

**RE-ADVERTISEMENT DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING
OF THE INSTRUMENT LANDING SYSTEM LOCALISER, GLIDE PATH AND
DISTANCE MEASURING EQUIPMENT (DME) AT POLOKWANE INTERNATIONAL
AIRPORT.**

TERMS OF REFERENCES AND SPECIAL CONDITIONS OF THE BID

GAAL/142/2025/2026

**RE-ADVERTISEMENT DESIGN, SUPPLY, INSTALLATION AND
COMMISSIONING OF THE INSTRUMENT LANDING SYSTEM LOCALISER,
GLIDE PATH AND DISTANCE MEASURING EQUIPMENT (DME) AT
POLOKWANE INTERNATIONAL AIRPORT.**

A COMPULSORY BRIEFING SESSION TO BE HELD ON

20 APRIL 2026 AT 10H00

POLOKWANE INTERNATIONAL AIRPORT AEROSPACE

CLOSING DATE AND TIME OF BID

15 MAY 2026 AT 11H00

BID VALIDITY PERIOD: 150 DAYS FROM THE CLOSING DATE

Board of Directors: Mr. N Ramakuela (Chairperson), Dr M Musitha, Ms. LF Mashilwane,
Mr. MG Ramusetheli, Mr. NJJ Mangena, Mr. TL Mathobo, Ms. M Matli (CEO),
Mr. J Khuloane (CFO), Adv. K Sebola (Company Secretary)

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INVITATION FOR THE DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF THE INSTRUMENT LANDING SYSTEM LOCALISER, GLIDE PATH AND DISTANCE MEASURING EQUIPMENT (DME) AT POLOKWANE INTERNATIONAL AIRPORT.

1. PURPOSE

- 1.1. Request for the design, supply, install and commission an ILS Localiser, Glidepath, and DME system at Polokwane International Airport.

2. DURATION OF THE CONTRACT

- 2.1. The appointment duration of the successful service provider for the design, supply, install and commission an ILS Localiser, Glidepath, and DME system at Polokwane International Airport is 12 months.

3. DETAIL SCOPE OF WORK

- 3.1. **All line items in this scope whether directly referenced or not, shall be designed, installed and commissioned and be able to operate in compliance with the latest ICAO Regulations: Below are some of the regulations, though not exhaustive:**

- 3.1.1. ICAO Annex 10 and ICAO Doc 8071

3.2. General Scope of Work

- 3.2.1. The ILS consists of:

- a) Localizer electronic system and localizer antenna subsystems
- b) Glide slope electronic system and glide slope antenna subsystems

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- c) Distance Indication Equipment - DME subsystems
- d) Localizer and glide path near field monitoring.
- e) Remote control status unit (RCSU) and Control Tower Unit (CTU).
- f) LOC arc Ground check points (Surveyed points, clearly marked concrete blocks with degree marker, marker every degree from + 10 to – 10 degrees, then every 5 degrees to +35 to – 35 degrees and ground check results before and after the flight commissioning to be included in the As-built documentation).
- g) As-build document both hard and soft copy includes site designs and drawings, main equipment documents, user and technical manuals, equipment factory acceptance test (FAT) results, auxiliary equipment documentation and technical manuals, software copy with user manuals, system configuration backup, flights commissioning result, ground check results, equipment configuration with part and serial numbers and site acceptance test (SAT) documentation.
- h) Maintenance spares ILS depot spare line replacement units (LRU) include localizer spare parts, glide path spare units, power supply spare units, control tower unit spare, auxiliary interfaces spare units.

3.2.2. The scope includes:

- a) Geographical and positioning survey study to cater for terrain variation.
- b) Design and selection of the most suitable ILS CAT II system fitted for and operated at CAT II approach procedures.
- c) Civil works for the shelters and cabling.
- d) Provision of the shelters with air-conditioning

