

**Procurement of Compostable/Biodegradable Garbage Bags for Cochin
International Airport Limited (CIAL)**

CIAL, through Kerala Startup Mission (KSUM), invites Expressions of Interest (EOI) from eligible startups having the technical capability and experience to supply compostable/biodegradable garbage bags meeting the specifications and requirements detailed in this document.

The objective of this EOI is to identify capable suppliers who can provide quality, environmentally friendly, durable and cost-effective garbage bags suitable for use in airport operations.

Technical Specifications

Size	Colors	Approx Qty	Minimum Load Capacity
30"W X 50"H	Red, Blue, Green	50,000 in total for old bins	15 Kg
23"W X 42"H	Red, Blue, Green	4,50,000 in total for new trio bins	10 Kg

Eligibility Criteria

To be Eligible to participate in this tender, the bidder should meet the following criteria:

- a) The bidder should be a Manufacturer or an Authorized Supplier/Distributor of compostable products with valid CPCB certification/license as per IS/ISO 17088 standards
- b) The bidder or their principal OEM shall have experience of at least three years in manufacturing or supplying compostable products

Scope of Service & Technical specifications

The tenderer has to quote for the rate per bag as per the specification mentioned below:

- a) Standard: ISO 17088 certified 100% compostable material
- b) Certification: IS/ISO:17088 certified from Central Institute of Petrochemicals Engineering & Technology (CIPET) or any other Central Pollution Control Board Recognized Government laboratory having adequate testing facilities. Certificate shall be currently valid
- c) Name & Address of the laboratory, Date of submission of sample to the testing agency etc. to be clearly indicated on the test report. Test report shall cover all four components - Disintegration, Aerobic biodegradation, Compost testing and Heavy Metal

- d) (1) 30"W X 50"H (Approx 50,000 Qty for old bins) and (2) 23"W X 42"H (Approx 4,500,000 Qty for new trio bins).
- e) Material: 50 Microns & bag can carry upto 15 Kgs
- f) Colours: Red, Blue, and Green (to enable segregated waste collection in accordance with government instructions and trio-bin requirements)
- g) A letter of confirmation that any other compostable garbage bags of different standard sizes and thickness should be supplied at a pro-rata basis of the above current quoted materials, based on weight.
- h) Manufacturers can supply the compostable garbage bags through any of their distributor for prompt supply provided the risk and liability of supply is with the manufacturer only. Copy of appointment of such distributor to be provided along with the tender.
- i) Goods shall be delivered within 7 days from the date of intimation of the purchase request or issuance of purchase order.
- j) Random quality checks will be conducted to ensure compliance with specifications. The supplier shall bear the expenses for such tests conducted at CIPET.
- k) Products shall bear the following printing as per Government guidelines:
- Details of the manufacturer, the material specification, date of manufacture, batch number, CPCB approval details with license number and validity etc., in the form of QR code
 - "I'm not a Plastic-100% Compostable, IS/ISO 17088 Certified" written in English and Malayalam. The inscriptions shall vary as per latest guidelines issued by Government and Kerala State Pollution Control Board from time to time.
 - The product shall dissolve in Dichloromethane (Methylene dichloride) and this shall be indicated in the packaging bag/cover/sheet material in English and Malayalam
- l) CIAL Logo shall be displayed near the above inscription.
- m) Sample garbage bags (3No.s) printed with the above specified details must be submitted along with the tender for verification