

		SCOPE OF WORKS
	SITE COLLECTIONS	
	Route 1	
	Satellite Stations – MSO	<ol style="list-style-type: none"> Provide new colour coded wheelie bins for designated areas at start of contract for the collection of waste. Service provider to provide a sufficient number of waste bins to allow for rotation of bins on a daily basis. Ensure satellite station is in a clean and hygienic state from commencement of airport operations daily. Collect full or soiled wheelie bins and transport by vehicle to basement sortation facility. Replace wheelie bins that have been removed with clean bins.
	Satellite Stations – Terminal North	<ol style="list-style-type: none"> The service provider is to make the necessary allowances for collection vehicles and driving personnel. Service Provider to ensure good housekeeping standards are maintained at all times.
	Satellite Stations – Basement South	<ol style="list-style-type: none"> The service provider will ensure that broken and damaged bins are taken out of circulation and are replaced. The service provider must make allowance for additional clean bins for rotation. Frequency for collection is not fixed. The service provider will be required to develop schedules that best suit operations on site in order to optimize the service and provide efficiencies in terms of cost, time and quality. In addition the service provider will ensure daily inspections are carried out every morning within 3 hours of commencing operations. The supervisor will determine if deviations from the agreed schedule are required based on site conditions. ACSA may call upon the service provider to amend the schedules from time to time based on prevailing site conditions. The schedule indicating number of bins and frequency of each collection route attached is provided for information purposes only. The schedule is based on historic practise at the airport. It is intended that bidders use this information to optimize this service. Providing both operational and cost efficiencies all in line with applicable regulations and legislation.
	Route 2	
	Airside	
	<ul style="list-style-type: none"> Air Mercy Services (AMS) Area Maintenance, Fire & Rescue (ARFF) & Stores Buildings North Gate (Airside) Charlie Apron Alpha Apron South Gate (Airside) Staff processing (Airside) Fuel Forward Facility 	<ol style="list-style-type: none"> Provide new colour coded wheelie bins for designated areas at start of contract for the collection of waste. Service provider to provide a sufficient number of waste bins to allow for rotation of bins. Ensure collection points is in a clean and hygienic state from commencement of airport operations daily. Collect full (75% of bins capacity) or soiled wheelie bins and transport by vehicle to the basement sortation facility. Replace wheelie bins that have been removed with clean bins. The service provider is to make the necessary allowances for collection vehicles and driving personnel. Service Provider to ensure good housekeeping standards are maintained at all times. The service provider will ensure that broken and damaged bins are taken out of circulation and are replaced. The service provider must make allowance for additional clean bins for rotation. Frequency for collection is not fixed. The service provider will be required to develop schedules that best suit operations on site in order to optimize the service and provide efficiencies in terms of cost, time and quality. In addition the service provider will ensure daily inspections are carried out every morning within 3 hours of commencing operations. The supervisor will determine if deviations from the agreed schedule are required based on site conditions. ACSA may call upon the service provider to amend the schedules from time to time based on prevailing site conditions. The schedule indicating number of bins and frequency of each collection route attached is provided for information purposes only. The schedule is based on historic practise at the airport. It is intended that bidders use this information to optimize this service. Providing both operational and cost efficiencies all in line with applicable regulations and legislation.
	Route 3	
	Landside	
	<ul style="list-style-type: none"> North Effluent plant Air Traffic Control North Gate (Landside - Outside) North Gate (Staff Parking) Sports Field Delivery Gate Fuel Storage – Agrizone South Effluent plant Sasol Garage Area 	<ol style="list-style-type: none"> Provide new colour coded wheelie bins for designated areas at start of contract for the collection of waste. Service provider to provide a sufficient number of waste bins to allow for rotation of bins. Ensure collection points is in a clean and hygienic state from commencement of airport operations daily. Collect full or soiled wheelie bins and transport by vehicle to the basement sortation facility. Replace wheelie bins that have been removed with clean bins. The service provider is to make the necessary allowances for collection vehicles and driving personnel. Service Provider to ensure good housekeeping standards are maintained at all times. The service provider will ensure that broken and damaged bins are taken out of circulation and are replaced. The service provider must make allowance for additional clean bins for rotation. Frequency for collection is not fixed. The service provider will be required to develop schedules that best suit operations on site in order to optimize the service and provide efficiencies in terms of cost, time and quality. In addition the service provider will ensure daily inspections are carried out every morning within 3 hours of commencing operations. The supervisor will determine if deviations from the agreed schedule are required based on site conditions. ACSA may call upon the service provider to amend the schedules from time to time based on prevailing site conditions. The schedule indicating number of bins and frequency of each collection route attached is provided for information purposes only. The schedule is based on historic practise at the airport. It is intended that bidders use this information to optimize this service. Providing both operational and cost efficiencies all in line with applicable regulations and legislation.
