE<br>      | TELEPHONE<br><b>600.265.7405</b> | DATE<br><b>Nov. 3. 2009</b>       |
| TITLE<br><b>GM</b> | FEIN<br><b>98-0404840</b>        | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

Technical Specifications  
For The Procurement Of  
Portable Power Brush Washing System

**SCOPE:**

The technical specifications establish requirements for portable power bus washing system.

The vendor shall comply with all applicable federal and state regulations in the manufacturing of the each unit and the attached federal terms and conditions.

All units or parts not specified shall be manufacturer's best quality and shall conform in material, design or workmanship to the best practice known. All parts shall be new. No parts will be accepted if used, reconditioned or obsolete.

**GENERAL SPECIFICATIONS:**

The power bus wash system shall be an ACC Eco-Power Brush, Bitimec or Equal.

**Dimensions:**

Height: not to exceed 13'  
Width: maximum 42" x 48"

**Electrical:**

Motor: 230V- 3 phase, minimum, 2.0hp.  
Controls: Controls for operator to be full unobstructed visibility for working the unit with a 24-volt safety button on each operating side. Integrated timing relay to prevent motor overload and subsequent damage when reversing the motor.

**Mechanical:**

The unit shall be equipped with a tilt mechanism operated by wate powered cylinder with magnetic valves, which shall be push button controlled from both operating sides.

The unit shall be capable of continuous tilting throughout the entire wash cycle. When in a tilted position, the shield, nozzles and brush are to be in alignment at a correct distance from vehicle surface to avoid overspray and incorrect rinsing. All water nozzles must continually supply water flow directly to the entire surface of the rotating brush throughout the tilt cycle, to eliminate the possibility of dry brushes.

**Construction:**

The unit base and frame shall be manufactured of stainless steel or aluminum and be void of all corrosion prone materials. All painted (powder coated) surfaces shall also be stainless steel. The frame chassis shall have a lifetime warranty against corrosion or weld failure.

**Brush:**

Brush Fiber Type: Diamond/Star shaped, designed to channel water, to reduce friction and eliminate scratching. Diameter will be min. of 0.8 m/m . Brush fibers shall be feathered at the ends.

Brush Fiber assembly will be on a corrosion proof main shaft, riveted in replaceable segments max 12" high, in order to allow minimal replacement cost in case of partial damage.

**Rinse:**

The unit shall have two (2) steel water pipes with brass nozzles capable of executing a 180 degree spray pattern.

Dual and single spray switch that is a water consumption reducer switch. This reduces the water consumption from five (5) gpm to three (3) gpm. When on single spray, the operating spray pipe will automatically switch sides, when direction of the brush unit is reversed. When the unit is stopped, the water shall instantly and automatically stop. One additional set of safety distance wheels. Automatic Dual Valve Assembly (installed) to allow user to operate EPB with two (2) different water sources, recycled water for the wash direction, clean water for the rinse direction.

**The bidder is requested to submit description, warranty information and complete literature information of the product with bid.**

**IDENTIFICATION NUMBER:**

Each unit shall have an I.D. Number securely attached in the manner that it cannot be removed for the purpose of inventory and record keeping.

**WARRANTY:**

Each unit shall have a minimum of a written three-year warranty against all defects of the product. **The vendor is requested to supply the warranty information and local service centers with the bid.**

**MANUALS:**

The vendor shall supply an operations and maintenance manual for each unit ordered. **The vendor is requested to supply a copy with bid.**

**TRAINING:**

The vendor shall have at its own expense one or more qualified factory instructor(s) who shall be available at the Recipient Agency(ies) property for a single day training session to conduct a complete training session on the usage of the complete system. The training shall be conducted within 3 days of complete installation of the equipment.



**Assemble and Delivery:**

Each unit shall be completely assemble and delivered at each property when ordered in West Virginia.

The vendor shall include in the bid all travel, transportation, shipping and handling of each unit to each site. The vendor will be responsible for providing the complete electrical end/plug from the bus washer to the proper outlet. No additional fees will be paid by the Division of Public Transit or any system other than the bid price for each unit. All additional cost will be the responsibility of the bidder or any subs that the bidder contracts with to supply any part of this bid.



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
 PTR10013

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 FRANK WHITTAKER  
 304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR FOR

ACC INTERNATIONAL INC.  
 3909 WITMER ROAD, P.O.#182  
 NIAGARA FALLS, NY  
 14305-1244

SHIP TO

DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 906  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428

| DATE PRINTED | TERMS OF SALE | SHIP VIA | FOB | FREIGHT TERMS |
|--------------|---------------|----------|-----|---------------|
| 10/13/2009   |               |          |     |               |

BID OPENING DATE: 11/05/2009 BID OPENING TIME 01:30PM

| LINE   | QUANTITY | UOP | CAT NO | ITEM NUMBER               | UNIT PRICE | AMOUNT     |
|--|----------|-----|--------|---------------------------|------------|------------|
| ***** ADDENDUM NO. 1 *****   |          |     |        |                           |            |            |
| THIS ADDENDUM IS ISSUED TO REMOVE THE VENDOR PREFERENCE CERTIFICATE FROM THIS REQUEST FOR QUOTATION. |          |     |        |                           |            |            |
| 0001   | 1        | EA  |        | 929-20                    | \$14900. - | \$14900. - |
|  |          |     |        | PORTABLE BUS WASH SYSTEMS |            |            |
| ***** THIS IS THE END OF RFQ PTR10013 ***** TOTAL:   |          |     |        |                           |            | \$14,900 - |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                               |                           |                                   |
|-------------------------------|---------------------------|-----------------------------------|
| SIGNATURE<br><i>James Arz</i> | TELEPHONE<br>800.265.7405 | DATE<br>Nov. 3. 2009              |
| TITLE<br>GM                   | FEIN<br>98-0404840        | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
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State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
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# Request for Quotation

RFO NUMBER  
**PTR10013**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**FRANK WHITTAKER**  
**304-558-2316**

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR

**ACC INTERNATIONAL Inc.**  
**3909 WITMER ROAD, PMB#182**  
**NIAGARA FALLS, NY**  
**14305-1244**

STATE OF WEST VIRGINIA

**DIVISION OF PUBLIC TRANSIT**  
**BUILDING 5, ROOM 906**  
**1900 KANAWHA BOULEVARD, EAST**  
**CHARLESTON, WV**  
**25305-0432 304-558-0428**

| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|--------------|---------------|----------|--------|---------------|
| 11/02/2009   |               |          |        |               |

BID OPENING DATE: **11/05/2009** BID OPENING TIME **01:30PM**

| LINE   | QUANTITY | UOP | CAT NO | ITEM NUMBER               | UNIT PRICE  | AMOUNT      |
|--|----------|-----|--------|---------------------------|-------------|-------------|
| ***** ADDENDUM NO. 2 *****   |          |     |        |                           |             |             |
| THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED VENDOR QUESTIONS AND AGENCY RESPONSES. |          |     |        |                           |             |             |
| 0001   | 1        | EA  | 929-20 | PORTABLE BUS WASH SYSTEMS | \$14,900.00 | \$14,900.00 |
| ***** THIS IS THE END OF RFQ PTR10013 ***** TOTAL:                                     |          |     |        |                           |             | \$14,900.00 |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                                 |                                  |                                   |
|---------------------------------|----------------------------------|-----------------------------------|
| SIGNATURE<br><i>James Ar...</i> | TELEPHONE<br><b>800.265.7405</b> | DATE<br><b>NOV. 3. 2009</b>       |
| TITLE<br><b>GM</b>              | FEN<br><b>98-0404840</b>         | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS  
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

