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Resorts World Sentosa strives to be a leader in achieving the sustainability goals set by itself and the governing authorities. Hence, we actively collaborate with our suppliers to educate them and work together to achieve these goals. The Sourcing Guidelines in this document provide guidance on the mandatory and optional requirements that will allow RWS and its suppliers to be sustainability champions.

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Note:

F&B: Food & Beverages

IT: Information Technology

RESPONSIBLE SOURCING AND SUPPLY CHAIN

With the nation aiming for sustainability as one of the new engines of economic growth, it is now more than ever, an imperative for corporations to source responsibly and champion ESG issues in the supply chain.

To meet our 2030 carbon neutrality commitment and implement operational efficiencies, it is material for us to ensure responsible sourcing and an optimized supply chain.

Our responsible sourcing strategy is anchored on three focus areas:

Focus Area 1

Reduce social and environmental impacts (sustainable sources)

- Identify materials harvested with care for the longer-term health of the material source
- Integrate circularity in sourcing
- Reduce environment impact

Focus Area 2

Advocate and drive supply chain (supply chain influence)

- Incorporate sustainability considerations
- Drive Supplier Code of Conduct (SCoC)

Focus Area 3

Enhance compliance and corporate governance (supply chain assurance)

- Drive certifications and compliance to support sustainable business
- Drive fair and transparent business practices



General Guidelines

RWS is committed to purchase from local suppliers to support the local supply chain and reduce our carbon footprint as well as from local SMEs to support them grow in a sustainable manner. We will actively look for qualified local suppliers, local SMEs and local social enterprises that are able to provide competitive proposals without compromising on the quality of the product or services.

Local, Small and Medium Enterprises (SME) and Social Enterprises Sourcing

- Where feasible, at least one local, SME or social enterprise suppliers will be invited for biddable projects.
- Considerations will be put in place while conducting RFQ and Tender with objective to support local, SME and social enterprise suppliers.

Reducing Social and Environmental Impact

- Sustainable Sources: Where purchase has considerable impact to the environment, where operationally feasible, priority will be given to sustainable sources.
- Conservation of Resources (Scope of Work considerations)



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Cafeteria	Certification:	Certification:
	■ Minimum bizSAFE Level 3 certification.	■ Singapore Halal Certified - Majlis Ugama Islam Singapura (MUIS)
	Material:	■ Hazard Analysis Critical Control Point (HACCP)
	■ Electrical Appliances	Other Considerations:
	 Ensure all relevant electrical critical products 	■ Food Source
	must have the safety mark (SG) or equivalent	 Farmed locally in Singapore/ Asia- Pacific (APAC) Region.
	safety standard from the origin of country.	■ Food Waste
		 Food waste management system to monitor, analyze and then
		reduce waste (E.g., creating awareness amongst consumers
		etc.).
		■ Cleaning Chemical
		 Readily biodegradable supported with Safety Data Sheets (SDS)
		using Globally Harmonized System of Classification and
		Labelling of Chemicals (GHS)/ Organization of Economic Co-
		operation and Development (OECD) standards, where
		applicable.
		■ Wares
		 Bridgeable material/ FSC paper material to be quote instead of
		plastic (FSC-Forest Stewardship Council).



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Cleaning and Janitorial	 Certification: National Environment Agency (NEA) license Clean Mark Accreditation (Gold/Silver) Scheme certified by NEA for high value & long-term contracts. Common International Organization for Standardization (ISO) certifications such as: -	 □ ISO 22301 Business Continuity Management Systems ■ Use only Products/Material possess Singapore Green Label eco-labeling if applicable. ■ Products are labeled as 'low-hazard' or 'safer' by an ISO 14024-compliant (Type 1) Ecolabel, or by a third-party certification recognized. Other Considerations: ■ Outcome-Based Contracting ○ Leverage technology to improve productivity labour (E.g., Robotics and automation, smart washroom maintenance system).