	Route 4	
	Airside to Landside	<ol style="list-style-type: none"> Provide new colour coded wheelie bins for designated areas at start of contract for the collection of waste. Service provider to provide a sufficient number of waste bins to allow for rotation of bins. Collect waste and transport to the basement sorting area. Ensure there is a sufficient number of clean wheelie bins to accommodate the waste volumes generated. The service provider will ensure that broken and damaged bins are taken out of circulation and are replaced. The service provider must make allowance for additional clean bins for rotation. Frequency for collection is not fixed. The service provider will be required to develop schedules that best suit operations on site in order to optimize the service and provide efficiencies in terms of cost, time and quality. In addition the service provider will ensure daily inspections are carried out every morning within 3 hours of commencing operations. The supervisor will determine if deviations from the agreed schedule are required based on site conditions. ACSA may call upon the service provider to amend the schedules from time to time based on prevailing site conditions. The schedule indicating number of bins and frequency of each collection route attached is provided for information purposes only. The schedule is based on historic practise at the airport. It is intended that bidders use this information to optimize this service. Providing both operational and cost efficiencies all in line with applicable regulations and legislation.
	Route 5	
	Airside - Foreign Object Debris (FOD)	<ol style="list-style-type: none"> Provide new colour coded wheelie bins for designated areas at start of contract for the collection of foreign object debris (FOD). Ensure that bins are cleaned daily when FOD is removed. Perform FOD analysis daily. Provide daily report on FOD analysis. <p><i>Note: The service provider may be called upon to increase or decrease the frequency of collections at the discretion of ACSA.</i></p>
		<ol style="list-style-type: none"> No clean, empty bins available in service areas/yards/stations
		Response time - 30 minutes from notification

	Low Performance Damages	<p>When - Any given time (Within specified operational hours) Damage Claim - R100.00 per incident</p> <p>2 Service areas/yards/stations is dirty Response time - 30 minutes from notification When - Any given time (Within specified operational hours) Damage Claim - R100.00 per incident</p> <p>3 Work orders/complaints received from clients/Helpdesk Response time - 30 minutes from notification When - Any given time (Within specified operational hours) Damage Claim - R100.00 per incident</p> <p>4 Stand - Alone bins are overflowing Response time - 30 minutes from notification When - Any given time (Within specified operational hours) Damage Claim - R100.00 per incident</p> <p>5 FOD bins overflowing Response time - 30 minutes from notification When - Any given time (Within specified operational hours) Damage Claim - R250.00 per incident</p> <p>6 Failure of vehicles machinery and cleaning equipment - Refer to service levels in relation to Machinery, Vehicles and equipment. Refer to annexure H - Service Level Agreement</p>

SCOPE OF WORKS	
SORTATION	SCOPE OF WORKS
SORTING FACILITY	
Terminal Basement	<p>The total floor area of the sorting facility is: 15.60 wide x 19.6 long x 6.86m high - 2098m³</p> <p>Provide the following equipment:</p> <ol style="list-style-type: none"> 1. Suitable sorting table(s) for the sortation process. 2. Suitable sorting rack(s) for the placements of bulk bags 3. Suitable bailing machine(s) for the various waste streams generated. 4. General non-recyclable waste compactor with bin lifter suitable for the anticipated waste volumes. 5. Weigh scale(s) to weigh waste generated and sorted. 6. Suitable containers/storage unit(s) for recyclables and non-compactibles. 7. Suitable skips and glass storage unit(s) for the waste volumes. 8. High pressure cleaning equipment to clean wheelie bins and the sortation facility 9. Vehicles and drivers to meet service levels required. 10. Odour control unit(s) – ozone machine installed within the waste sortation facility. 11. Any other equipment the service provider determines is required to execute the service. 12. Make provisions for demarcations and signage for the facility all in accordance with regulatory and legislative requirements. <p>Services Perform the following activities:</p> <ol style="list-style-type: none"> 1. Separate and sort waste generated accordingly into the various waste streams. 2. Preparation of recyclables/non compactible waste streams for temporary storage and loading into designated containers/storage areas for later disposal. 3. Maintaining adequate stock of clean wheelie bins for rotation to all applicable areas 4. Compacting of waste for disposal. 5. Cleaning of all equipment and wheelie bins. 6. Maintain and ensure good housekeeping standards are maintained. 7. Service and maintain odour control unit in line with OEM specifications. <p><i>Note: The service provider may be called upon to increase or decrease resources in order to achieve the required service levels all at the discretion of ACSA. Payment for services rendered is based on the quantity of waste processed.</i></p>