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- e) Install the LOC building in line with Runway End Safety Area (RESA) requirements. Cater for the 240m for the RESA, position antenna structure further back.
- f) SACAA application or notification of the obstructions within the aerodrome
- g) Obstacles height lowering and clearance.
- h) Install and painting of the obstruction mast and shelters as per ICAO annexure 14 for mast, frangibility requirement for near field antenna within 900m of the landing approach lights.
- i) Provision of two independent sets of four hours back up battery or inverter technology using latest lithium batteries for both the LOC and GP shelters.
- j) Supply and delivery of the new CAT II ILS system
- k) Installation of the new ILS system on runway 05 side including civil works.
- l) Interface of the new ILS system with the Control Tower Unit (CTU) and other peripheral systems
- m) Conduct CAT II Flight calibration on the entire ILS system and provide an operational certificate and calibration certificate.
- n) The ILS system must include all computers and servers to be installed at the ILS sites and the ATC control centre and maintenance operations. Software should be supported by OS for 15 years to ensure all software upgrades are still supported for the life of the ILS
- o) Provide a software assurance with a highest-level determination.
- p) Provide microwave links between GP (DME)/LOC and Tower for remote access and monitoring.
- q) Determination of the Localiser Sensitive Area (LSA) and Localiser Critical Area (LCA) to minimise the interference with CAT II system.

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3.3. Site Assessment, Site Survey and Terrain Determination

- 3.3.1. Conduct the site survey on datum elevation and surrounding site terrain to ensure that a site is reasonably clear of any obstructions which could affect the radiated signals.
- 3.3.2. Conduct the survey to determine the optimal position of the ILS Localiser and Glide Path antennas, monitoring equipment and subsystems.
- 3.3.3. Provide a detailed survey report and survey elevation angles to be integrated with the installed PAPI system lighting.
- 3.3.4. Conduct assessment on site-specific factors that should be considered, including equipment siting, scalloping, ground test procedures and flight verification procedures. All identified obstacles should be factored in the design to eliminate any probable system signal disturbances.

3.4. Design and selection of CAT II ILS System

- 3.4.1. Demonstrate by means of Statement of Compliance that the systems have passed the design requirements, and it is certified according to ICAO Annexure 10 SARPs and ICAO Doc 8071 or European equivalent standards.
- 3.4.2. System to integrate the site-based risk assessment to ensure the system reliability.
- 3.4.3. Hardware and Software assurance documentation to be provided with the respective system assurance level.

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3.5. Civil works for the shelters and cabling

3.5.1. Based on the initial assessment conducted in section 3.3, the necessary civil works should be executed for installation of the antennas, laying of signal cable, identifying markers, marking reference datum, mounting nearfield antenna, mounting auxiliary system and laying electrical cable.

3.5.2. Supply and installation of new shelters (Painted red and white).

3.6. SACAA application or notification of the ILS Systems obstacles within the aerodrome

3.6.1. Based on the survey assessment in section 3.3, bidder to submit the obstacles approval based WSG coordinates to SACAA for approval prior the installation of the antennas and ILS subsystems.

3.6.2. Obstacles caused by ILS System installation to be marked as per ICAO Annexure 14 requirements.

3.6.3. Obstacles to be marked and painted with the durable paint, and the required obstruction lights where the protrusion of the mast or erected structures violate Obstacle Limitation Surfaces

3.7. Obstacles height lowering and clearance

3.7.1. Complete Aerodrome perimeter survey to identify any obstacles that will violate the increased LSA and LCA due to the ILS installation.

3.7.2. Identify the new obstacles which will violate Obstacles Limitation Surfaces and notify the Aerodrome for rectification or reporting to SACAA.

3.7.3. The Aerodrome shall decide whether to lower or eliminate the newly introduced obstacles due to increased LSA and LCA on receipt of the detailed survey report from the bidder during the complete aerodrome survey.

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3.8. Frangibility of Equipment within 900m from threshold

3.8.1. All ILS equipment that will be installed within 900m from threshold on either side of the Runway should be frangible, where it is not practically possible, the exemption approval from SACAA should be sought by the service provider and approval be placed in the as-build document to GAAL for record purpose.

3.9. Distance between the ILS shelters and ILS Antennas

- 3.9.1. Supply, deliver and lay the 4 x 110mm cable conduits between individual ILS site and antennas.
- 3.9.2. Supply, deliver and install the appropriate size radio frequency (RF) cable between the antenna and the building.
- 3.9.3. Supply, deliver and install the 70sqm XLPE 4-core power cable and corresponding eight (8) resin type joint kit.