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Electricity	Requirement:	Other Considerations:
	■ Permitted licensed electricity from Energy Market	■ General Guidelines:
	Authority (EMA) to sell electricity to contestable	Prospective retailers
	consumers.	Refer to list of licensed electricity retailers under EMA
	■ Permitted Retailers obtained 4 sections below:	website.
	Energy Market Authority ("EMA")	
	Power System Operator ("PSO")	
	Energy Market Company Pte Ltd ("EMC")	
	SP Services Ltd ("SPS")	
Floor Surfacing,	Certification:	Certification:
Paving, Tile, Mosaic,	■ Minimum bizSAFE Level 3 certification.	■ Vendor to obtain ISO 14001/ISO 9001/ISO 45001 Certification.
Marble, Carpet	Requirement:	■ Vendors to submit Material Specification if any green label
Laying and Concrete	■ Carpet - wool content not less than 30%.	(Green Label for carpet underlay / Adhesives to be Singapore
Works	Additional and alteration works (A&A) debris to	Green Building Council (SGBC)/eco-friendly certified).
	include disposal services with responsible	Other Considerations:
	disposal/ recycling requirement.	■ Circular Economy
	■ Tiles to provide anti-slip content where applicable	 Recycling and Re-use whenever possible.
	(for safety).	 Vendor to propose sustainable maintenance solutions.
		 To propose green materials/carbon negative materials.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Fuels	Requirement: ■ Petroleum /flammable materials transportation license from Singapore Civil Defence Force (SCDF).	 Other Considerations: Products/Material possess Singapore Green Label ecolabeling where possible. Obtain National Sanitation Foundation (NSF)/ Technical Inspection Association (TUV)/ Society of Surveillance (SGS) /Adblue diesel exhaust fluid / American Society for Testing and Materials (ASTM) testing.
Furniture and Furnishings		Other Considerations: ■ Recycled items like salvaged wood, recycled textiles and reused materials like wood pallets.
Gases	Requirement: Approved license from authority for sale and transportation of gas.	Other Considerations: ■ General Guidelines: ○ Gas Retailer ➤ Refer to list of licensed gas retailer from Energy Market Authority (EMA) website.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
HVAC (Heating, Ventilation,	Certification:	Other Considerations:
Air Conditioning)	 Approved license from authority for operating and 	Provide ACMV tested and monitoring solutions: -
*E.g., Air Conditioning and	maintenance of HVAC systems.	ACMV Control Algorithm: Using modern control
Mechanical Ventilation	Minimum bizSAFE Level 3 certification and above.	strategies such as model predictive control for energy
(ACMV)	Requirement:	reduction, the overall ACMV control can be
	Provide energy efficient design, optimization and	implemented and studied under strict controlled
	operation of the ACMV system to reduce the	conditions.
	energy and operation costs.	 Indoor Air Quality and Thermal Comfort: Physical and
		human subject studies can be conducted with
		desired conditions in the space.
		 ACMV Mechanical Subsystems: Different ACMV
		subsystems can be interchanged with test units in
		order to compare and evaluate their performance.
		For example, Air Handling Unit (AHU) with special
		hydrophobic coatings on the coils can be installed on
		the ACMV testbed and evaluated in relation to a
		normal AHU.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Interior Design, Furnishing,	Certification:	Certification:
Wall Covering, Carpentry	 Vendor shall possess bizSAFE Level 3 certification 	 Vendor to obtain ISO 14001 Certification.
	and above.	■ Vendor has track records/was awarded BCA Green Mark
	Requirement:	awarded projects.
	Mandatory responsible disposal/ recycling	 Vendor has track records/was awarded Leadership in
	requirement for debris.	Energy and Environmental Design (LEED) for past
		building/A&A projects.
		Material:
		 Vendor to propose sustainable construction
		methodologies (such as using increased prefabrication
		where possible, dry internal partition walls etc.)
		Materials such as paint/sealants/grout to possess
		Singapore Green Label if possible.
		Other Considerations:
		■ End-of-Life (EOL)
		 Recycling of old furniture/ironmongery/steel/etc.
		Green Cleaning
		 Use eco-friendly chemicals for cleaning and
		maintenance.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Laundry	Requirement:	Certification:
	■ Chemical	 Consider vendors with ISO 14001 certification.
	 Readily biodegradable supported with Safety Data 	Other Considerations:
	Sheets (SDS) using Globally Harmonized System of	Sustainable solutions (E.g., generating electricity via
	Classification and Labelling of Chemicals (GHS)/	renewable sources, recycling of laundry water etc.)
	Organization of Economic Co-operation and	
	Development (OECD) standards, where applicable.	
Refuse Collection	<u>Certification:</u>	<u>Certification:</u>
and Disposal	Vendors to submit National Environment Agency (NEA)	 Vendor to obtain ISO 14001/ISO 9001/ISO 45001
	licenses general waste collectors (GWCs) include the class of	Certification.
	GWC.	Other Considerations:
	Minimum bizSAFE Level 3 certification.	■ End-of-Life (EOL)
	Progressive Wage Model (PWM) Compliant (In future).	 Vendor to propose sustainable installation and
	Requirement:	maintenance solutions (on top of standard
	 Demonstrate sustainable sourcing policies and training. 	comp/non-comp) to further reduce unnecessary or
	■ To provide recycling program disposal e.g., plastic, paper,	unplanned downtime due to failure.
	glass, metal.	 Upgrading of existing systems to improve
	Trucks to have a weighing scale to accurately measure waste	efficiency.
	generated and have some form of monthly reporting.	Setting a recycling target by %.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Scenic	Requirement:	Material:
	Scenic construction - Minimum bizSAFE Level 3	Props fabrication preferably containing sustainable
	certification and above.	materials, i.e., plywood (wood sourced from FSC certified
		manufacturer), steel etc.
		Other Considerations:
		■ End-of-Life (EOL)
		 Consider reuse for other events, repurpose, sell to e-
		waste/rental companies to recycle etc.
Structural Metal	Certification:	Material:
Erection and Metal	 Approved license from authority for operation. 	 Use only Products/Material possess Singapore Green Label
Finishing	 Vendors to demonstrate sustainable sourcing policies 	eco-labeling where possible.
	and training.	Certification:
	 Minimum bizSAFE Level 3 certification and above. 	Vendor to obtain ISO 14001/ISO 9001/ISO 45001
	Requirement:	Certification.
	To recycle bulk scrap metal to appointed recycle	Building and Construction Authority (BCA) listed company.
	collector for responsible disposal/ recycling.	Other Considerations:
	Possibility to re-use on RWS site as much as possible.	Circular Procurement/Economy
	 Anti-corrosion coating to be specified into to relevant 	 Vendors to source and use recycling steel/metal as much as
	jobs.	possible.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Transportation	Requirement:	Other Considerations:
	Lower carbon emissions,	■ Comes with Global Positioning System (GPS) tracker,
	 Towards zero tailpipe emission capability, or 	traffic information, route optimization or speed limiter.
	Better air pollutant emissions performance	Extended warranty or with comprehensive maintenance.
	 Minimum specifications are in place with the 	 Alternatives to conventional diesel fleets are preferred
	following details:	(i.e., electric / hybrid). RWS aspire to convert 100% of our
	 Complies with Euro 6 emission standard for 	transportation to electric fleet by 2030. Proposals that
	supply of transportation services or leasing of	help us achieve this are welcomed.
	vehicles.	
	Powered by electric or hydrogen fuel cell	
	for supply or lease of buggies.	



