

ANNEX 1: SPECIFICATIONS**RFQ2022/WSM/105 Hatchery Equipment**

Note: UNDP Samoa through its COVID-19 Preparedness and Recovery: Diversification of the Economic Sector in Samoa (CPRDESS) Project, intends to procure the following equipment for the Ministry of Agriculture and Fisheries in Samoa.

Technical Specifications:

Description of Goods					
LOT	Item	Description	Objective	Specification	Quantity
1	1	Portable Tubs	Needed for culturing sea grape biomass and can be moved around	3000L Round fibreglass Culture Tanks	5
	2			1000L (tall) Round fibreglass culture tanks	5
	3			Length 2m width 0.8m Rectangle FRP Fiberglass Fish Tank	5
	4			L36' x W8' x H3' Rectangular Fiberglass Fish Tank	5
	5	Sand filter bags	Filter Bags for filtering the seawater	10-micron bags	20
	6			5-micron bag filters	20
	7			1 micron bag filters	20
	8	Sea grape cages	Nets used to weave cages for the sea grape farms	Polymer coated polyester nets for cages Square mesh size = 5mm Weight/m2 = 450g Tensile strength (ISO 53857) = 40 kN/m Expansion force (ISO 10319) = 15%	20
	9	Measurement tools	Measure quality of water/seawater and to measure the content of salinity	Refractor	1
	10		Measure the content of salinity/salt in the ponds	Salinometer	2
	11	Aerations	To supply oxygen to the sea grape tubs and raceways	Oxygen bubbles aeration hose (250m)	30
				Oxygen bubbles air stones	50
2	13	Water Tanks	To supply freshwater to raceways at Toloa	3000L round polyethylene water tank	3
3	14	Cleaning materials	For sanitising/cleaning of ponds and tubs	Chlorine tablets (per bucket)	5
	15		Cleaning hatchery floors	Heavy duty floor scrub brush with handle	5
	16		Floor scrub brush	10	
	17	To supply freshwater to raceways occasionally and for cleaning purposes	Water hose with fittings (50m)	2	
	18	For cleaning ponds/portable tubs/floors	Electric water blaster, minimum 3000 PSI	1	
4	19	Freshwater, seawater, air pumps		Heavy duty seawater pump VOLT: 230VAC 1PH FREQ: 50/60Hz KW:3.2 AMP:16 HP:3 SF:1.43 SFHP:4.29 RPM:1100-3450 AMB:550C/1300F FRAME: 56 TEFC/1P55/TYPE 3	1
	20			Freshwater pump Minimum POWER: 1/6HP/0.1KW, CYCLE PHASE: 50Hz/1P, Head (Rate/Max): 4/6.5M MAX: 3M, Volt/Rate: 220V / 1A, Discharge: 1 INCH, Capacity (Rate/Max): 40/70 Lpm	1
	21			Low noise air pump LP100 Minimum 140L, pressure minimum 0.042mpa, AC 220V	1

Delivery Requirements

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Delivery date and time	Within 2 to 4 weeks upon PO placement with winning vendor
Delivery Terms (INCOTERMS 2020)	DAP
Customs clearance (Must be linked to INCOTERM)	<input type="checkbox"/> Not applicable Shall be done by: <input type="checkbox"/> UNDP (where applicable) <input type="checkbox"/> Supplier/bidder <input type="checkbox"/> Freight Forwarder
Exact Address(es) of Delivery Location(s)	One UN House, SIDS Street, Tuanaimoto, Apia, Samoa
Distribution of shipping documents (if using freight forwarder)	N/A
Packing Requirements	N/A
Training on Operations and Maintenance	N/A
Warranty Period	Minimum one year warranty for each item
After-sales service and local service support requirements	Availability for warranty period cover
Preferred Mode of Transport	N/A