3.10. Equipment shelter for ILS sites

3.10.1. ILS LOC and GP

- a) Supply, deliver and install 2 x Wall mounted Distribution Board – 14-way 100 A rated, H: 240 x W: 325 x D: 108 mm including PE and N terminals, IP 20, steel. Supply, deliver and install 2 x EL Circuit breaker, 2 x 63A circuit breakers and 10 x 20A circuit breakers.
- b) Supply, deliver and install 4 x 18000 BTU Air conditioner units (2 at the LOC, 2 at the GP), high reliable units coated with Bluechem for prevention of rust on outdoor units. 10 Year warranty on the aircon.

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3.11. Microwave Communication Links between ILS Sites and ATC Tower

3.11.1. The new ILS system will be required to communicate using Microwave links.

Supply, deliver and install Microwave link equipment with associated housing cabinets. The Installation should include commissioning and testing of the interconnectivity.

3.12. ILS Localiser and Glide Path Specification

3.12.1. The bidder shall provide a point-to-point statement document indicating how the bidders comply to every requirement contained in the **D109 MAN Standards and Guidelines for Instrument Landing System.**

3.12.2. The bidder to provide of evidence or statement of compliance with Annex 10 for the ILS.

3.12.3. Supply, deliver and install lithium batteries which have a minimum of four (4) hours back up capacity for each shelter (LOC and GP/DME).

3.12.4. Supply, deliver and install corresponding computer, maintenance laptop and display monitors at ATC tower for status.

3.13. DME Specifications

3.13.1. The bidder shall provide a point-to-point statement document indicating how the bidders comply to every requirement contained in the **D109 MAN Standards and Guidelines for Instrument Landing System.**

3.13.2. The bidder to provide of evidence or statement of compliance with Annex 10 for the DME.

3.14. Electrical Power Supply

3.14.1. Installation of the DB board and associated components including lightning protection (such as earth mat, and lightning rod).

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3.14.2. All Electrical installations related work must include costing for issuing of electrical Certificate of Compliance (COC).

3.15. Equipment Protection

3.15.1. Provide the adequate power surge and power upstream protection devices as per equipment power rating.

3.15.2. Provide adequate earthing system for earth fault protection. Below 5 Ohms.

3.15.3. Provide adequate lightning protection devices for all the mains power and RF cables entering the equipment shelter and each field and equipment room devices as per SANS 1063 and SANS 10142-1 and OHS Act (Act 85 of 1993).

3.16. Equipment Familiarisation

3.16.1. Provide adequate training to maintenance team and ATC operators. The following number of personnel shall be trained.

3.16.2. Operator Training: 4 people.

3.16.3. Technical training: 2 people and the training should include ILS introduction, ILS method and principle, technical data, type of ILS installations, antenna systems, system architecture, ILS setup and commissioning, ILS flight calibration, software installation and operation, routine maintenance, fault finding and repair and LRU replacement and configuration.

3.17. System Engineering Master Plan

3.17.1. For the purposes of this project, the Systems Engineering process is defined as an integral set of activities, documentation control procedures and standards that enable and assist in the management of this project to progress through its various stages, including analysis of requirement, design, installation, setting to work, testing, operational evaluation, commissioning

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and maintenance, and establishment of logistic support for the whole life cycle of the project.

- 3.17.2. The Contractor shall be responsible for the total performance of the system. The Bidder shall indicate in their proposal how aspects of quality and performance will be managed and assured throughout the project lifecycle.
- 3.17.3. Bidders shall ensure that every subsystem and its interfaces will comply with all the requirements allocated to that subsystem.
- 3.17.4. Bidders shall submit as part of their tender response, a draft, project-specific Systems Engineering Management Plan (SEMP) that describes their proposed approach for the design, manufacture, implementation, integration, and verification of the system. This plan must be prepared in accordance with IEEE Standard 1220-2005, Annex B, and should address, where applicable, the high-level system description, the processes for technical planning, requirements analysis, design definition, system integration, verification and validation, technical reviews, risk management, and configuration management.
- 3.17.5. The plan must be clearly tailored to the scope of the project, and any exclusions or deviations from the standard must be explicitly identified and justified.
- 3.17.6. Bidders shall clearly indicate what will be expected as customer furnished information or equipment.
- 3.17.7. The interfaces and/or infrastructure to be provided by or required from the Company shall also be indicated in the system definition.
- 3.17.8. Bidders shall submit as part of the tender a draft specification tree of the systems in accordance with IEEE STD 1220.

