



LANDSCAPE ARCHITECTURAL DESIGN SERVICES FOR OR TAMBO INTERNATIONAL AIRPORT FOR A PERIOD OF 4 MONTHS

2.1 Scope of Work

The scope of work requires a qualified professional landscape architectural services to prepare a comprehensive landscape upgrade design for ORTIA. The work encompasses planning, designing and managing indoor and outdoor spaces, from indoor plants to intimate outdoor gardens. This must focus on sustainability, function, and aesthetics by integrating natural elements with built structures including site planning, ecological restoration, park design and detailed construction documentation (i.e. designs, impression 2D and 3D drawings including all related Bill of Quantities) for ORTIA indoor and outdoor gardening and landscaping.

The landscape architecture will conduct a thorough site assessment, examining all environmental factors including vegetation, arrangement of the natural and artificial physical features of an area, soils, plants, trees, climate, views, circulation patterns, existing structures, services, mowing and fertilization routines, excavation where applicable, integration of lighting solutions, redesign of the irrigation system, water features and other tools necessary for installation and maintenance.

The initial design proposal must incorporate artistic impression in both 2D and 3D designs detailing all related Bill of Quantities. Subsequent stages will include detailed construction drawings, implementation plans, bill of quantities and recommendations on maintenance and supervisory services. The overall design character must harmonize with the architecture of the existing facilities.

3. Background of existing Landscape

The following table indicates the existing Landscape of ORTIA by Zone and its current landscape features:

ZONE	DESCRIPTION	QTY	UNIT
1	Lawn/ grass (Kikuyu)	17013	m2
	Shrubs and groundcover	5557	m2
	Trees	15	each
	Irrigation and hand watering	11886	m2
2	Lawn/ grass (Kikuyu)	4388	m2
	Shrubs and groundcover	31243	m2
	Irrigation and hand watering	3250	m2
	Water Fountain	80	m2
	Trees	88	each
3	Lawn/ grass (Kikuyu)	4417	m2
	Shrubs and groundcover	14279	m2
	Irrigation and hand watering	14279	m2
	Trees	64	m2
4	Lawn/ grass (Kikuyu)	12626	m2
	Shrubs and groundcover	7875	m2
	Irrigation and hand watering	7875	m2
5 & 6	Lawn/ grass (Kikuyu)	20708	m2
	Shrubs and groundcover	589	m2
	Irrigation and hand watering	20708	m2
	Trees	4	m2
Zone 7 - Terminal B & Multi Storey Parkade 1 & 2	ACSA IAM Office basement 15cm planter and 40cm Stilo liner	7	each
	Terminal A and CTB retail level artificial plants	9	each
	Terminal A Departures - artificial plants	11	each
	Terminal B viewing deck 700cm Stilo liner	8	each
	4th Floor Airline lounges/ Client Managers 40cm Stilo liner	10	each
	MSP Car Rental 700cm Stilo liner	3	each
	Terminal A Airside corridor - artificial plants	4	each
Zone 7 - ACSA North Wing Offices	3rd Floor 40cm Container Stilo liner	25	each
	4th Floor 40cm Stilo liner	35	each
	4th Floor 15cm Stilo liner	8	each
	Lower roof internal containers 600x600mm	12	each
	Watering	4	each
	Plant Care (Pruning, fertilizer)	4	each
	Watering	4	each
	Plant Care (Pruning, fertilizer)	4	each
Zone 7 - JOC OPS/Parking/ AMC/ Customer Care	Security parkade/ JOC OP 40cm Stilo liner	10	each
	Electrical, Training Fire Station 40cm Stilo liner	15	each
	AMC 15 cm Stilo liner	2	each
	AMC 40cm Stilo liner	20	each
	Customer care 30cm Stilo liner	4	each
Zone 8 - International	Pots plants	20	each
Zone 9 - Domestic	Pot plants	10	each