Airside Domestic/International Transfer Station	<p>Provide the following equipment:</p> <ol style="list-style-type: none"> 1. Provide sufficient clean bins for waste collection and rotation once full. <p>Services Perform the following activities:</p> <p>Domestic Waste Area</p> <ol style="list-style-type: none"> 1. Convert the existing domestic waste facility into a transfer station only. Airport users will only have access to the demarcated and enclosed bin area where they can deposit their waste. 2. Supply, install and maintain suitable screens enclosing the domestic waste transfer area for the duration of the contract period. 3. Make provisions for demarcations and signage for the facility all in accordance with regulatory and legislative requirements. 4. Maintain access control to facility at all times. Only the bin area should be accessible to airport users working on the airside. 5. Transferring of domestic waste for later sortation at the basement waste facility. 6. Cleaning of all work areas and wheelie bins. 7. Maintain and ensure good housekeeping standards are achieved. <p>International Waste Area</p> <ol style="list-style-type: none"> 1. Convert the existing international waste facility into a transfer station. Airport users will only have access to the demarcated and enclosed bin area. 2. Continue to use the international waste facility for temporary storage of hazardous substances such as galley waste, lamps, sludge etc. Hazardous waste streams are to be temporarily stored in this facility until ready for disposal. <i>Refer to disposal specification</i> 3. Make provisions for demarcations and signage for the facility all in accordance with regulatory and legislative requirements. 4. Maintain access control to facility at all times. Only the bin area should be accessible to airport users working on the airside. 5. All items stored in the international waste facility (hazardous waste) must be secure at all times. 6. Cleaning of all work areas and wheelie bins. 7. Maintain and ensure good housekeeping standards are maintained. <p><i>Note: The service provider may be called upon to increase or decrease resources in order to achieve the required service levels all at the discretion of ACSA.</i></p>
Low Performance Damages	<ol style="list-style-type: none"> 1. Failure of vehicles machinery and cleaning equipment - Refer to service levels in relation to Machinery, Vehicles and equipment. Refer to annexure H - Service Level Agreement 2. Failure to sort daily waste volumes generated where identified as a hazard or nuisance to ACSA Response time - 24 hours from notification When - Any given time (Within specified operational hours) Damage Claim - R250.00 per incident 3. Failure to appropriately store sorted waste streams for transfer Response time - 60 minutes from notification When - Any given time (Within specified operational hours) Damage Claim - R100.00 per incident 4. Failure to clean, sanitize and maintain good house keeping within the facility Response time - 60 minutes from notification When - Any given time (Within specified operational hours) Damage Claim - R100.00 per incident

		SCOPE OF WORKS
	Disposal of general waste to land fill / alternate methods of disposal	<p>1 Collect and handle compacted and non-compacted general waste.</p> <p>2 To transport compacted and non - compactable general waste to approved landfill site in accordance with relevant regulations and legislation.</p> <p>3. To dispose of general waste at approved land fill site inclusive of all disposal costs.</p> <p>4 To provide copies of disposal certificates and waste manifests in line with applicable regulation and legislation.</p> <p>Note: 1) The landfill site shall be approved by ACSA upon confirming the the facility meets all regulatory and legislative requirements. 2) The service provider is expected to dispose of waste within the permissible time frame allowed for in applicable regulations and legislations. 3) ACSA reserves the right to direct the service provider to increase the frequency of disposals where the period waste is stored on site is non-compliant with regulation and legislation and/or where waste temporarily stored on site impacts on the facility (Rodents, Pests, Odour, Disease Control). 4) Where the service provider disposes utilising alternate methods the above requirements will still apply.</p>
	Disposal of Hazardous Waste to hazardous landfill / alternate methods of disposal	<p>The total floor area of the facility is: 200m² - 757m³</p> <p>Solid Waste</p> <p>General</p> <p>Suitable storage units are to be provided for temporary storage of solid hazardous waste which is detailed in the scope of works. Example: Paint cans, oily rags etc.</p> <p>Waste is to be suitably disposed in line with applicable regulations and legislation.</p> <p>Liquid Aerosols & Gels (LAGS)</p> <p>Suitable storage units are to be provided for temporary storage of LAGS.</p> <p>Waste is to be suitably disposed in line with applicable regulations and legislation.