---

**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130

Technical Questions & Answers  
RFQ # PTR10013  
Portable Bus Wash Systems

- 1) The machines outlined in the spec refer to models that need 'permanent' tethering to power and water outlets. This style machine is usually operated with a trolley-line (festoon) system to carry power and water. There is no provision in the RFQ for the installation of overhead or side rail trolley-line systems. Will this information be forthcoming?  
This is a walk around unit. No installation is needed only to provide an electrical cord to the wall.
- 2) If it is the intention of the State to install a machine that requires overhead or side rail trolley-line systems, measurements and clearances of each bay would be required for correctly calculating individual installation costs (and even for making sure the in-bay installation is possible). Can the State supply a list with pertinent information of the potential locations where these machines would be installed?  
This is a walk around unit. The operator will move around the bus.
- 3) The General Specification calls for ACC or Bitimec, however, some of the details of the spec are written with the features of the ACC unit which is technology that Bitimec no longer offers. Bitimec machines have introduced several improvements that are newer approaches or solutions to the same problem. Is it safe to say the spec is being used for guidelines and are not restricting the Bitimec machine features/benefits?  
As long as it is an equal. The product bid must meet the mandatory specifications.
- 4) General Specifications, page 5 under "Mechanical" section, the tilt mechanism called out in the spec is the type used by the ACC Eco Power Brush and we feel our solution with the worm gear inclination mechanism is a safer alternative. When this is engaged only the top of the brush is tilted versus the whole base. This safety feature is especially important when the machines are operated on surfaces that are not level. Once again is it safe to say this Bitimec feature is acceptable? Yes as long as it is equal. The product bid must meet the mandatory specifications.
- 5) General Specifications, page 7 under "Assembly and Delivery" section, you are asking for "end/plug from the washer to the proper outlet." Is the bus wash supplier responsible to provide the electrical outlet box in the area where the unit will be used or will the state provide that service with approved electricians?  
The transit system will be responsible to the box.

- 6) General Specifications, page 6 under the "Rinse" section, it states "Automatic Dual Valve Assembly (installed) to allow user to operate EPB with two (2) different water sources, recycled water for the wash direction, clean water for the rinse direction." Can you please give more definition on this because this is the only place that talks about water supply? With this trolley type of machine it is recommended that there is a water supply within a close proximity to the area where you plan to park the machine when not in use. The unit will have access to a water outlet when needed.
- 7) Who is responsible to supply and install the "Automatic Dual Valve Assemblies" as well as the operation of that unit?  
The vendor/Bidder.
- 8) Would the State consider alternatives (for some locations) to the Electric Models outlined in the spec's (Bitimec 101-ST & ACC unit)? Bitimec, the Company represented by ABC-Companies in 7 locations throughout the United States and Canada, has 7 different models of machines, providing flexibility of choice in order to adapt the best potential model to a variety of washing situations, comprising of totally portable, autonomous battery or diesel operated machine that holds water and soap in the unit? These units do not have to be tethered they are operational just about anywhere. These options may prove to be a better solution for the State without all the challenges of the installation and operation of the tethered units.  
No not at this time. All units must meet the FTA Buy America standards and all other regulations.



Tel: 905.563.1444  
Fax: 905.563.4452  
Toll Free: 1.800.265.7405  
email: [info@accecopowerbrush.com](mailto:info@accecopowerbrush.com)  
[www.accecopowerbrush.com](http://www.accecopowerbrush.com)

Head Office  
4640 Falletta Court,  
Beamsville, ON  
Canada  
LOR 1B4

## Warranty ACC Eco-Power Brush

ACC International Inc. guarantees that all products are free of defects due to poor workmanship. While we carefully test and certify all products prior to shipment, our guarantee is limited to workmanship only, and only in respect of complaints of which we are notified within thirty-six (36) months of the date of substantial completion. This warranty is limited to parts and labour excluding brushes.

This warranty will be considered void if the ACC Eco-Power Brush is modified other than by ACC International Inc. or its authorized distributors or without written permission from ACC International Inc. This warranty is also voided if the product, or any item, is subject to extreme operating conditions, abuse or negligence in operation.





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## **Many Satisfied Transit Customers Across North America**

Don't just take our word for it. Feel free to contact any of your colleagues at the companies listed below to find out what they think of the original ACC Eco-Power Brush.

Atlantic City Transportation  
 B.C. Transit (Whistler)  
 Berrien Bus  
 Bis-Man Transit Board, Inc.  
 Branch Area Transit Authority

Atlantic City  
 Whistler  
 Berrien Springs  
 Bismark  
 Coldwater

New Jersey  
 British Columbia  
 Michigan  
 North Dakota  
 Michigan

CAMBUS - University of Iowa  
 Chicago Mini Bus  
 Coralville Transit  
 Charlevoix County Transit  
 Delta Area Transit Authority

Iowa City  
 Franklin Park  
 Coralville  
 Boyne City  
 Escanaba

Iowa  
 Illinois  
 Iowa  
 Michigan  
 Michigan

Farwest Transit Services  
 Go Transit  
 Go West Transit  
 Greater Glens Fall Transit  
 Hazelton Public Transit

Kelowna  
 Bramalea  
 Macomb  
 Queensbury  
 Hazelton

British Columbia  
 Ontario  
 Illinois  
 New York  
 Pennsylvania

Lake Erie Transit  
 Laidlaw Transit  
 Laidlaw Transit  
 Laidlaw Transit  
 Loudoun Country Transit Authority

Monroe  
 Blaine  
 Colorado Springs  
 Midland  
 Leesburg

Michigan  
 Minnesota  
 Colorado  
 Ontario  
 Virginia

Markham Transit  
 Mississippi State University  
 Monongalia Urban Mass Transit  
 Morgan County Area Transportation  
 MTA Bus Company

Markham  
 Mississippi State  
 Charleston  
 Decatur  
 Yonkers

Ontario  
 Mississippi  
 West Virginia  
 Alabama  
 New York

Ohio State University  
 Ottumwa Transit  
 Paducah Area Transit System  
 Portage Area Transportation Authority  
 RADAR

Columbus  
 Ottumwa  
 Paducah  
 Kent  
 Roanoke

Ohio  
 Iowa  
 Kentucky  
 Ohio  
 Virginia

Regional Transportation Program  
 Rochester City Lines  
 St. Joseph County Transportation Auth.  
 Southwest Metro Transit  
 T.A.P.S. Public Transit

Portland  
 Rochester  
 Three Rivers  
 Eden Praire  
 Sherman

Maine  
 Minnesota  
 Michigan  
 Minnesota  
 Texas

Twin Cities Area Transit  
 University of Maryland  
 University of Michigan  
 Walla Walla Valley Transit  
 Whitehorse Public Transit

Benton Harbour  
 College Park  
 Ann Arbour  
 Walla Walla  
 Whitehorse

Michigan  
 Maryland  
 Michigan  
 Washington  
 Yukon

For a complete list of customers near you, do not hesitate to contact us!