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Cleaning and Janitorial -	Requirement:	Certification:
Supplies, Accessories and	■ Chemical	 Use only Products/Material possess Singapore Green Label
Equipment	 Biodegradable supported with Safety Data 	eco-labeling if applicable.
	Sheets (SDS) using Globally Harmonized	Products are labeled as 'low-hazard' or 'safer' by an ISO
	System of Classification and Labelling of	14024-compliant (Type 1) Ecolabel, or by a third-party
	Chemicals (GHS) and Organization of	certification recognized.
	Economic Co-operation and Development	Other Considerations:
	(OECD) standards where applicable.	■ Circular Procurement/Economy
	 Products to be packaged in reusable or 	 Vendor/Supplier to have Product Responsibility scheme
	readily recyclable materials where	(E.g., re-bottling/recycling).
	applicable.	 Sustainable Cleaning Equipment
	 Green Programme for bulk chemical 	 Less water consumption and chemicals, machine made
	contracts.	of recycled materials.
Disposable ware and	<u>Certification:</u>	Certification:
Food wares	 Biodegradable material/ FSC paper material to 	 Vendor to obtain Certification.
	be quoted instead of plastic (FSC-Forest	Provide other certification (E.g., Compostable)
	Stewardship Council)	Other Considerations:
		■ Green Cleaning
		 Use eco-friendly material.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
F&B	Requirement:	Certification:
(Ready to Eat / Ready to	Supplier must possess Hazard Analysis Critical	■ Singapore Standards (SS) 590
Serve Food Products)	Control Point (HACCP) certification or equivalent	■ Singapore Standards (SS) 444
		International Organization for Standardization (ISO)
		22000
		■ British Retail Consortium Global Standard for Food Safety
		(BRCGS)
		■ Good Manufacturing Practice (GMP)
F&B - (Coffee/Tea)	Requirement:	Other Considerations:
	Product to be sustainable, must possess minimum	■ Green Program
	1 of the following:	 Program or solution to manage waste and upcycle
	 Certification 	packaging materials.
	➤ Fairtrade	Packaging Material
	➤ Rain Forest Alliance (RFA)	 To use environmentally friendly packaging.
	 Sustainability Statement 	
	State and demonstrate sustainability	
	commitment relating to Environmental,	
	Social and Governance (ESG) framework.	