</p> <p>Galley Waste</p> <p>Provide colour coded and marked wheelle bins for the disposal of galley waste. Galley waste bins must be washed off-site with an approved disinfectant in line with applicable regulations and legislation. Galley waste from international aircrafts must be disposed of at an appropriate landfill site and be treated in line with applicable regulations and legislation to prevent any potential health risks.</p> <p>Waste must be removed at agreed intervals to the landfill site and waste manifests and Certificates of Safe Disposal must be submitted to the Service Manager. Due regard to be given to legislation, regulation and ACSA policy regarding the storage, transportation and disposal of hazardous waste. Full compliance to be achieved at all times.</p> <p>Liquid Waste</p> <p>A labelled suitable 210 litre metal drum must be provided for storage of waste solvents, thinners and sludge. Liquid waste are to be emptied into the 210 litre drum. Once full a replacement drum must be provided, and the full drum be disposed of at an appropriate disposal site. Certificates of safe disposal must be provided for each disposal.</p> <p>Hydrocarbon Waste</p> <p>Provide for the collection and disposal of hydrocarbon waste. Hydrocarbon waste to be either disposed at approved hazardous waste landfill or disposed utiling alternate methods of disposal/repurposing/recycling/re-use.</p> <p>Sewer Waste</p> <p>Provide for the collection and disposal of sewer waste. Sewer waste to be either disposed at approved waste water treatment works or disposed utiling alternate methods of disposal/repurposing/recycling/re-use.</p> <p>Medical Waste</p> <p>Provide for the collection and disposal of medical waste. Medical waste to be either disposed hrough incineration or disposed utiling alternate methods of disposal/repurposing/recycling/re-use in line with relevant legislation and regulation.</p> <p>Medical waste is seperated between 1) waste that may be infected with Covid19 or other infectious disease (Includes gloves, masks and general waste generated from ablutions). 2) Health care risk waste (HCRW) as defined in relevant legislation and regulation.</p>
	Low Performance Damages	<p>1 Failure to timeously dispose of general and hazardous waste in accordance with applicable regulations, legislations and agreement reached with ACSA at contract award (Excludes costs of remedy and or fines issued by governing authorities)</p> <p>Response time - 3 Hours from notification</p> <p>When - Any given time</p> <p>Damage Claim - R2000.00</p> <p>2 Non - Compliances arising from the illegal dumping of waste (Excludes costs of remedy and or fines issued by governing authorities)</p> <p>Response time - 3 hours from notification</p> <p>When - Any given time</p> <p>Damage Claim - R5000.00</p> <p>3 Failure to produce waste manifests and safe disposal certificates within the time period agreed at contract award.</p> <p>Response time - 3 hours from notification</p> <p>When - Any given time</p> <p>Damage Claim - R100.00 per incident</p>
	Mixed Recyclables (including Fluorescent tubes, light lamps, Wet Cell Batteries, Dry Cell Batteries)	<p>General Recyclables</p> <p>1. The service provider will collect all recyclable streams and temporarily store for transfer to recycling facilities.</p> <p>2. The service provider will provide for transportation to recycling facilities.</p> <p>3. The service provider will allow for any costs arising out of the recycling activity.</p> <p>4. The service provider will ensure they continually seek recycling facilities for the various waste streams with the aim of reducing waste to landfill .</p> <p>Fluorescent tubes/ lighting lamps/ components</p> <p>5 A labelled box to be provided for the collection of fluorescent tubes and lamps. Once full, the tubes are to be disposed off per regulatory requirements. A replacement box is to then be provided. Box to be suited for 8ft fluorescent tubes. (Industry standard)</p> <p>Wet batteries</p> <p>6 A labelled box to be provide for the collection of wet cell batteries. Once full, the batteries are to be disposed off per regulatory requirements. A replacement box is to then be provided.</p> <p>Dry cell batteries</p> <p>7 A labelled box to be provided for the collection of dry cell batteries. Once full, the batteries are to be disposed off per regulatory requirements. A replacement box is to then be provided.</p> <p>E-Waste</p> <p>8 A labelled box to be provided for the collection of e-Waste. Once full, the e-Waste are to be disposed off per regulatory requirements. A replacement box is to then be provided.</p>
	Recyclables Return	<p>Recyclables return will be calculated by applying the quantity generated per month against the rate provided and approved at award.</p> <p>The total sum of all returns (In rand value) will be carried to the pricing schedule and will provide a discount on the monthly fee.</p>
	Low Performance Damages	<p>1 Failure to produce manifests and recycling certificates within the time period agreed at contract award.</p> <p>Response time - 3 hours from notification</p> <p>When - Any given time (Within specified operational hours)</p> <p>Damage Claim - R100.00 per incident</p> <p>2 Failure to dispose of waste in line with relevant legislation, relevant regulations and relevant standards</p> <p>Response time - 3 hours from notification</p> <p>When - Any given time (Within specified operational hours)</p> <p>Damage Claim - R2000.00 per incident</p>