Revised 05/2007



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## Customer Comments and Testimonials

*"We have been extremely pleased with our bus washer. The results were exactly what we hoped to achieve and as promised! Our fleet has never looked better and the staff is very pleased with it's ease in handling and operation."*

**- Pam Ward, Ottumwa Transit Authority, Ottumwa, Iowa**

*"Saves maintenance costs through efficiency of man hours. No problems."*

**- Steven Allen, City of Wilsonville / SMART, Wilsonville, Oregon**

*"Great machine. Easy to use and trouble free."*

**- Dan Holter, Rochester City Bus Lines, Rochester, Minnesota**

*"TAPS has had the ACC Eco-Power Brush for several years. It has only been repaired twice, and they were minor repairs. We use it every day and it saves us hours of labor time. We wouldn't use any other method."*

**- Fred Lessly, TAPS Public Transit, Sherman, Texas**

*"Very good system, cost savings."*

**- Gary Kitchin, Paducah Transit Authority, Paducah, Kentucky**

*"When I was first looking at the Powerbrush I was told "All it does is work" He was right!"*

**- David Allen, University of Maryland, College Park, Maryland**

*"The ACC Eco-Power Brush is a very good system. It keeps our bus fleet looking great! We have both small and large buses...I would give it a A+ rating."*

**- Jim Groh, Charlevoix County Transit, Boyne City, Michigan**

*"We appreciate and enjoy our machine. We have a fleet of approximately 28 vehicles. With this washing machine the entire top to bottom can be washed in about 20 minutes rather than having to drag a ladder around and do it manually. Thanks for the continued customer support from your company. You always respond promptly and with a smile!"*

**- Debra Rains, Morgan County Area Transportation System (MCATS)  
Decatur, Alabama**



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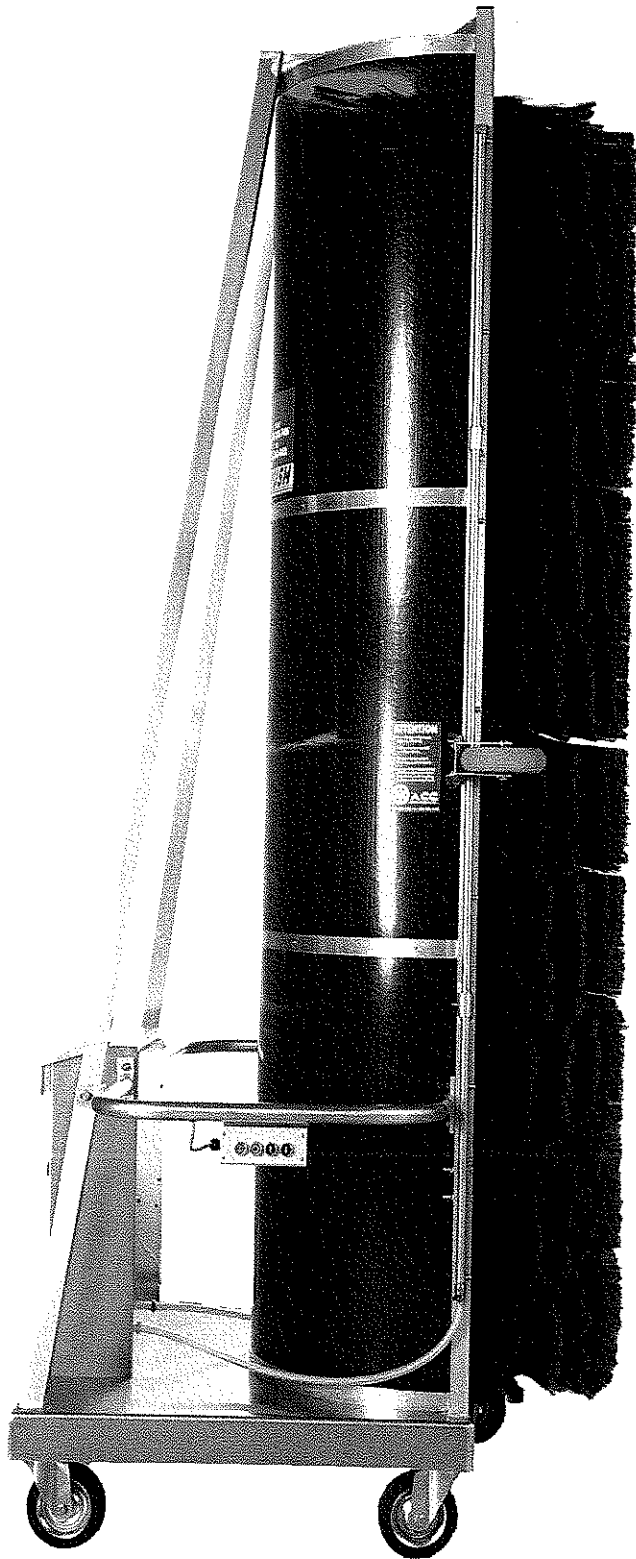
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*"We've had our Eco Brush for two years and have had "0" problems. It has been a great timesaver for us, cutting our wash time down by ¾. Great for those messy days when a bus comes in at lunch. They are washed in 5-10 minutes and go back out looking like it's been a nice day outside."*

**- Jim Sherwood, Branch Area Transit Authority, Coldwater, Michigan**

*"The ACC Eco-Power Brush is a very simple, durable machine. We are very happy with ours. In a year and a half we have had not one problem. Not one! We would be happy to recommend it to others."*

**- Bruce L. McCaw, Walla Walla Valley Transit, Walla Walla, Washington**



# Owner's Manual

- *Initial Setup*
- *Operating Instructions*
- *Parts Diagram(s)*
- *Electrical Schematics*
- *Help Desk + Tech Support*
- *Warranty*
- *Contact Information*

ACC Eco-Power Brush

Type : EPB 2000 B/BB/BCL/T

230 Volt – 3 phase

Serial #: \_\_\_\_\_



Automotive Cleaning equipment Company

T: 1.800.265.7405 Email: info@accint.ca

# ACC Eco-Power Brush: Type EPB 2000

## Initial Setup of EPB

1. Upon accepting the delivery of the Eco-Power Brush (EPB), inspect the unit and any additional parts that were shipped with the unit.
2. If there is damage to the machine and/or contents of the skid, please indicate it on the carrier's shipping documents and contact ACC International Inc. immediately to report the damage.
3. Once you have inspected the EPB, begin the setup by removing any parts that are secured to the top of the unit and place them aside, except the aluminum handles that are mounted on the 1'X4" wood.
4. Remove the four (4) bolts that secure the EPB to the skid.
5. Make sure that the wheel brake is locked. Please note, if this unit does not have a wheel lock, place a 4' long piece of wood about 10" past where the wheels will touch the ground when the machine is lifted up.
6. Stand the EPB up with two (2) people. Grasp the top of the machine, one person at each side, and lift up. As the machine begins to stand up, walk your hands down the sides of the machine until it is standing. As the base wheels begin to contact the ground, slow down the settling of the machine by placing one foot on the base and pull back on the side rails of the splash shield till the machine wheels touch the ground.
7. Remove the handles with the push buttons, from the upright supports of the machine and take all the packing off them.
8. Remove the fastening bolts and nuts from the three (3) areas where the handles will be bolted to the frame:
  - two (2) nuts on the control box,
  - two (2) bolts on the splash shield

- *Con't on following page*

- one (1) on the back support of the Eco-Power Brush.



9. First, push the excess wire for the handle controls into the hole in the control box cavity. Then fasten the handle in place by replacing all the nuts and bolts. Do not over-tighten.