4. Project deliverable including pricing:

<i>Item</i>	<i>Deliverable</i>	<i>Description</i>	<i>Zone</i>	<i>Pricing</i>
1	Landscape Design Plan	A comprehensive blueprint including artistic impressions in both 2d and 3d design drawings detailing the placement of plants, flora, trees, walkways, water fountains, rockery, irrigation system and recreational areas. The design plan must include all related Bill of Quantities for construction purposes.	All zones	
2	Landscape Irrigation Design Plan	Develop a design for irrigation system by measuring areas per zone, determining the water supply required, selecting sprinklers, sizing pipes and including future needs like hose taps and drip irrigation. The design plan must include all related Bill of Quantities for construction purposes.	All zones	
3	Water Fountains	Develop and designs for new water fountains and upgrade current water fountain which must include pots, urns, troughs, planters and accessories. The design plan must include all related Bill of Quantities for construction purposes.	All zones	
4	Rockery	Develop and designs rockery features including rocks, stone, gravel, small and large plants. The design plan must include all related Bill of Quantities for construction purposes.	All zones	
5	Planting, Trees and Native flora	The proposal of selection of planting of trees and native flora to promote ecological balance and low maintenance. The proposed plan must include all related Bill of Quantities for construction purposes.	All zones	
6	Walking Path Upgrades	The proposal of durable and aesthetically pleasing walking paths that meet ORTIA usage requirements. The proposal plan must include all related Bill of Quantities for construction purposes.	All zones	
7	Recreational Features	Develop and design outdoor seating with thatch house/ Lapa set-up (braai area) including playgrounds, relaxation areas and ponds.	Zone 2 & 3	
8	Environment Impact Report	Produce document outlining the projects contribution to sustainability and its alignment with environmental standards.	All zones	
9	Maintenance and Service Plans	Produce documents indicating the recommended maintenance and service plans for all indoor & outdoor gardening and landscaping as ascribed on the designs	All Zones	
10	Health & Safety	Health & Safety file requirements.	All zones	12,000.00
11	Permit requirements	ORTIA access permits requirements x 5.	All zones	10,000.00
Total (excluding VAT)				

NB: The landscaping architectural services company shall produce proposal gardening and landscaping 2D and 3D impression designs and drawings as indicated on the above project deliverables including the related Bill of Quantities for construction purposes. Furthermore, but not limited to, the landscaper shall produce documents indicating the recommended maintenance and service plans for all indoor & outdoor gardening and landscaping as ascribed in the designs.

5. Tenderer must score minimum score per each sub criteria and an overall minimum threshold of 60 points out of 100 is required to be achieved for the tender to be eligible for further evaluation on Price and B BEE 60/40 split.

Description of quality criteria	WQ	Sub criteria	Maximum Score
		Quality Score	
Tenderer's resource proposal	60	Qualifications	30
		Year of experience in similar work	30
References	40	Company references in the industry	40
TOTAL			100

5.1 FUNCTIONALITY EVALUATION CRITERIA BREAKDOWN

A. TENDERER'S RESOURCE PROPOSAL

- Qualification

The resources required to process certifications and competences that enable them to conduct landscape architecture design works. All qualifications must have SAQA accreditation. Certified copies must be provided to allocate points.

Qualification and Affiliation	Points
Bachelor's degree in landscape architecture and Affiliation to the South African Council for the Landscape Architectural Profession (SACLAP)	30
Bachelor's degree in landscape architecture	18
No bachelor's degree in landscaping architecture	0

- Years of Experience

The resources required to submit CV's indicating the relevant experience in the design of gardening and landscaping. The resource experience must be indicated in the resource CV with contactable references.

Resource years of experience	Points
10 years and more relevant experience in the design of gardening and landscaping.	30

7 to 10 years and more relevant experience in the design of gardening and landscaping.	18
Less than 7 years and more relevant experience in the design of gardening and landscaping.	0

Supervisor/Team leader: Providing on site supervision to fulfilling work functions, ensuring safety protocols are constantly adhered to, ensuring and monitoring or PPE, compliance and usage, Toolbox talks, evaluating and sign-off of all equipment for usage, ensuring a safe work environment for staff but also users of the facility, barricading or work areas with adequate signage places.

B. COMPANY REFERENCES (40)

- Company references in the industry

Years of experience	Points
More than 3 submitted company reference letters/ completion certificate in the gardening and landscaping architectural designs	40
3 submitted company reference letters/ completion certificate in the gardening and landscaping architectural designs	24
Less than 3 submitted company reference letters/ completion certificate in the gardening and landscaping architectural designs	0

*Tenderers reference letters will be deemed as valid if they satisfy the following requirements:

- *Appearing on a client letter head,*
- *Signed by the client,*

Indicative of type of work done, similarly, landscape architecture design works.

- *State the value of the project,*
- *State the duration of the project and*
- *Include name and contact information (phone and email) of client repr*

