

ANNEXURE-1: SCOPE OF SUPPLY

This document provides introduction to the project, scope of supply, and schedule and expected deliverables. This work includes but is not limited to **supply, testing and commissioning of minor garden equipment** for undertaking expansion works at the Airport.

Interested applicants are invited to prepare and submit their Technical Proposal and Financial Proposal based on the information provided in this document.

CONTENTS

1. Objective of Supply
2. Scope of Supply
3. Deliverables
4. Supply Duration
5. BOQ
6. Technical Specification
7. Schedule of additional facilities/attachments
8. Source of components (In case, the Bidder is not a OEM)
9. Value of total supply & Source of components

1. Objective

The Objective of this RFP is to procure the minor garden equipment as detailed in the scope of supply.

2. Scope of Services

The scope of the project is to **supply, test and commission minor garden equipment** under the specifications as follows:

1. Design, engineering, manufacture/assembly, painting, tests at manufacturer's works, road/shipment worthy packing, transportation and delivery/ supply to BIAL's project site for **supply ,testing and commissioning of minor garden equipment.**
2. The scope of work under this specification also includes complete services for successful commissioning & performance testing at site as well as training of BIAL's operating and maintenance personnel. All necessary equipment, instruments, services, labour as required for this purpose shall be under the scope of Bidder.
3. Any additional material, parts & services which are not specifically mentioned herein, but are required to make the equipment complete in every respect in accordance with the technical specification for safe, trouble free & efficient operation and guaranteed performance, shall be deemed to be included within the scope of this specification.
4. Supply of maintenance tools for routine preventive maintenance.
5. Supply of consumables/spares for all preventive and break down maintenance during the warranty period of two years.

Sufficient Inventory for fast moving consumables/spares to be stocked by the Supplier & supplied on request for post warranty routine and break down maintenance as ordered.

3. DELIVERABLES

The Supplier shall present/submit all deliverables to BIAL in the form of reports and associated drawings for BIAL's review. After incorporating BIAL's review / comments / inputs / suggestions, the Supplier shall proceed to further stages. All submissions shall be in the form of drawings, reports, excel and spread sheets, sketches as may be necessary for the purpose. Submissions shall be made in both hard copy and soft copy formats. Hard copy submissions - 6 sets printed in color, on A1 and A3 size papers only (drawings on appropriate scale). Soft copy submissions need to be done in MS OFFICE / AutoCAD/, Power point, etc. as applicable, in editable platforms, compatible with appropriate Geographic Information System (GIS) platforms. The Supplier shall deliver the output at various stages as per the requirement of the BIAL. The Supplier shall work as per the priority provided by BIAL and deliverable should be made as per the requirement.

4. SUPPLY DURATION

The suggested durations exclude the time required for review and approval by BIAL. The duration is presented in the below table for all the stages of work. Supplier must deliver all the deliverables as per the times duration for all the work as mentioned above.

BIAL shall retain the right to close the assignment at any stage, as per the needs of the overall implementation of BIAL's Program & as per the Proposal for Supply part-2 financial offer. In such an event the below breakup of shall form the basis for finalization of payment of supply, after successful completion of the supply of respective equipment.

Equipment	Quantity in Numbers	Duration in Weeks
HEDGE TRIMMER	6	Within 3 weeks
RIDE ON LAWN MOVER	1	
SELF PROPELLED LAWN MOVER	4	
WEED CUTTER	6	
Total Duration (All equipment)		

The above mentioned time table shall be updated as per the requirement of BIAL & shall be in line with BIAL's development program. This time table may be further updated with time required for BIAL's team & proof checking reviews and as per actual construction schedule.

The supplier shall strictly follow the above mentioned time table, any deviation from this time schedule will lead to termination of services without any prior notice.

5. BOQ

Sl.No	Description	Qty	Unit	Rate	Amount
1	SUPPLY, TESTING & COMMISSIONING OF THE GARDEN MINOR EQUIPMENTS				
1.1	HEDGE TRIMMER	6	Nos.		
1.2	RIDE ON LAWN MOVER	1	Nos.		
1.3	SELF PROPELLED LAWN MOVER	4	Nos.		
1.4	WEED CUTTER	6	NOs.		

6. TECHNICAL SPECIFICATION

SL.NO.	DESCRIPTION	SPECIFICATION
1.1	HEDGE TRIMMER	
	Engine power	≥ 1.0 Hp
	Branch dia	25-28 mm
	Dry weight	Not more than 5.6 kg
	Blade length	Minimum of 600 mm
	Fuel consumption ratio	500 - 525 kg/ Kwh

	Fuel tank capacity	Not less than 0.5 litres
1.2	RIDE ON LAWN MOVER	
	Engine power	≥ 22 H.P with minimum 3600 rpm
	Cutting width	Minimum 1220 mm
	Engine	Koehler/ Briggs & Stratton or std. Make
	Blade length	250 mm
	Cutting height	Minimum- 30 mm, Maximum - 120 mm
	Propulsion	Hydrostatic
	Fuel Tank capacity	Minimum of 12 litres
	Speed	Max forward speed not less than 8 km/hr. and reverse speed of 4 km/hr.
	Turning radius	Zero or 850mm
	Collection bag	250-300 litres or more
1.3	SELF PROPELLED LAWN MOVER	
	Engine power	≥ 6.5 H.P
	Cutting width	Minimum 533.4 mm
	Engine	Kawasaki/Koehler/ Briggs & Stratton or std. Make
	Cutting height	Minimum - 30 mm, Maximum 87 mm
	Fuel Tank capacity	Minimum 1 litre
	Collection bag	50-70 litres or more
1.4	WEED CUTTER	
	Engine power	≥ 2 PS or minimum of 6500 RPM
	Displacement (min)	25.44 cc/0.9 kw
	Fuel consumption ratio	500-525 kg/kwh
	Fuel tank capacity	Not less than 750 ml
	Dry weight	≤ 8 kg

The basic unit for schedule items will be required to be supplied with at least the following items.

1. Tool kit: necessary to do all kinds of service and easy maintenance and repairs of the equipment.
2. Spare parts package: back up set of basic parts with definite lifetime to avoid breakdown during long operations if parts reach failure.
3. Wear & tear spare part package: wear out parts for approximately 100 working hours.
4. Hand over maintenance and operation training and manuals. Two sets of operation and maintenance manuals, spare parts list, wiring diagram to be supplied for all components in English language.
5. Warranty Certificate for each of the equipment.
6. Certificate on the operational life of the equipment.
7. Training of BIAL staff in operation and routine/preventive maintenance at BIAL site.

7. SCHEDULE OF ADDITIONAL FACILITIES/ATTACHMENTS

All items listed below should conform to BIAL specification

SI No.	Item	Qty
1		
2		
3		

8. SOURCE OF COMPONENTS #(In case, the Bidder is not a OEM (Original Equipment Manufacturer))

S.NO.	ITEM DESCRIPTION	VENDOR	SOURCE COUNTRY
1.			
2.			
3.			

the above is an indicative list and the bidder needs to provide a comprehensive listing.

9. VALUE OF TOTAL SUPPLY & SOURCE OF COMPONENTS

PARTICULARS	NO.	VALUE (INR)	PERCENTAGE OF TOTAL CONTRACT
A. From India			
1.			
2.			
Total A :			
B. From Other Countries.			
1.			
2.			
Total B :			