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- 3.17.9. Bidders shall submit as part of the tender a draft drawing tree of the systems in accordance with IEEE STD 1220.
- 3.17.10. Bidders shall submit as part of the tender a system breakdown structure of the systems in accordance with IEEE STD 1220.
- 3.17.11. The Bidder shall confirm that they will perform the System Engineering activities necessary to implement the requirements of any contract placed as a result of this RFP. Any System Engineering Management Plan (SEMP) proposed is to be designed to ensure, inter alia:
- a) That the elements of the Work Breakdown Structure (WBS) and associated technical tasks are identified and controlled.
 - b) The application and maintenance of the various standards and plans; and
 - c) Appropriate and adequate configuration management procedures are established for all elements of the project.
- 3.17.12. Specific testing and evaluation procedures for the various Acceptance Tests **(e.g. Factory Acceptance Testing, Site Acceptance Testing, Physical Inspections, Final Acceptance, etc.)** will be defined in the Test and Evaluation plan for each deliverable. A draft Test and Evaluation Plan or a sample for each deliverable shall be submitted as part of the tender.
- 3.17.13. The Contractor shall prepare, implement and maintain a Test and Evaluation Master Plan (TEMP) that describes the Contractor's plan for all Tests and Evaluations to be undertaken in demonstrating compliance with the technical, operational, contractual and performance requirements of the project. The Plan shall include an Acceptance matrix, which identifies all deliverables and methods of testing proposed by the draft TEMP specific to the project scope shall be submitted with the tender.

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3.18. Installation, Transitioning and Commissioning Plans

- 3.18.1. The Contractor shall prepare an Installation, Transitioning and Commissioning (ITC) Plan to clearly indicate the proposed methodology for the installation of the new systems.
- 3.18.2. The Plan shall indicate how the transition from the existing installation will be achieved, leading to the commissioning and acceptance of the new system. The Plans are required to indicate how the Contractor will plan and manage the installation and transition, including the cutover and commissioning procedures and the decommissioning and withdrawal from service of existing services. The Bidder shall submit a draft ITC plan that is specific to the project requirements and scope as part of the tender response.
- 3.18.3. The ILS installation will take place on the live operating runway; therefore, all safety protocol needs to be adhered to.
- 3.18.4. Bidder to submit the methodology, identifying all critical milestones, dependencies, critical path and float
- 3.18.5. Extensive ground and flight tests should be made to ensure that all parameters of the radiated signal are compliant with ICAO Annex 10 SARPS. Guidance for conducting these tests may be found in ICAO Doc 8071 and guidance for evaluating the results is available in ICAO Doc 8071 and in the Attachments to Annex 10. Long term performance measurements should be made to determine the stability of key parameters in an operational environment.
- 3.18.6. Ground checks arc points and calibration should be conducted and form the part of hand over documentation.
- 3.18.7. Flight calibration to be conducted for Category II ILS systems.

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3.19. Programme and Scheduling

3.19.1. Bidder to cater for AIP supplement publication (noting AIRAC cycle publication dates), SACAA approvals, municipality approvals (where applicable), Airside Induction (AIT) training, personnel vetting, risk assessment prior commencement of work, SACAA flight calibration scheduling and execution.

3.20. Health and Safety Management Plan

- 3.20.1. The Contractor shall comply with the guidelines as prescribed within the OHS Act (Act 85 of 1993).
- 3.20.2. The Contractor shall prepare a Safety Management Plan for the implementation of the project covering all envisaged risks related to the supply, delivery, installation and commissioning of the offered systems.
- 3.20.3. The successful bidder to develop and submit an OHS safety file

3.21. Access permit

- 3.21.1. The successful bidder will be required to apply for access permit into restricted areas, the following certificates are required for access permit:
 - a) AVOP (Airside Vehicle Operator's Permit): A permit required by personnel authorized to operate motorized vehicles on the airside of an airport, including aprons, taxiways, and runways. It ensures that drivers are competent to drive in these high-risk areas.
 - b) PARTAC (Practical Airport Radio Telephony and Airside Competency): A five-day training course designed to teach aviation personnel—specifically firefighters and ground vehicle operators—how to use correct aviation phraseology and communicate effectively with Air Traffic Control (ATC) while operating in the manoeuvring area.