10. Repeat this procedure for the handle on the other side of the EPB.
11. Next, install the safety distance wheels. These are the grey wheels that are mounted on the aluminum brackets. They are mounted on each side of the brush, on the aluminum upright, at a height of  $\pm 5 \frac{1}{2}'$ . Please note, some units can accommodate four (4) safety distance wheels, an upper and a lower wheel on each side of the brush.



12. Remove the nuts and washers on the back of the splash shield supports.
13. Install the safety distance wheels with the washer on the top, and the cotter pin at the bottom.

14. You can now proceed to assembly and connection of the power cord and water hose.

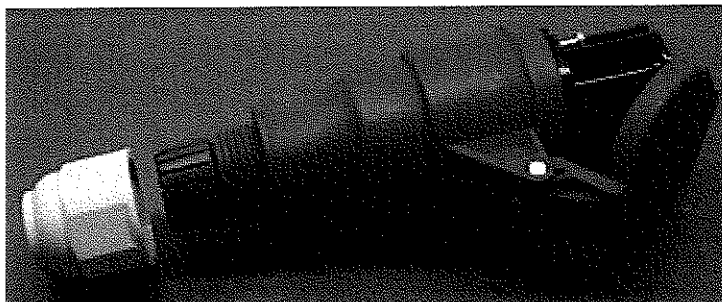
# ACC Eco-Power Brush: Type EPB 2000

## Electrical Cord Connection

In most cases the electrical cord set for the ACC Eco-Power Brush (EPB) will be assembled for your unit. If it is not, or you purchased your own electrical cord, the red cord end for the electrical connection to the EPB, will be supplied to you with your shipment.

### Electrical Cord Set

1. To connect the red cord end to your electrical cord, first it is necessary to separate it into three (3) parts, the bottom grey nut, the red body, and the black insert.



2. Feed the electrical cord through the grey nut and the red body approximately 12" past the hinged lid.
3. Strip the cord sheath, about 2" from the end and strip the conductor insulation 3/8".
4. **For 230 Volt – 3 phase units**, connect the exposed wires to the black insert based on the following:
  - black conductor is connected to L1 terminal
  - white conductor is connected to the L2 terminal
  - red conductor is connected to the L3 terminal
  - green conductor connected to the ground terminal, raised and labeled "PE".
5. Reassemble the three (3) sections of the cord end. Open the hinged cover, slide the red body over the black insert and tighten the two Philips screws. Next, slide the grey nut over the bottom of the red body and tighten.

6. Attached the appropriate cord end (male), to match your building's 230-volt electrical outlet (female). As there are a multiple of configurations, ACC International Inc. does NOT supply the parts for this connection.

NOTE: When starting the EPB from the side control panel, the brush tips that are to touch the vehicle should spin away from you. This is done to keep the operator dry and make the unit easy to move. If the EPB is spinning toward you, turn off power and unplug the cord and "swap" the white and red conductors at the male cord end you just installed. Repeat steps 5 and 6; your EPB should now spin in the correct direction.

## **Water Hose Connection**

1. For the hose connections install the supplied hose ends on your hose.
2. Connect the hose to the EPB by mating the brass quick connect coupler to the matching coupler on the EPB and turning clockwise  $\frac{1}{4}$  turn.

Turn on electrical power and water supply and...

## ***Show Time!***

you are now ready to start enjoying the benefits of  
the original ACC Eco-Power Brush.



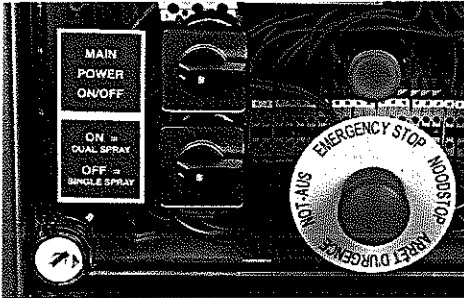
# ACC Eco-Power Brush: Type EPB 2000

## General Operating Instructions

1. **PRE-Rinse** – If the vehicle has a lot of sand or other abrasives on the surface, give the vehicle a quick rinse with a water hose. This will aid in protecting the paint surface of the vehicle.
2. **PRE-Shampoo (Bus)** – Apply shampoo to the lower part of the vehicle paying special attention to dirtier areas. You do not have to apply shampoo to the windows or above the window area.

**PRE-Shampoo (Truck)** – Apply shampoo to the vehicle paying special attention to dirtier areas, such as the top rub rail at the front, and all door hardware. These areas tend to collect exhaust, oil, grease and excess road grime.

3. Position the Eco-Power Brush at one of the corners of the vehicle. The safety distance wheels should be approximately 5 inches away from the surface of the vehicle.

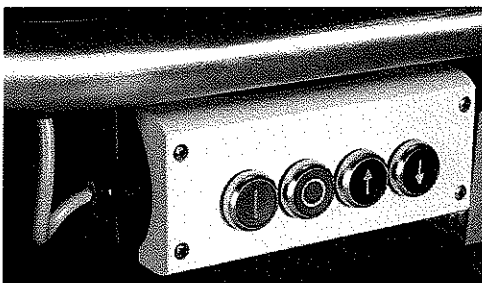


4. Turn on the main power switch - located on the front control panel. If the power is on, then the green light will be on.

5. The emergency stop switch (large red switch) on the front panel must be pulled out. **If this is not done, the machine will not start.**

**DO NOT use this button to turn off the EPB, use the main ON/OFF switch located on the front panel.**

6. The operator will be on the same side of the Eco-Power as the direction of washing.



7. If required, adjust the position and tilt using the tilting (↑ ↓) buttons as required. For optimal cleaning, only the tip of the brush materials (approximately 4 inches) should touch the surface to be cleaned.

**Important: Only Tilt the Eco-Power Brush When It Is Next To A Vehicle.**

8. Push in the green button to activate the ACC Eco-Power Brush. (The red button is a stop.)
9. Guide the machine along side of the vehicle with a pulling motion, walking backwards. You will find that rotation of the brush is sufficient to move the Eco-Power Brush.
10. To turn corners, it is easiest to work with the Eco-Power Brush in a completely vertical position (no tilt).
11. Under normal circumstances and conditions, one pass with the brush may be sufficient to completely clean the surface. In the event of dirty spots, it may be necessary to reverse the direction of the brush to cover the area twice.

*Tip: Two quick passes with the Eco-Power Brush is better than one slow pass.*



On the return pass, extra rinse water may be required if:

- No pre-shampoo was applied.
- Extra shampoo was applied.

Activate the dual spraying system by turning on the single/dual spray switch, located on the front control panel, below the main power on/off switch. This allows water to spray on both sides of the brush.

***IMPORTANT: If you have the optional overhead installation:***

To keep all overhead equipment (hose and cord) from becoming entangled, each complete vehicle pass should be done in an opposite direction.

