12.2.8 Minimisation Policies Extended to Suppliers

2024-2025

AASTMT extends its minimisation policies to its suppliers through the Sustainable Procurement Policy, which applies to all goods, works and services the Academy buys, including equipment, stationery and consumables, catering, building and maintenance works, and waste-management services. The policy is applied through three mechanisms: sustainability specifications written into procurement contracts and tenders (Mission and Values, point 3); assessment of suppliers' and contractors' environmental performance in the supplier evaluation procedure (point 4); and supplier-evaluation commitments that promote products with recycled content (Supplier Evaluation, point 4) and require suppliers to reduce packaging waste and establish take-back programmes (Supplier Evaluation, point 5). Hazardous waste is collected and treated by licensed contractors under AASTMT's waste policies.

SUSTAINABLE PROCUREMENT POLICY

Background

The objective of this policy is to delineate the AASTMT's stance regarding the administration of sustainable and ethical procurement. The Sustainable Procurement Policy of the Arab Academy for Science, Technology, and Maritime Transport (AASTMT) establishes the essential sustainability criteria for the procurement of products and services by the institution. The policy also establishes the criteria and guidelines for the responsibilities of AASTMT buyers in relation to sustainable procurement activities. The Sustainable Procurement Policy mainly aims at waste reduction, with a hierarchical approach that emphasises reduction as the primary strategy, followed by reuse and ultimately recycling. In line with this perspective, it mainly focuses on minimising superfluous purchases, followed by a prioritisation of acquiring surplus or multi-purpose goods prior to procuring recyclable or compostable alternatives.

Mission and Values

AASTMT is acknowledging that procurement activities exert a substantial influence on the environment. Consequently, a strong dedication is held to minimise this impact to the greatest extent feasible. The present Sustainable Procurement Policy aligns with the principles governing a comprehensive procurement strategy, encompassing production and service, and is consistent with the University's broader environmental sustainability policies, including Climate Action Progress and its dedication to the People.

AASTMT actively promotes and advocates for its suppliers and subcontractors to effectively address and mitigate the environmental and social consequences arising from their business activities. Suppliers and subcontractors are advised to modify their business practises as necessary in order to comply with AASTMT policy and practices. In order to fulfil our obligations, we will:

1. Examine the necessity of procurement and the imperative to minimise consumption while simultaneously addressing user requirements.

2. It is imperative to consider the comprehensive life cycle costs and impacts associated with products and services when making purchasing decisions.
3. It is imperative to incorporate sustainability specifications into all pertinent procurement contracts and tenders, aligning them with the specific product or service being procured.
4. Assess the sustainability and environmental performance of suppliers and contractors, with the objective of promoting their adherence to environmentally conscious practises in their operational activities.
5. It is advisable to procure products that adhere to ethical standards and are traded fairly, thereby abstaining from the exploitation of labour. Additionally, it is recommended to endorse the acquisition of products and services that promote equality and diversity.
6. Enhance the knowledge and skills of personnel engaged in procurement activities, with the aim of promoting the adoption of the Sustainable Procurement Policy.

Policy Statement

The AASTMT recognizes its buying decisions' impact on the economy, society, and environment. AAST uses this as a chance to make ethical and sustainable purchases of goods and services. This policy attempts to incorporate environmental and socioeconomic considerations at each phase of the process of buying goods, mirroring the commitments outlined in the AASTMT's sustainability policy.

To assist us in fulfilling our obligations, the AASTMT seeks to

1. Evaluate the requirement for purchases and curtail consumption while simultaneously attending to user needs.
2. Consider the effects and whole-life costs of goods and services when making decisions about what to buy.
3. Assess suppliers' and contractors' environmental performance and sustainability and motivate them to operate in an environmentally conscious approach.
4. Invest in products that are ethically and fairly traded, refrain from exploiting employees, and encourage purchasing of goods and services that promote diversity and equality.
5. Raise staff members' knowledge and give them training so they will embrace the Sustainable Procurement Policy.

Objectives

1. To indicate the use of sustainable and environmentally friendly products whenever applicable.
2. To incorporate sustainable environmental criteria in the process of awarding contracts, when deemed suitable.

3. To plan the strategic activities related to Procurement strategically
4. To maximize the value for money and reduces operational and financial risk.
5. To adhere and promote the highest standards of professionalism, ethics, and sustainability related to procurement processes.

Supplier Evaluation

The suppliers' sustainable environmental credentials are incorporated, to the extent feasible, into the suppliers' evaluation procedure.