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- c) AIT (Airside Induction Training): A course that provides mandatory safety training for all staff working in airside areas, covering hazards, health and safety, and compliance with airport regulations.
- d) Security awareness certificate

3.22. Test Equipment

3.22.1. Provide test equipment for NAV Analyzer of ILS Localizer, Glide Path, DME, VOR and including ILS checker software with integrated GPS for maintenance team.

3.23. Hand Over Documentation

No.	Description of Handover requirement	YES/NO	
1	Design reports include design calculations of the various ILS positions required and sector areas e.g. LSA, LCA etc		
2	As-built drawings (.dwg format) depicting all ILS Systems and subsystem positions and connections		
3	A list of "Nameplate Data" giving full particulars of serial numbers and other descriptive data pertaining to the equipment installed		
4	Electronic datasheets of equipment purchased		
5	User Guide Manuals and maintenance manuals		
6	An electronic and hard copy of all routine tests results, and measurements as recorded during site and factory testing		
7	Formal record of the training provided by the Bidder.		
8	A list of minimum spares, tools and testing equipment supplied		
9	All certificates and records of the testing and commissioning phase		

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4. EVALUATION CRITERIA

All bids will be evaluated in terms of administrative requirements, technical functionality and preference point system

Administrative (mandatory) Criteria (Gate 0)	Technical and Functionality Evaluation Criteria (Gate 1)	Price and Specific Goals Evaluation Criteria (Gate 2)
Bidder(s) must submit all documents as outlined in paragraph 4.1 (Table 1) below. Only bidders that comply with all these criteria will proceed to Gate 1.	Bidder(s) are required to achieve a minimum of 75 points out of 100 points to proceed to Gate 2 (Price and Specific goals).	Bidder(s) will be evaluated on price (weighted price) as per scope of work and specific goals claimed points as stipulated on SBD 6.1 (paragraph 4.2).

4.1. Gate 0: Administrative (mandatory) requirements

4.1.1. Bidder(s) must submit the documents listed in Table 1 below. All documents must be completed and signed in black ink by the duly authorised representative of the prospective bidder(s). **Correction fluid is not allowed and any cancellation on the bid document must be initialled by the authorized signatory.** During this phase, Bidders' responses will be evaluated based on compliance with the listed administration and mandatory bid requirements. The bidder(s) quotation will be disqualified for non-submission of any of the documents.

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Table 1: Documents that must be submitted for administrative/mandatory requirements.

Document that must be submitted	Non-submission will result in disqualification.	
Invitation to Bid – SBD 1	YES	Complete and sign the supplied pro forma document with a fixed physical address for their business operations for in-loco inspection.
Pricing Schedule – SBD 3.1	YES	Complete and sign the supplied pro forma document.
Declaration of Interest – SBD 4	YES	Complete and sign the supplied pro forma document.
Preference Point Claim Form – SBD 6.1	YES	Non-submission of below documents/information for verification will lead to a zero (0) score on Specific goals. ▪ Full CSD Report ▪ Medical certificate for disability ▪ Proof of address not older than three months.
It is estimated that tenderers must have CIDB contractor OR sub-contract a CIDB registered contract with grading designation of 3CE / 3EB or higher	YES	The bidder to provide valid CIDB grade 3CE /or 3EB or higher in the bidder's name or subcontractor's name.

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Bidder must be registered - Compensation for Occupational Injuries and Diseases Act (COIDA)	YES	The bidder must provide Letter of Good standing with workman's compensation commissioner COIDA
OEM Letter ILS & DME	YES	Bidder to provide a specification brochure, technical specification or equivalent from the OEM. Bidder to provide: • ICAO Annexure 10 Statement of Compliance for LOC & GP/DME. • A letter from OEM to confirm that OEM will commit to the support and supply of the ILS system and spares. Letter must be on OEM's letterhead and display signature of authorised person. ILS specification (ICAO Annexure 10) statement of compliance And, DME specification (ICAO Annexure 10) statement of compliance And, Letter of Intent from OEM/Local Agent to specify: • Commitment of ILS Units supply • Commitment of ILS spares supply • Local Technical support

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		And, Bidders must submit a letter of support from the OEM
Proof of registration on Central Supplier Database (CSD) (detailed CSD report)	YES	Supplier must be registered as a service provider on the Central Supplier Database (CSD).
Pricing Schedule	YES	Quotation /pricing structure must be completed in full for all service categories. Where bidder has omitted to put price for certain price categories the price offer will not be accepted and will be disqualified as it will not be comparable with others who have quoted for all service categories.