For example:

First pass – clockwise; Second pass - counter clockwise; Third pass – clockwise;



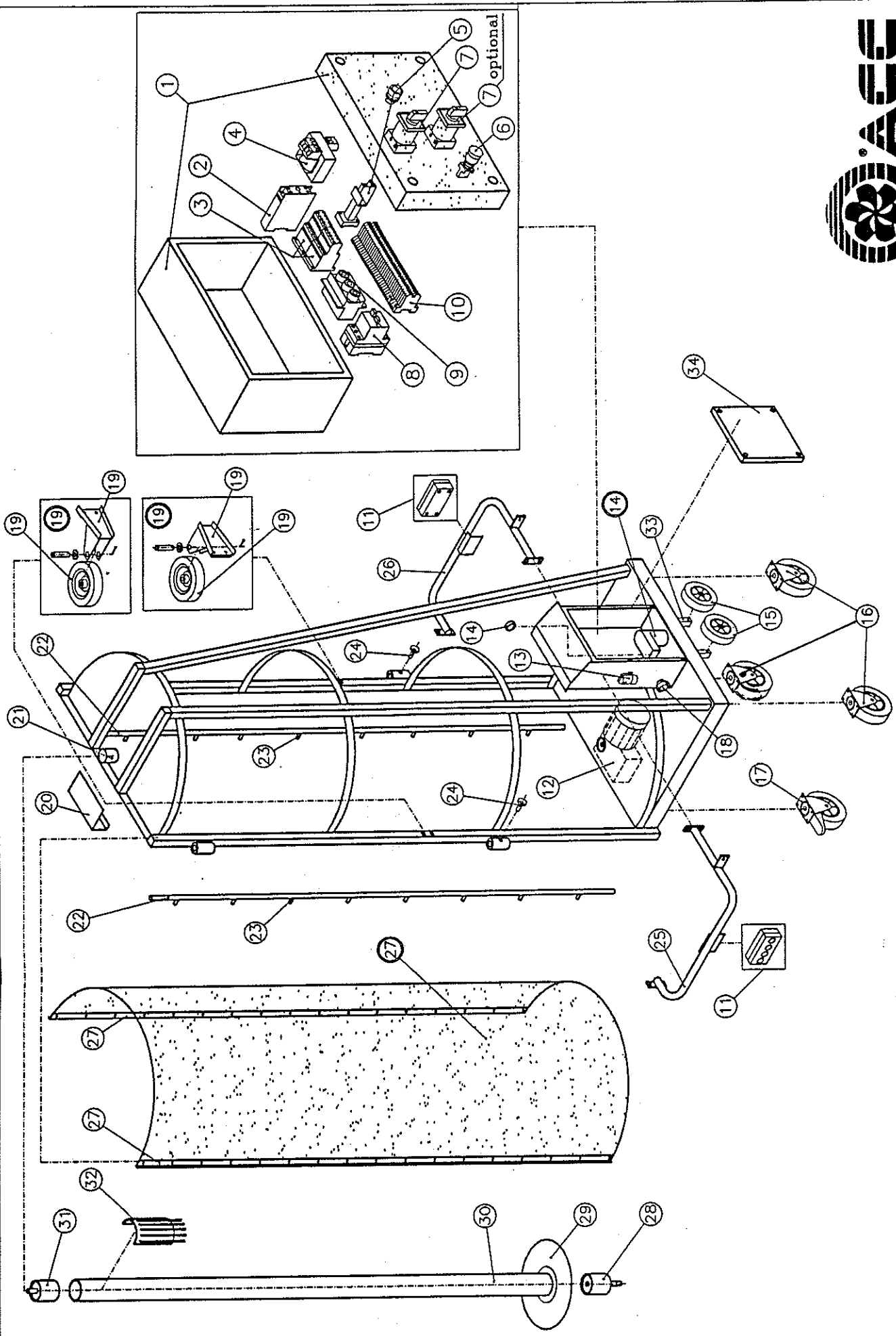
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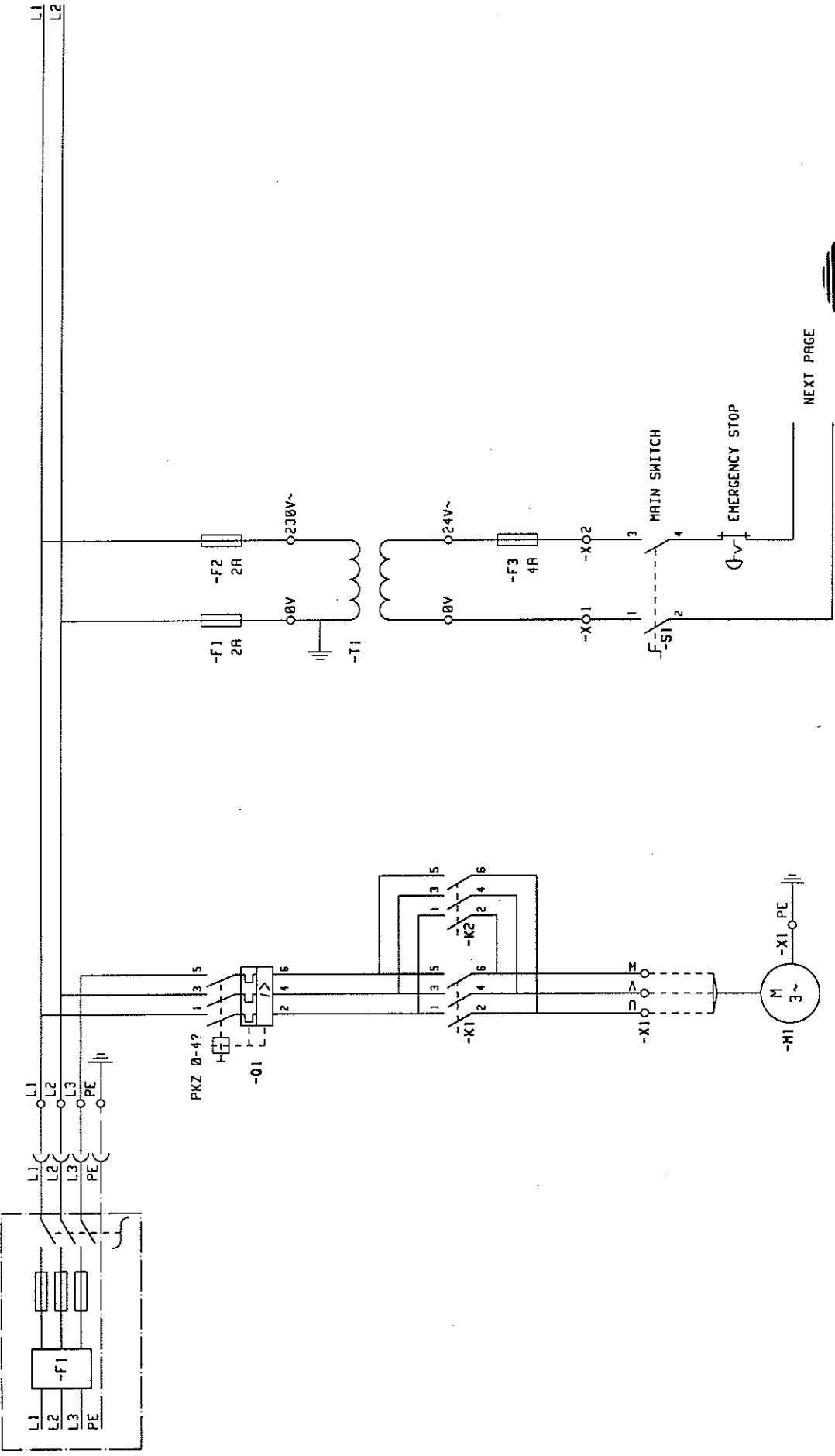
Parts List for ACC Eco-Power Brush