1. Advocate for the adoption of sustainable Fair Trade purchasing principles in suitable and feasible contexts.
2. Collaborate with essential suppliers to facilitate transformative initiatives aimed at disseminating sustainability enhancements across the entirety of the supply chain.
3. Engaging in the practise of abstaining from the usage of products containing substances that are known to possess particularly deleterious properties.
4. Promoting the utilisation of economically viable products that incorporate recycled materials.
5. Reduce packaging waste by requiring minimal packaging from suppliers and establishing take-back programmes.
6. Enhance the dissemination of information regarding the University's sustainability policies, objectives, and aspirations within the supply market to foster greater awareness.

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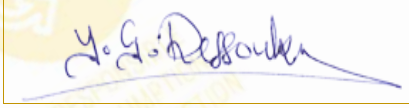
Approval Signature 	Dean of Scientific Research and Innovation

Sustainable Procurement Policy on AASTMT webpage

This policy sets out AASTMT's position on ethical and sustainable procurement and is the basis on which its minimisation requirements are extended to suppliers and contractors.

Hazardous Waste Contractor: Segregation and Handover to Nahdet Misr (November 2024)

On 17 November 2024, AASTMT reported the waste disposal procedure applied in the laboratories of its College of Pharmacy. Liquid chemical waste is collected in designated bottles in each laboratory and then transferred to larger containers, broken glass is stored in separate containers, and all waste is handed over to Nahdet Misr, a certified waste-management contractor, for environmentally responsible disposal. AASTMT's hazardous waste requirements are thus applied to the contractor that collects, transports and treats the waste.





Medical waste disposal procedures within the Arab Academy on AASTMT webpage

Tender with Environmental Specifications and Supplier Evaluation (February 2025)

On 9 February 2025, the Arab Renaissance for Environmental Solutions and Innovation Company, established by AASTMT and Nahdet Misr under the TouMaLi marine-litter project, issued a limited tender for two waste transportation trucks, with offers submitted at AASTMT's Miami campus in Alexandria. The specification requires the trucks to comply with EU and Egyptian emission standards and to carry GPS tracking for monitoring waste collection routes, and bids are scored out of 100 points, including 15 points for supplier evaluation (legal documents and track record) and 65 points for technical compliance.



Tender for procurement of Waste Transportation Truck

Arab Renaissance for Environmental Solutions and Innovation Company

يقوم مشروع TouMaLi بتطوير وإنشاء حلول مستدامة لإدارة النفايات في قطاع السياحة في دول مصر والمغرب وتونس لحماية النظم البيئية البحرية في منطقة الشرق الأوسط وشمال أفريقيا، ما يسمى بمنطقة الشرق الأوسط وشمال أفريقيا، يتم تمويل المشروع من قبل الوزارة الفيدرالية الألمانية للبيئة والسلامة النووية BMU وتقوده جامعة روستوك على مدى أربع سنوات (2021-2025).
أحد أهداف المشروع الرئيسية هو تقليل تلوث الشاطئ المرتبط بالسياحة في منطقة المشروع لدعم مفهوم السياحة المستدامة والخضراء لذلك تم أنشاء شركة النهضة العربية لحلول البيئة والابتكار بالتعاون مع والأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري وشركة نهضة مصر لتنفيذ الحلول الفنية لإدارة النفايات الصديقة للبيئة.
قامت شركة النهضة العربية لحلول البيئة والابتكار بطرح عملية توريد عدد (2) سيارة لنقل المخلفات وذلك من خلال طرح المناقصة المحدودة بين الشركات المتخصصة في هذا المجال، مع الالتزام الكامل بما هو موضح بالشروط الاتية:

1) المواصفات الفنية

عدد 2 سيارة لجمع و نقل المخلفات تحتوى على الاتى:
منظومة رفع وتفريغ لحاويات المخلفات فى الصندوق الخلفى (Bin lifter)
كباش لتجميع القمامة داخل الصندوق الخلفي
منظومة دفع المخلفات للتفريغ.
مع مراعاة الشروط الاتية:

Specification	Requirement
Visual Reference	Detailed image for the waste transportation truck
Truck Loading Capacity	Minimum 4 - 5 tons
Transmission	Manual (standard) or automatic (optional)
Compaction System	No compaction system, Packer plate can be an option
Tipper	Not mandatory, the price of an additional tipper can be indicated in the offer
Mesh cage	Option to add welded mesh cage to increase the loading capacity
Bin lifting mechanism	Not mandatory, the price for an additional bin lifting mechanism can be indicated in the offer
Loading capacity	Minimum 4 -6 m^3, capacity shall be increasable by using a mesh cage
Engine Speed	Minimum 1000 rpm
Emission Standards	Compliance with EU and Egyptian emission standards and regulations
GPS Tracking System	Included, for real-time monitoring of waste collection and

[Tender for Procurement of Waste Transportation Truck (PDF, February 2025) on AASTMT webpage]