4.2. Gate 1: Functionality Evaluation Criteria

- 4.2.1. All bidders are required to respond to the functionality evaluation criteria. Only Bidders that have met the Administrative and/or Mandatory Criteria in (Gate 0) will be evaluated in Gate 1 for functionality as per the table below:
- 4.2.2. Functionality Evaluation – Bidders will be evaluated out of 100 points and are required to achieve minimum threshold of 75 points to proceed to Gate 2 for Price and Specific goals evaluations; and
- 4.2.3. As part of due diligence, the entity may conduct a site visit at the bidder's place of business (as per the physical address provided by the bidder on SBD1) and/or at client of the Bidder (reference) for validation of the services previously rendered.

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ELEMENTS	WEIGHT
Technical capability and experience in similar work/services of design, installation and commissioning of the Instrument Landing Systems (ILS). (attach previous clients' contactable reference letters - signed/stamped clearly indicate start and end date) Three projects or more = 40 points Two projects = 20 points One project = 10 points No project = 0 points	40
Site Manager/Supervisor - qualification N6 Certificate in Electronics/Control & Instrumentation/Electrical OR S4 Diploma or higher qualification in Electronics/Control & Instrumentation/Electrical AND Any OHS Training certificate Qualification & OHS training certificate = 10 Points Qualification without OHS training certificate = 5 Points Neither of the above = 0 Points Attach proof of valid qualifications.	10
Site Manager/Supervisor – experience Attach a comprehensive CV with references indicating experience in Managing installation and commissioning of the Instrument Landing Systems (LOC and GP/DME) as site Manager or Electrician or Technician or Engineer	10

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Between 2 and 7 years = 10 Points Less than 2 years = 0 Points	
Safety Officer - qualification Any SHEQ/OHS/Safety Training certificate And, National Diploma/SACPCMP/SAMTRAC or NOSA Training certificate = 10 points Neither of the above = 0 Points Attach proof of valid qualifications.	10
Safety Officer - experience Above two (2) years' experience OHS/safety = 10 Points At least two (2) years' experience OHS/safety = 5 Points No relevant experience = 0 Points Attach a comprehensive CV with references indicating number of years of experience.	10
Electrician – Qualification Electrical Trade test and Wireman's license (Installation Electrician) Three phase AND Any OHS/Safety Training certificate = 10 Points Neither of the Above = 0 Points Attach proof of valid qualifications.	10
Electrician – Experience Above two (2) years' experience Electronics / Control & Instrumentation / Electrical = 10 Points	10

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At least 2 years' experience in Electronics / Control & Instrumentation /Electrical = 5 Points No relevant experience = 0 Points Attach a comprehensive CV with references indicating number of years of experience	
TOTAL	100
Minimum threshold	75

4.3. Gate 2: Preference Point System

4.3.1. **Preference Points System** where the 80 points are awarded for price and the 20 points are awarded for specific goals as follows:

FINAL EVALUATION CRITERIA	POINTS
Price	80
Specific goals	20
Total	100

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5. SPECIAL CONDITIONS OF BIDDING AND BID SUBMISSION REQUIREMENTS

5.1 Terms and conditions:

- 5.1.1 The individuals proposed for professional work on the project shall remain on the project unless the airport grants permission to change the proposal. Such permission will only be granted in exceptional circumstances.
- 5.1.2 No material or information derived from the provision of the services under the Contract may be used for any purposes other than those of the airport, except where authorized in writing to do so. All information will be held strictly confidential. The successful service provider will be required to sign a confidentiality agreement with the airport.
- 5.1.3 Copyright of all documents and electronic aids, software programmes prepared or developed in terms of the appointment, shall vest in the airport.
- 5.1.4 The airport reserves the right to amend, modify or withdraw this TOR document or amend, modify or terminate any of the procedures or requirements set out herein at any time and from time to time, without prior notice except where required by law, and without liability to compensate or reimburse any Prospective service providers.
- 5.1.5 Any briefing notes which may be issued by the airport to the Bidder/s should be considered as part of this TOR. Furthermore, in the event that the negotiations between the airport and the preferred Bidder/s fail with regard to the conclusion of a Service Level Agreement, the airport reserves its right not to appoint the Preferred Bidder/s without incurring any liability to compensate or reimburse the Preferred Bidder/s.