Type EPB2000

| Item # | Part #            | # of Pieces | Description  |
|--------|-------------------|-------------|--|
| 1      | 1001A1            | 1           | Main Control Panel (complete) - 1 phase            |
|        | 1001A3            |             | Main Control Panel (complete) - 3 phase            |
| 2      | 1002A             | 1           | Electronic Timing Relay (ETR) SAIA 9549            |
| 3      | 1003AN            | 2           | Top Relay (K1 & K2) - 1 or 3 phase - 31DILM        |
|        | 1003BN            |             | Bottom Relay (K1 & K2) - 1 or 3 phase - DIL00AM-10 |
| 4      | 1004              | 1           | Steering Transformer to 24 Volts - MARX B530 126 C |
| 5      | 10005A-O          | 1           | Indicator Lamp - Complete                          |
|        | 1005B-O           | 1           | Green Lens - complete - RL-GN-S                    |
|        | 1005C-O           | 1           | Bulb - 24 Volt                                     |
| 6      | 1006AN            | 1           | Emergency Stop Button - Red                        |
| 7      | 1007A1            | 1           | Main Switch On/Off                                 |
| 7      | 1007B             | 1           | Single/Dual Spray Switch                           |
| 8      | 1008              | 1           | Manual Motor Protector / Reset - PKZM1-16 OR-10    |
| 9      | 1009A             | 1           | Fuse Element @ 2amp - DO1-2A                       |
|        | 1009B             |             | Fuse Element @ 4amp - DO1-4A                       |
| 10     | 10010             | 1           | Terminal Board                                     |
| 11     | 10011AO           | 2           | Side Control Boxes: Start / Stop / Up / Down - I4M |
| 12     | 10012A1           | 1           | Electric Motor (geared) 230 Volt 1 phase 60 Hz     |
|        | 10012A3           | 1           | Electric Motor (geared) 230 Volt 3 phase 60 Hz     |
| 13     | 10013             | 1           | Electrical Receptor                                |
| 14     | 10014A            | 1           | Tilt Unit - Cylinder complete with valves          |
|        | 10014B            | 1           | 3-Way Electric Valve                               |
|        | 10014C            | 1           | 1-Way Electric Valve                               |
|        | 10014D            | 1           | Screen   |
|        | 10014E            | 1           | Non-Return Valve                                   |
|        | 10014F            | 1           | Throttle Valve (BB & TB models)                    |
| 15     | 100B15            | 2           | Tilting Wheels                                     |
| 16     | 100B16A           | 3           | Caster Wheels Complete                             |
| 17     | 100B17            | 1           | Caster With Brake                                  |
| 18     | 10018             | 1           | Hose Quick Coupler - Female on EPB                 |
| 19     | 10019A            | 2           | Safety Distance Wheel Assembly                     |
| 20     | 10020             | 1           | Bearing Cover                                      |
| 21     | 10021A            | 1           | Top (upper) Bearing Complete                       |
| 22     | 10022A            | 2           | Spray Pipe   |
| 23     | 10023B            | 12          | Spray nozzles (B & BB models)                      |
|        | 10023T            | 18          | Spray nozzles (T & TB models)                      |
| 24     | 10024             | 2           | Spray Pipe Holder - Black                          |
| 25     | 10025             | 1           | Handle Tube Left - Aluminum Grip w/ Control        |
| 26     | 10026             | 1           | Handle Tube Right - Aluminum Grip w/ Control       |
| 27     | 10027A            | 1           | Splash Proof Enclosure (Shield) All Heights        |
|        | 10027B            | 2           | Splash Proof - Fence (Aluminum Strip)              |
| 28     | 10028A1           | 1           | Bottom (Lower) Drive Shaft (1 phase)               |
|        | 10028A3           | 1           | Bottom (Lower) Drive Shaft (3 phase)               |
| 29     | 10029             | 1           | Rubber Plate                                       |
| 30     | 10030             | 1           | Shaft - Complete Including Top and Bottom          |
| 31     | 10031             | 1           | Top (upper) shaft                                  |
| 32     | (vary by machine) |             | Brush semi-sections                                |
| 33     | 10033             | 1           | Tilting Frame                                      |
| 34     | 10034             | 1           | Aluminum Cover Plate                               |
| 35     | 10035             | 1           | Motor Cover  |



