

QUESTIONS and ANSWERS –

Tender Ref No	GRJ7650/2024/RFP
Tender Description	HVAC Systems Refurbishment at George Airport for a period of 18 months

IMPORTANT: Tenderers are required to acknowledge this Q&A in their tender submission in the table for RECORD OF ADDENDA TO TENDER DOCUMENTS

QUESTIONS AND ANSWERS

NO.	TENDERER QUESTION/QUERY	ACSA RESPONSE
1	Line item 18,19,20,21,22 and 23.(Split type air conditioning units). Can we please get clarity on what ancillary items we need to allow for each unit that is requested, i.e. Insulated copper gas piping, cable trays, inter-connecting comms cable, galv. outdoor brackets. With regards to how many metres per unit.	<ul style="list-style-type: none"> Item 18, 19 = 10m length (inclusive of all the required ancillary items for the installation that will accommodate this length). Item 20 to 23 = 5m length (inclusive of all the required ancillary items for the installation that will accommodate this length).
2	Line item 24: What is meant by “to remove dirty air from air conditioners”, and could you please give us the size (OD) of the ducting we are to use in the rate. Is it insulated ducted or non-insulated?	Aluminium insulated flexible ducting (OD=100mm)
3	Swirl Diffuser- please provide the size for the VDL diffuser.	Refer to the drawings for the sizes of the existing diffusers. The bidder can also recommend different where applicable.
4	Air curtains – Please advise the length of the air curtains.	<p>The physical doors have the following sizes:</p> <ul style="list-style-type: none"> Landside <ul style="list-style-type: none"> Entrance doors x2 1.67m Exit doors x1 2.485m Airside <ul style="list-style-type: none"> Departure Doors x6 1.67m Arrivals Door x1 2.485m

5	Air Conditioning- ARFF Change rooms – Please provide airflow rates & pressure requirements.	Refer to question 8
6	Flammable store + Electrical Store – Adequate Ventilation – Please provide airflow rates for both systems.	Refer to question 9
7	Waste Sortation facility – Adequate Ventilation & Extraction – Please provide airflow rates for both systems.	Refer to question 10
8	BOQ Item 55: Must the Pricing be only for the Assessment, Report and Recommendation or it must include the complete installation and improvement of the HVAC? For the complete quotation for the installation, a site visit is required to physically assess the area.	ARFF department building on airside. On the ground floor there is an opportunity to improve on the fresh air + extraction system for the changerooms – which is currently inadequate. The changerooms (male + female) consist of Ablution set + Showers + Cloak/locker-room. Assess the existing fresh air provision & the extraction of used air in these areas/facilities. Provide a detailed report with recommendation on the appropriate equipment to install. Utilize existing ducting where possible. Install a centralised system for both the Male-side & the Female-side, that makes provision for fresh air, cooling, extraction to the entire Changerooms. Include installation and supply, with lockable isolators. Controls and status connected to BMS. Electrical supply from the DB about 30m away, etc. Refer to the attached drawing for the physical dimensions of the area and install one VRV / VRF that would service both the male + female changerooms. Also install one extraction fan servicing both the male and female ablution (including showers + disable toilet) areas. Also refer to the pictures of the areas.
9	BOQ Item 57: Must the Pricing be only for the Assessment, Report and Recommendation or it must include the complete installation and improvement of the HVAC? For the complete quotation for the installation, a site visit is required to physically assess the area.	Install an adequate ventilation setup inside the Flammable Store & Electrical Store respectively - on airside at the Electrical complex. This area can be reviewed during the mandatory site inspection for additional information. Qty 1 covers both areas. The 2nd qty is for two other areas that might be identified during the infrastructure site assessment after award. Find the attached drawing of the areas (dimensions) and the associated pictures.
10	BOQ Item 58: Must the Pricing be only for the Assessment, Report and Recommendation or it must include the complete installation and improvement of the HVAC? For the complete quotation for the installation, a site visit is required to physically assess the area.	Waste Sortation building on landside. There is an opportunity to improve on the fresh air + extraction system for the building – which is currently inadequate. Assess the existing fresh air provision & the extraction of used air in this area/facility. Provide a detailed report with recommendation on the appropriate equipment to install. Install a central unit (or separate units) that makes provision for fresh air and extraction. Include installation and supply, with lockable isolator. Controls and status

		connected to BMS. Electrical supply from the local DB, etc. This area can be reviewed during the mandatory site inspection for additional information. Find the attached drawing of the area (dimensions) and the associated pictures.
11	Please note that the VAT on the C1.1 is calculated at the standard rate of 15%	
12	Please refer to the Recommended Specification for the BOQ line 55, 57 and 58	
13	Please note pictures for line item 55, 57 and 58 - uploaded on www.etenders.gov.za for reference to recommendation for these areas	

End