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- 5.1.6 Neither the airport, nor any of its respective officers, or employees may make any representation or warranty, expressed or implied in this TOR document. And nothing contained herein is, or shall be relied upon as, a promise or representation, whether as to the past or the future.
- 5.1.7 A proposal submitted by a company, close corporation or other legal person must be accompanied by a resolution or agreement of the directors or members and be signed by a duly authorized person.
- 5.1.8 A proposal submitted by a partnership must be accompanied by a written partnership agreement.
- 5.1.9 A proposal submitted by a consortium of two or more parties must be accompanied by a signed memorandum of understanding between the parties to such consortium indicating:
- a) the conditions under which the consortium will function.
 - b) Its period of duration.
 - c) The people authorized to represent it.
 - d) The participation of several parties forming the consortium.
 - e) The benefits that will accrue to each party.
 - f) Any other information necessary to permit full appraisal of its functioning.
- 5.1.10 The costs of preparing proposals and of negotiating the contract will not be reimbursed.
- 5.1.11 The preferred Bidder will be required to enter into a Service Level Agreement (SLA) prior to appointment.
- 5.1.12 The airport is not bound to accept any of the proposals submitted and reserves the right to call for best and final offers from short-listed bidders before final

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selection. The airport also reserves the right to call interviews with short-listed bidders before final selection, and to negotiate prices.

5.1.13 Bidders may ask for clarification on this TOR or any of its Annexures up to close of business seven (7) working days before the deadline for the submission of bids. Any request for clarification must be submitted by email to the contact person. Copies of questions and answers will be published on the entity's website, without revealing the identity of the source of the questions.

5.1.14 Bidders may not contact the airport on any matter pertaining to their bid from the time when bids are submitted to the time the contract is awarded. Any effect by the bidder to influence bid evaluation, bid comparisons or award decisions in any manner, may result in rejection of the bid concerned.

5.1.15 Bid submission requirements must be completed in sections and appendices provided in the bid document.

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6. BID SUBMISSION

- 6.1 Bid documents must be placed or couriered in the bid box located at Admin Block, Polokwane International Airport on or before the stipulated closing date and time as indicated in the SBD1.
- 6.2 Bid documents will only be considered if received by the entity on or before the closing date and time.
- 6.3 Bidders are required to submit their bids in two clearly marked envelopes as follows:-

ENVELOPE 1 (ADMINISTRATIVE AND/OR MANADATORY & FUNCTIONALITY)	ENVELOPE 2 (PRICE & SPECIFIC GOALS)
Exhibit 1: Administrative and mandatory documents (<i>Refer to Section 4.1 - Gate 0: Administrative requirements (Table 1)) and Detailed Pricing Schedule (Pricing Submission)</i>	Exhibit 4: SBD 6.1: Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022.
Exhibit 2: Functionality Responses and Bidder Compliance Checklist for Technical Evaluation. Supporting documents for technical responses. (<i>Refer to Section 4.2 - Gate 2:</i>	Exhibit 5: General Conditions of Contract (GCC)

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<i>Functionality Evaluation Criteria)</i>	
Exhibit 3: Electronic submission (USB/Memory card/External hard drive) – clearly marked	Exhibit 6: • Company Profile • Any other supplementary information

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**PART A
INVITATION TO BID**

