RESORTS WORLD™ SENTOSA

RWS SOURCING GUIDELINES FOR SUPPLIERS

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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).
		■ Hazard Analysis Critical Control Point (HACCP).
	Material:	
	■ Electrical Appliances	Other Considerations:
	o Ensure all relevant electrical critical	■ Food Source
	products must have the safety mark (SG) or	o Farmed locally in Singapore/ Asia- Pacific (APAC) Region.
	equivalent safety standard from the origin of	■ Food Waste
	country.	o 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
		o 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: -	 Certification: 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,	• Minimum bizSAFE Level 3 certification.	■ Supplier to obtain ISO 14001/ISO 9001/ISO 45001 Certification.
Mosaic, Marble,		■ Supplier to submit Material Specification if any green label
Carpet Laying and	Requirement:	(Green Label for carpet underlay / Adhesives to be Singapore
Concrete Works	■ Carpet - wool content not less than 30%.	Green Building Council (SGBC)/eco-friendly certified).
	Additional and alteration works (A&A) debris to	
	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).	 Supplier to propose sustainable maintenance solutions.
		o 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,	Certification:	Other Considerations:
Ventilation, Air	 Approved license from authority for operating and 	Provide ACMV tested and monitoring solutions: -
Conditioning)	maintenance of HVAC systems.	 ACMV Control Algorithm: Using modern control
*E.g., Air Conditioning	 Minimum bizSAFE Level 3 certification and 	strategies such as model predictive control for
and Mechanical	above.	energy reduction, the overall ACMV control can be
Ventilation (ACMV)		implemented and studied under strict controlled
	Requirement:	conditions.
	Provide energy efficient design, optimization and	 Indoor Air Quality and Thermal Comfort: Physical
	operation of the ACMV system to reduce the	and human subject studies can be conducted with
	energy and operation costs.	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,	Certification:	Certification:
Furnishing, Wall Covering,	Supplier shall possess bizSAFE Level 3	 Supplier to obtain ISO 14001 Certification.
Carpentry	certification and above.	 Supplier has track records/was awarded BCA Green
		Mark awarded projects.
	Requirement:	 Supplier has track records/was awarded Leadership in
	 Mandatory responsible disposal/ recycling 	Energy and Environmental Design (LEED) for past
	requirement for debris.	building/A&A projects.
		Material:
		 Supplier 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 Suppliers with ISO 14001 certification.
	 Readily biodegradable supported with Safety Data 	
	Sheets (SDS) using Globally Harmonized System of	Other Considerations:
	Classification and Labelling of Chemicals (GHS)/	Sustainable solutions (E.g., generating electricity via
	Organization of Economic Co-operation and	renewable sources, recycling of laundry water etc.)
	Development (OECD) standards, where applicable.	
Refuse Collection	Certification:	Certification:
and Disposal	 Suppliers to submit National Environment Agency (NEA) 	Supplier to obtain ISO 14001/ISO 9001/ISO 45001
	licenses general waste collectors (GWCs) include the class	Certification.
	of GWC.	
	 Minimum bizSAFE Level 3 certification. 	Other Considerations:
	Progressive Wage Model (PWM) Compliant (In future).	■ End-of-Life (EOL)
		 Supplier 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
	To provide recycling program disposal e.g., plastic, paper,	or unplanned downtime due to failure.
	glass, metal.	 Upgrading of existing systems to improve
	Trucks to have a weighing scale to accurately measure	efficiency.
	waste generated and have some form of monthly reporting.	Setting a recycling target by %.



Material Categories	Mandatory Requirements	Desired/Optional Requirements
Scenic	Requirement: Scenic construction - Minimum bizSAFE Level 3 certification and above.	 Material: Props fabrication preferably containing sustainable materials, i.e., plywood (wood sourced from FSC certified manufacturer), steel etc.
		Other Considerations:
		End-of-Life (EOL)
		o 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
Finishing	 Suppliers to demonstrate sustainable sourcing policies and training. 	Label eco-labeling where possible.
	 Minimum bizSAFE Level 3 certification and above. 	Certification:
	Requirement:	 Supplier to obtain ISO 14001/ISO 9001/ISO 45001 Certification.
	 To recycle bulk scrap metal to appointed recycle collector for responsible disposal/ recycling. 	 Building and Construction Authority (BCA) listed company.
	 Possibility to re-use on RWS site as much as possible. 	Other Considerations:
	 Anti-corrosion coating to be specified into to relevant 	Circular Procurement/Economy
	jobs.	 Suppliers to source and use recycling steel/metal as much
		as 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
	Minimum specifications are in place with the	maintenance.
	following details:	 Alternatives to conventional diesel fleets are preferred
	 Complies with Euro 6 emission standard for 	(i.e., electric / hybrid). RWS aspire to convert 100% of
	supply of transportation services or leasing of	our transportation to electric fleet by 2030. Proposals
	vehicles.	that help us achieve this are welcomed.
	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	Chemical	 Use only Products/Material possess Singapore Green Label
and 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	
	(OECD) standards where applicable.	Other Considerations:
	 Products to be packaged in reusable or 	Circular Procurement/Economy
	readily recyclable materials where	 Supplier to have Product Responsibility scheme (E.g.,
	applicable.	re-bottling/recycling).
	 Green Programme for bulk chemical 	Sustainable Cleaning Equipment
	contracts.	 Less water consumption and chemicals, machine made
		of recycled materials.
Disposable ware and	Certification:	Certification:
Food wares	Biodegradable material/ FSC paper material to	Supplier 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	Green Program
	minimum 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	■ Green Program
	must 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
	Farm(Refer to Singapore Food Agency website.)	good animal husbandry practice for layer farms.
	Reusable plastic trays for hen shell eggs.	
		Other Considerations:
		Packaging Material
		o 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 – supplier to submit 	Sustainability related certification (Temporary
	company's sustainability plan/initiative on	Certificate of Occupancy (TCO), Energy Star etc.)
	recyclable/sustainable packaging material.	preferred.
IT Computer Desktop,	Ensure all relevant electrical critical product	■ Products upgrade/parts replacement.
Laptop, Monitor	must have the safety mark (SG) or equivalent	
	safety standard from the original of country.	Other Considerations:
	 Packaging material – supplier to submit 	End-of-Life (EOL)
	company's sustainability plan/initiative on	 Consider trade in of products for tech refresh.
	recyclable/sustainable packaging material.	Energy Consumption
		 Supplier to provide energy consumption data for
		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,	Requirement:	Certification:
Perfumes and Colognes	Biodegradable material / FSC paper material to	Supplier to obtain certification.
and Fragrances	be quote instead of plastic (FSC-Forest	Provide "Bio" material certification for bottle.
	Stewardship 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 <u>Sustainable Procurement Policy</u> and <u>RWS Supplier Code of Conduct</u>.
- 3. Suppliers must comply with the mandatory requirements. RWS may make exceptions on a case-by-case basis.