2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78



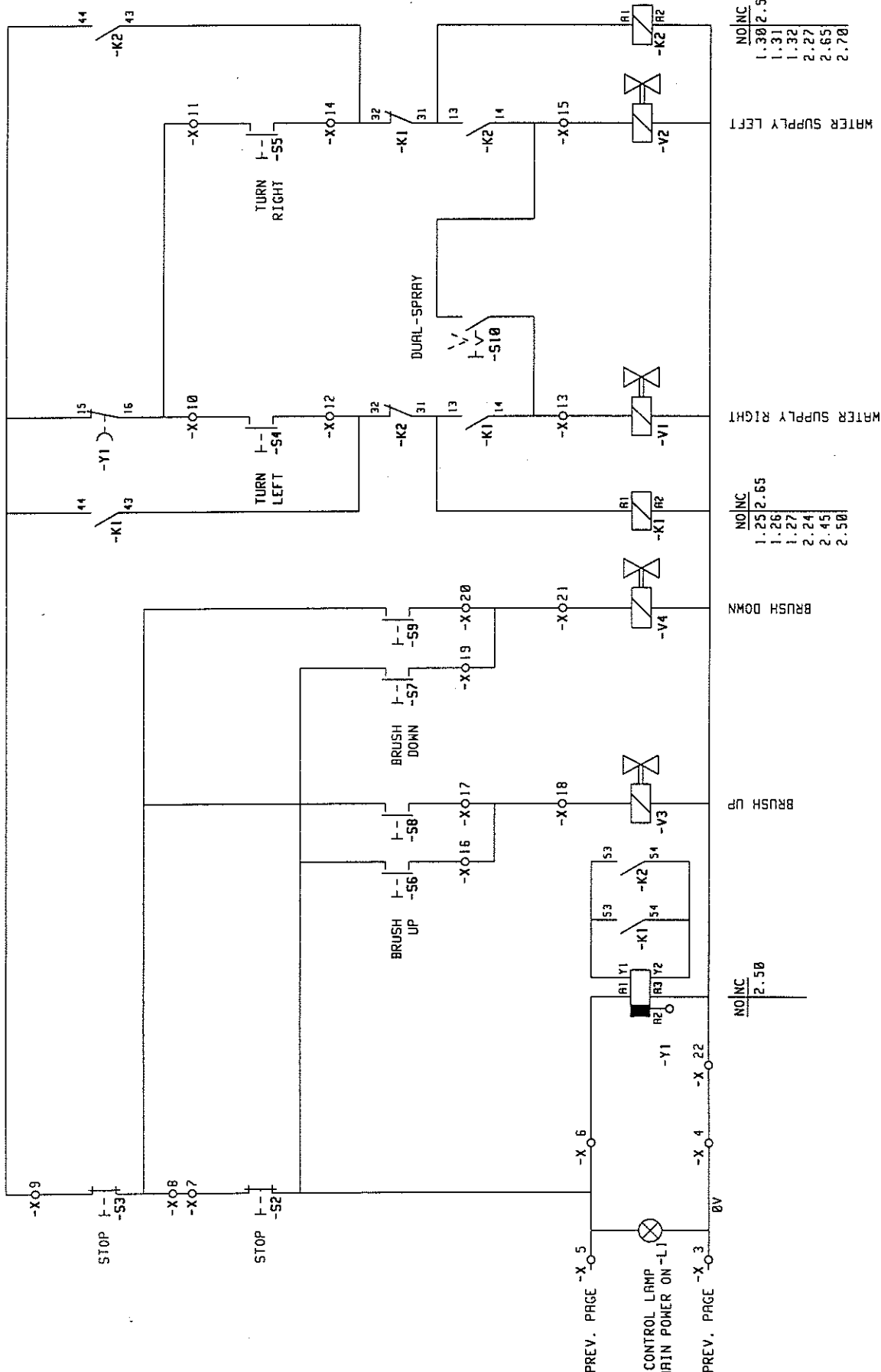
NEXT PAGE



230/60Hz  
3PH 1,5kW 6,7A

| MODIFICATIONS INDEX | DATE | NAME | DATE     | NAME | PROJECT NAME                   | PRODUCT GROUP | DRAWING NO.     | DATE                             | INF. |
|---------------------|------|------|----------|------|--------------------------------|---------------|-----------------|----------------------------------|------|
| a                   |      |      | 04.09.95 | BKI  | MOTORRELAY AND SUPPLY - 3 FASE | ACC           | ACC             | 1995                             | 1995 |
| b                   |      |      |          |      | ECO-POWER BRUSH - 3 FASE       |               |                 |                                  |      |
| c                   |      |      |          |      |                                |               |                 |                                  |      |
| d                   |      |      |          |      |                                |               |                 |                                  |      |
|                     |      |      |          |      |                                |               | COMPANY :       | AUTOMOTIVE CLEANING EQUIP. COMP. |      |
|                     |      |      |          |      |                                |               | PROJECT NAME :  | ECO-POWER BRUSH - 3 FASE         |      |
|                     |      |      |          |      |                                |               | PRODUCT GROUP : | ACC                              |      |
|                     |      |      |          |      |                                |               | DRAWING NO. :   | ACC                              |      |
|                     |      |      |          |      |                                |               | DATE :          | 1995                             |      |
|                     |      |      |          |      |                                |               | INF. :          | 1995                             |      |
|                     |      |      |          |      |                                |               | PROJECT NAME :  | ECO-POWER BRUSH - 3 FASE         |      |
|                     |      |      |          |      |                                |               | COMPANY :       | AUTOMOTIVE CLEANING EQUIP. COMP. |      |
|                     |      |      |          |      |                                |               | PROJECT NAME :  | ECO-POWER BRUSH - 3 FASE         |      |
|                     |      |      |          |      |                                |               | PRODUCT GROUP : | ACC                              |      |
|                     |      |      |          |      |                                |               | DRAWING NO. :   | ACC                              |      |
|                     |      |      |          |      |                                |               | DATE :          | 1995                             |      |
|                     |      |      |          |      |                                |               | INF. :          | 1995                             |      |
|                     |      |      |          |      |                                |               | PROJECT NAME :  | ECO-POWER BRUSH - 3 FASE         |      |
|                     |      |      |          |      |                                |               | COMPANY :       | AUTOMOTIVE CLEANING EQUIP. COMP. |      |
|                     |      |      |          |      |                                |               | PROJECT NAME :  | ECO-POWER BRUSH - 3 FASE         |      |
|                     |      |      |          |      |                                |               | PRODUCT GROUP : | ACC                              |      |
|                     |      |      |          |      |                                |               | DRAWING NO. :   | ACC                              |      |
|                     |      |      |          |      |                                |               | DATE :          | 1995                             |      |
|                     |      |      |          |      |                                |               | INF. :          | 1995                             |      |

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78



| NO/NC | NO/NC |
|-------|-------|
| 1.30  | 2.50  |
| 1.31  |       |
| 1.32  |       |
| 2.27  |       |
| 2.65  |       |
| 2.78  |       |

WATER SUPPLY LEFT

WATER SUPPLY RIGHT

| NO/NC | NO/NC |
|-------|-------|
| 1.25  | 2.65  |
| 1.26  |       |
| 1.27  |       |
| 2.24  |       |
| 2.45  |       |
| 2.50  |       |

BRUSH DOWN

BRUSH UP

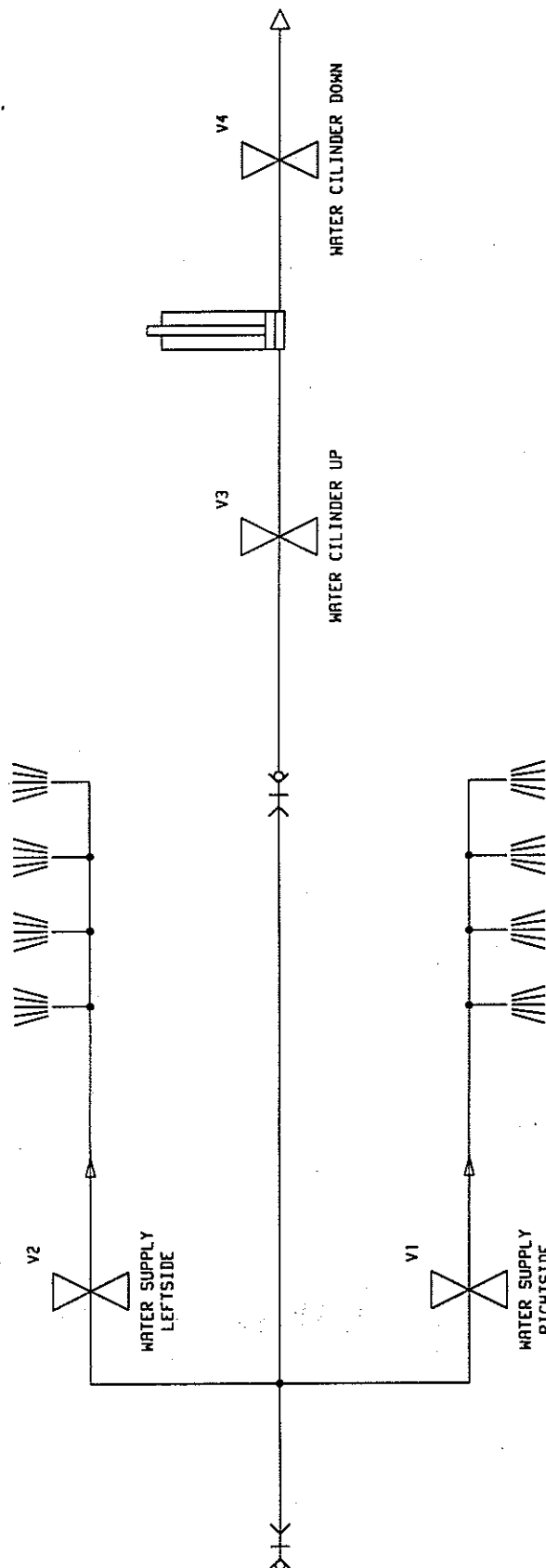
| NO/NC | NO/NC |
|-------|-------|
| 2.50  |       |

| MODIFICATIONS | INDEX | DATE | NAME | DATE | NAME | DATE | NAME | PRODUCT GROUP | DRAWING NO. | TNF  |
|---------------|-------|------|------|------|------|------|------|---------------|-------------|------|
| a             |       |      |      |      |      |      |      | ACC           | 1995        | 1995 |
| b             |       |      |      |      |      |      |      |               |             |      |
| c             |       |      |      |      |      |      |      |               |             |      |
| d             |       |      |      |      |      |      |      |               |             |      |

PAGE NAME : CONTROL CURRENT 24VAC  
 PROJECT NAME : ECO-POWER BRUSH - 3 PHASE  
 ACC inc.  
 TELEPHONE : 1-800-265-7405  
 TELEFAX : (905) 563-4452

DRAWING NO. : ACC  
 COMPANY : AUTOMOTIVE CLEANING EQUIP. COMP.