SBD 1

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	GAAL/142/2025/2026	CLOSING DATE:	15 MAY 2026	CLOSING TIME:	11H00
DESCRIPTION	RE-ADVERTISEMENT DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF THE INSTRUMENT LANDING SYSTEM LOCALISER, GLIDE PATH AND DISTANCE MEASURING EQUIPMENT (DME) AT POLOKWANE INTERNATIONAL AIRPORT				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
ADMIN BLOCK					
N1 NORTH TO MAKHADO					
GATEWAY WEG					
POLOKWANE, 0700					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	JULIUS RAMATJIE	CONTACT PERSON	CHRISTIAN MTSHWENI		
TELEPHONE NUMBER	087-291-1088	TELEPHONE NUMBER	087-291-1054		
FACSIMILE NUMBER	015-288-0125	FACSIMILE NUMBER	015-288-0122		
E-MAIL ADDRESS	scmgroupp@gaal.co.za	E-MAIL ADDRESS	christian.mtshweni@gaal.co.za		
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA

Board of Directors: Mr. N Ramakuela (Chairperson), Dr M Musitha, Ms. LF Mashilwane,
Mr. MG Ramusetheli, Mr. NJJ Mangena, Mr. TL Mathobo, Ms. M Matli (CEO),
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ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
--	---	---	--

QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO
IF THE ANSWER IS “NO” TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.	

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION. 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT. 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT. 1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS. 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.

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- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

**NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS
MAY RENDER THE BID INVALID.**

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution)

DATE:

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SBD 3.1

**PRICING SCHEDULE – FIRM PRICES
(PURCHASES)**

**NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES
(INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS)
WILL NOT BE CONSIDERED**

**IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE
PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR
EACH DELIVERY POINT**

Name of bidder.....Bid number: **GAAL/142/2025/2026**

Closing Time **11:00**

Closing date: **15 MAY 2026**

OFFER TO BE VALID FOR **150 DAYS** FROM THE CLOSING DATE OF BID.

ITEM NO. INCLUDED)	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY ** (ALL APPLICABLE TAXES
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- Required by:

- At:

- Brand and model

- Country of origin

- Does the offer comply with the specification(s)? *YES/NO

- If not to specification, indicate deviation(s)

- Period required for delivery

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*Delivery: Firm/not firm

- Delivery basis

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

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BIDDER'S DISCLOSURE

SBD 4

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. BIDDER'S DECLARATION

- 2.1. Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state?

YES/NO

- 2.1.1. If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

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--	--	--

- 2.2. Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?

YES/NO

- 2.2.1. If so, furnish particulars:

.....
.....

- 2.3. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES/NO

- 2.3.1 If so, furnish particulars:

.....
.....

3. DECLARATION

- 3.1. I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:
- 3.2. I have read and I understand the contents of this disclosure;
- 3.3. I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.4. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor.

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However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.

- 3.5. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.6. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.7. There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.8. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.
- 3.9. I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

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ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN
TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON
PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT
SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Position

.....
Date

.....
Name of bidder

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SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

**NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE
GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN
RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT
REGULATIONS, 2022**

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

a) The applicable preference point system for this tender is the **90/10** preference point system.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and Specific Goals	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and

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(e) “the Act” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20	or	90/10
$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$	or	$P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$

Where

P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 P_{min} = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20	or	90/10
$P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$	or	$P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$

Where

P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration

Board of Directors: Mr. N Ramakuela (Chairperson), Dr M Musitha, Ms. LF Mashilwane, Mr. MG Ramusetheli, Mr. NJJ Mangena, Mr. TL Mathobo, Ms. M Matli (CEO), Mr. J Khuloane (CFO), Adv. K Sebola (Company Secretary)

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Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each

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preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Enterprises with ownership of 51% or more by person/s who are black	10	
Enterprises with ownership of 51% or more by person/s who are women	5	
Enterprises with ownership of 51% or more by person/s who are youth	5	
Total	20	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as

Board of Directors: Mr. N Ramakuela (Chairperson), Dr M Musitha, Ms. LF Mashilwane, Mr. MG Ramusetheli, Mr. NJJ Mangena, Mr. TL Mathobo, Ms. M Matli (CEO), Mr. J Khuloane (CFO), Adv. K Sebola (Company Secretary)

RE-ADVERTISEMENT DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF THE INSTRUMENT LANDING SYSTEM LOCALISER, GLIDE PATH AND DISTANCE MEASURING EQUIPMENT (DME) AT POLOKWANE INTERNATIONAL AIRPORT.

indicated in paragraph 1 of this form;

- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) Recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

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