

Terms of Reference for an Airport Sweeper

for

Aeropuerto Internacional Reina Beatrix.



CAPEX 19-098-03
August 22, 2019.

Description of Terms of Reference (T.O.R) for Airport Sweeper

Drivers cabin with Air Conditioning
Steering - Single Left Side Steering (similar to USA)
Colour International yellow RAL 1003
Company Logo on both sides of hopper
LED amber strobe light 60-90fpm on the roof top
Radio Communication VHF
Capacities hopper 6 to 8 m³
First Aid kit (Basic)
Fire extinguisher BC 5lb installed in driver cabin

Detachable Magnet sweeper(front or rear)
Side rear view mirrors and front view mirror
Coating against corrosion(see vehicle features)
Turbocharged Diesel Engine
Automatic transmission
Model 2019 or newer
Stainless steel recovery tank
Spray water nozzles system(see vehicle features)
Driver side adjustable blower(see vehicle features)
Driver side wandering suction hose(see vehicle features)
High pressure washer with reel and gun(see vehicle features)
Airport fluid spill recovery (Vacuums Fuel and Hydraulic oil of the ground)
Roof top LED work lights (Front, back and sides)
Backup alarm
Backup sensors and camera
One service kit(filters, etc.)
Manuals (maintenance,parts and operational)
Spare parts (water pump,2 pc's tires &wheel)
Five days training for Operators and Technician at AIRB
Best Warranty on all electrical, engine and pneumatic system

General Requirements:

Airport sweeper to sweep and clean the Runway, Taxiways, parking stands and service roads from FOD's and Spills.



General Conditions:

- Equipment Model : Year 2019 or newer.
- Color : International yellow RAL 1003
- Coating : Coated against corrosion, full undercoat chassis, hopper tank and paint coating to protect against UV rays.

Drivers Cabin

- Steering : Single left side (similar to USA)
- Seating : Double seating man (driver and passenger)
- Air-conditioning : Included in Cabin
- Company logo : Logo to be placed at each front door of the truck
Note: Logo to be supplied and exact locations to be determined at a later stage by AAA N.V.
- Beacon : Amber strobe light on the roof top 60-90fpm.
- Radio : AM/FM
- Safety : 1 Fire extinguisher in driver cabin type: 5 lb BC
- Glass : Factory driver side /co-driver side power windows
- Wind shield : Wind shield protector
- Lighting : Halogen Head lights
Roof top LED lighting (Front, back and on sides)
- Safety : Basic First Aid box, Safety Belt.
- Gauge : Warning lights and buzzer to indicate oil pressure, coolant temperature, voltmeter, water tank level, Tachometer, Fuel gauge, hydraulic system and Hopper up/down indicator.

Vehicle aspects

- Engine : Turbocharged Diesel
- Horsepower : Minimum 200HP
- Transmission : Automatic
- Steering : Power steering
- Electrical system : 12V or 24V
- Brakes : ABS / Air pressure

Vehicle Features

- Water spray nozzle system : System flow least 20GPM
System pressure least 18bar
Spray water on the brushes and high-pressure sprayer system beneath the vehicle for cleaning surfaces.
This system needs to be able to spray chemical to breakdown oil/fuel spills.

- Hopper, hose lines, pumps, connectors, injectors and O-rings all must be chemical resistant.
- Blower : Driver side (left)
Blower rating least 20,000 CFM
Blower construction of a resistant material or stainless steel
- Broom brushes : Dual side brushes with vacuum and water sprayer
: Roller brushes
- Spray Water Nozzles : Spray water on the brushes and high-pressure sprayer system beneath the vehicle for cleaning subfaces.
- Instrumentations/ controls : Centred control panel with switches to control all above mention.
- Pressure washer : Reel with hose and gun for wash down the equipment and inside hopper container.
- Wandering vacuum hose : Driver side wandering suction hose for cleaning up ditches, FOD's, suction cleaning in inaccessible areas.
Vacuums liquids as solid FOD's.

Manuals

- : Maintenance manual.
- : Parts manual.
- : Operations manual.
- : Preventive maintenance manual.
- : In Digital optional

Spare parts

- : Front and rear Spare tires.
Filters necessary for one-year maintenance, critical parts with list.

Service Level Guarantee

- : Ability for timely parts provision & warranty replacements will be critical in this evaluation.
Please include list of customers with contact information!

Training

- : minimum 1 day for operation training on operation & minimum 5 days for maintenance and troubleshooting for our personnel by the supplier onsite at our airport free of any charges.

Warranty

- : warranty included for a minimum of 24 months after commissioning and acceptance. This includes the electrical, engine, transmission, hydraulic and mechanical systems of the equipment.

Time of delivery

- : Within 16-20 weeks after signing the purchasing

agreement.

Shipment

: Sea freight charges and transport insurance (CIF) to Oranjestad, seaport Aruba, Dutch Caribbean. Pre-Delivery Inspection prior shipment to Aruba Airport Authority.

Price

: price in USD (\$), Euro's (€) or AWG.

Payment Terms

: AAA prefers to pay directly to supplier a portion of the purchase price based on proof of manufacturing and/or shipping (e.g. bill-of-lading documents with official stamp). Payment of remainder portion of the purchase price is customary upon receipt and satisfactory acceptance of delivery of goods and/or services at Aeropuerto Internacional Reina Beatrix. The use of an irrevocable standby Letter of Credit may be an option as a form of guarantee payment however this option depends on the purchase price and if the purchase is with a supplier in a country other than Aruba. 50% Prepayment upon signing of purchase agreement / award and purchase. 45% payment on Bill of Lading with original stamp. 5% payment after delivery and acceptance.

Final date for submission of a Proposal

: Tuesday October 1st, 2019 11:00 hrs.

Aruba Airport Authority N.V.
Aruba, August 22, 2019