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|                     |      |      |          |      |                            |  |                          |                                 |               |        |    |
|---------------------|------|------|----------|------|----------------------------|--|--------------------------|---------------------------------|---------------|--------|----|
| MODIFICATIONS INDEX | DATE | NAME | DATE     | NAME | ACC inc.                   |  | PAGE NAME :              | PRODUCT GROUP :                 | DRAWING NO. : | INF :  |    |
|                     |      |      | 19.09.95 | BKI  | TELEPHONE : 1-800-265-7405 |  | ECO-POWER - WATERCIRCUIT | RCC                             | - 1995 3      | 1995_3 |    |
|                     |      |      |          |      | TELEFAX : (905) 563-4452   |  |                          |                                 |               |        |    |
|                     |      |      |          |      |                            |  |                          |                                 |               |        |    |
|                     |      |      |          |      |                            |  | COMPANY :                | RUTOMOTIVE CLEANING EQUIP COMP. |               |        |    |
|                     |      |      |          |      |                            |  |                          |                                 |               | PAGE   | 1  |
|                     |      |      |          |      |                            |  |                          |                                 |               | OF     | 13 |

# ACC Eco-Power Brush: Type EPB 2000

## *Help Desk + Technical Support*

ACC International Inc. offers a Help Desk + Technical Support to assist you with any issues you may have with the original ACC Eco-Power Brush (EPB). This service is available Monday to Friday, 8:30 a.m. to 5:00 p.m. (Eastern Standard Time). **Simply contact our office at 1.800.265.7405.**

Before contacting us, we suggest you review the following common problems and solutions.

***PROBLEM: The Eco-Power Brush (EPB) will not start.***

**SOLUTION: Please check the following:**

- Check that the emergency stop button is pulled out – this is the “on” position.
- Check that the main on/off button is in the “on” position.
- Make sure the power cord is plugged in at the wall and on the EPB.
- Make sure the building breaker/disconnect is on and supplying power.

If the above recommendations are correct, but the EPB still will not start, most often the issue is with the electrical cord.

### ***IMPORTANT! ALWAYS DISCONNECT POWER SUPPLY BEFORE SERVICING***

After disconnecting the power cord from the main building power supply, it is recommended that you check the power cord for any signs of damage, starting from the EPB and working toward the other end. If you have the overhead installation, the most common problem area for damage is between the EPB and the first roller. This is due to the overhead hose and cord being tangled and stressed due to operator error. (See Operating Instructions).

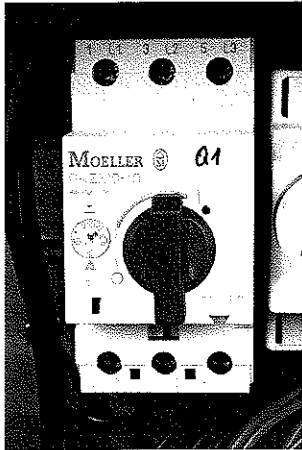
As this electrical cord will carry the 230 volt electrical power required to operate the EPB, it is very important that any and all repairs are done correctly. Additionally, it is necessary to verify that you have correct line voltage supplied to the EPB from your facility's electrical panel. ACC International Inc. recommends contacting an electrician or an ACC Factory Trained Technician to conduct testing and electrical repairs.

**Please contact our technical support division, at 1.800.265.7405, for additional assistance.**



**PROBLEM:** *The water sprays but the brush does not spin.*

**SOLUTION:** Check and reset the internal motor protection breaker:



1. Disconnect the power from the EPB by unplugging the red cord end.
2. Open the front panel.
3. The internal breaker is located in the top left corner of the main control panel; it is marked as "Q1". It will have all black wires (230V)
4. Reset this breaker by turning the front dial switch first to point at
5. "O", and then at "I".

*Note: This internal breaker will trip if too much strain is put on the spinning brush. This is usually a result of the operator positioning the EPB too close to the side of the vehicle. Please see the Operating Instructions portion of this manual for correct operating procedures.*

**PROBLEM:** *The brush spins but there is no water, or low water, flow from the spray nozzles.*

**SOLUTION 1:** Check the hose for any kinks and/or pinches that would restrict water flow, especially if you have the overhead installation.

- Visually inspect the water hose from EPB to source, untangling and straightening, as required.

*Note: If the overhead installation is tangled, this is a result of the operator(s) continually using the EPB in the same direction. Please see the Operating Instructions portion of this manual for correct operating procedures.*

**SOLUTION 2:** Check the EPB water inlet screen.



1. Check that the emergency stop button is pulled out – this is the "on" position
2. Check that the main on/off button is in the "on" position.
3. Turn the water supply off and release the pressure by engaging both tilting up and down functions simultaneously. This creates an open water "circuit" and will drain off any water under the base.
4. Disconnect the water supply at the base of the EPB, at the brass coupler.
5. On the EPB, there is an external rubber washer screen that may be plugged and restricting water flow.
6. Clean the exterior screen to allow water flow.
7. Reconnect the water hose at the brass coupler and turn the water supply on.
8. Test by running EPB per General Operating Instructions.
9. If water flow is still poor, please contact our technical support division, at 1.800.265.7405, for additional assistance.

**IMPORTANT!**

**Do not allow any particles to enter the EPB as the three way valve assembly, located behind this brass coupler, is extremely sensitive. If damaged, this part is not repairable and will need to be replaced.**



Tel: 905.563.1444  
Fax: 905.563.4452  
Toll Free: 1.800.265.7405  
email: [info@accecopowerbrush.com](mailto:info@accecopowerbrush.com)  
[www.accecopowerbrush.com](http://www.accecopowerbrush.com)

Head Office  
4640 Falletta Court,  
Beamsville, ON  
Canada  
LOR 1B4

## Warranty ACC Eco-Power Brush

ACC International Inc. guarantees that all products are free of defects due to poor workmanship. While we carefully test and certify all products prior to shipment, our guarantee is limited to workmanship only, and only in respect of complaints of which we are notified within thirty-six (36) months of the date of substantial completion. This warranty is limited to parts and labour excluding brushes.

This warranty will be considered void if the ACC Eco-Power Brush is modified other than by ACC International Inc. or its authorized distributors or without written permission from ACC International Inc. This warranty is also voided if the product, or any item, is subject to extreme operating conditions, abuse or negligence in operation.

## Contact Information:

**ACC International Inc.**

4640 Falletta Court,

Beamsville, ON

CANADA L0R 1B4

Toll Free: 1.800.265.7405

Telephone: 905.563.1444

Fax: 905.563.4452

Email : [info@accint.ca](mailto:info@accint.ca)

Web: [www.accint.ca](http://www.accint.ca)



STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

*West Virginia Code* §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

**PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:**

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

**ANTITRUST:**

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

**LICENSING:**

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: ACC INTERNATIONAL INC.

Authorized Signature:  Date: Nov. 3. 2009