Material Categories	Mandatory Requirements	Desired/Optional Requirements
F&B - (Water)	Requirement:	Other Considerations:
	Product to be sustainable, packaging material must	■ Green Program
	meet the following requirement:	 Program or solution to recycle packaging materials.
	 Paper – Forest Stewardship Council (FSC) 	
	 Cap – biodegradable, bio-based, recyclable, 	
	etc.	
	 Glass or other environmentally friendly 	
	material.	
F&B - (Eggs)	Requirement:	Certification:
	■ Singapore Quality Egg Scheme (SQES) – Singapore	■ Singapore Standards (SS) 676:2021 Specification for good
	Farm(Refer to Singapore Food Agency website.)	animal husbandry practice for layer farms.
	Reusable plastic trays for hen shell eggs.	Other Considerations:
		Packaging Material
		 To use reusable or environmentally friendly
		packaging whenever possible.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
F&B - (Seafood)		Certification:
		■ Good Aquaculture Practices for Fish Farming (GAP-FF) —
		Singapore Farms (Refer to Singapore Food Agency
		website.)
		■ Singapore Standards (SS) 670:2021 Specification for
		Good Aquaculture Practice
		Sustainable certifications such as (but not limited to):
		 Marine Stewardship Council (MSC)
		 Aquaculture Stewardship Council (ASC)
		 Best Aquaculture Practices (BAP)
		 Global Good Agricultural Practices (Global GAP)
		Other Considerations:
		■ Origin
		 Seafood farmed locally in Singapore.
		 Seafood farmed/catch from APAC region.
		■ Farming Practices
		 Adopt sustainable farming practices.
		 Harness technology for sustainable farming.
		 Treat effluent water before discharge.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
F&B - (Vegetables)		Certification:
		 Good Agricultural Practice for Vegetable Farming (GAP-
		VF) – Singapore Farms (Refer to Singapore Food Agency
		website.)
		■ Singapore Standards (SS) 675:2021 Specification for Good
		Agriculture Practice
		Singapore Standards (SS) 661:2020 Specification for
		Clean and Green Urban Farms – Agriculture (Singapore)
		Other Considerations:
		■ Origin
		 Vegetables farmed locally in Singapore.
		 Vegetables farmed/harvest from APAC region.
		Farming Practice
		 Adopt sustainable farming practices.
		 Harness technology for sustainable farming.
		 Treat effluent water before discharge.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
IT Network Storage,	Requirement:	Material:
Servers, Switches	Packaging material – vendor to submit company's	Sustainability related certification (Temporary Certificate
	sustainability plan/initiative on	of Occupancy (TCO), Energy Star etc.) preferred.
	recyclable/sustainable packaging material.	■ Products upgrade/parts replacement.
IT Computer Desktop,	 Ensure all relevant electrical critical product must 	Other Considerations:
Laptop, Monitor	have the safety mark (SG) or equivalent safety	■ End-of-Life (EOL)
	standard from the original of country.	 Consider trade in of products for tech refresh.
	Packaging material – vendor to submit company's	■ Energy Consumption
	sustainability plan/initiative on	 Vendor to provide energy consumption data for
	recyclable/sustainable packaging material.	proposed products for consideration.
Lubricants & Chemicals	Certification:	Other Considerations:
	 Hazardous substances license from National 	Products/Material possess Singapore Green Label eco-
	Environment Agency (NEA).	labeling where possible.
		 Obtain National Sanitation Foundation (NSF)/ Technical
		Inspection Association (TUV)/ Society of Surveillance
		(SGS) /Adblue diesel exhaust fluid / American Society for
		Testing and Materials (ASTM) testing.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Pyrotechnics	Requirement:	Material:
	Products to be perchlorate-free.	■ Products containing low or no smoke chemical contents.
		 Alternative products (i.e., light show, drone etc.)
Room Amenities, Perfumes	Requirement:	Certification:
and Colognes and	■ Biodegradable material / FSC paper material to be	Vendor to obtain certification.
Fragrances	quote instead of plastic (FSC-Forest Stewardship	Provide "Bio" material certification for bottle.
	Council).	Other Considerations:
		■ Green solution
		 Use paraben free, Methylisothiazolinone
		(preservatives, to prevent growth of bacteria),
		cruelty free.

Notes:

- 1. The Sourcing Guidelines shall be reviewed and updated periodically, and the latest version shall be posted on the RWS Procurement website.
- 2. The Sourcing Guidelines shall be read in conjunction with the Sustainable Procurement Policy and RWS Supplier Code of Conduct.
- 3. Suppliers must comply with the mandatory requirements. RWS may make exceptions on a case-by-case basis.

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