

Concrete Mixer



Specification	
General	A brand new concrete mixer of reputed make
	Year of manufacture must not be older than five years
Engine	Electric start, petrol or diesel engine of a reputed make.
	Preference given to a locally established make
Capacity	150 – 200L
Speed	Minimum 22rpm
Other Requirements	Should be a reputable brand commonly used in the Maldives

Manual Brick Cutter



Specification	
General	A brand new portable brick cutting machine used as an effective tool for trimming, cutting and splitting standard bricks
	Carbon steel or equivalent blade
Cutting Thickness	Between 60-240mm
Cutting Width	Between 0-300mm

Thermoplastic Road Marking Machine



Specification	
General	A brand new special-purpose equipment used for road marking.
Tank	Thermoplastic tank: Double stainless steel heating insulation barrels, and plug-in manual mixer devices or equivalent Capacity of 80 to 100 kg
Marking	Marking width within 50mm to 500mm or customized Spraying speed should be minimum 500m/h
Heating Method	Octane (petrol) powered

Walk Behind Roller



Specification	
General	A brand new high-amplitude walk-behind roller of reputed make that built for work on soils and aggregates.
Capacity	Operating weight 600-750kg
Engine	Should be diesel or petrol powered
	Max. Output Not less than 6kW
	Should be electric start
Compaction	Hydrostatic adjustable 2 different (low/High) centrifugal forces have to be equipped.
	Max. centrifugal force shall be not less than 20kN
	Forward direction travelling should be not less than 4 km/h
	Grade ability with vibration not less than 25%
	Drum Width shall not to exceed 650mm
Other Requirements	Should be a reputable brand commonly used in the Maldives
	Warranty and after sales service for a period of 1 year
	Consumable spare parts required for periodical maintenance of the machine such as (fuel filter, oil filter, air filter, hydraulic filter) to be provided for a maintenance period of 2 years

Air Compressor 500L



Specification	
General	A brand new industrial grade air compressor
Operation	Single stage air compressor
	Minimum pressure of 7kg/cm2
	Tank capacity of 500L
	Reciprocating/ Piston compressor type
	Motor power of minimum 7kW

Roller Double Drum 10T



Specification	
General	A brand new Tandem Roller of reputed make that built for motorways compaction.
	Year of manufacture must not be older than five years
	Operating Weight should be between 9000kg to 11000kg
Engine	The diesel engine has to have direct injection system and turbocharger
	The engine net power has to be minimum 60kW
Compaction	Hydrostatic adjustable 2 different centrifugal forces shall be provided
	Low - Not less than 65Kn
	High - Not less than 75Kn
	Compactor shall have 2 or more amplitudes and frequencies
	Working Speed (Max) should be not less than 7km/h
	The front and rear drums should drive hydrostatically
	Drum Width shall not to exceed 1700mm
Others	Factory fitted pressurized auto sprinkling system and water filtration system shall be not less than 700 liters.
	Operator's seat shall be adjustable, rotatable and slidable
	Machine should be equipped with Electronic Joystick, Travel Speed Sensor & Controller for Smooth Start & Stop Function.
	Machine should be with Electronic Joystick for easy fine-tune adjustment of working speed.
Documentation	Parts Catalogue in English should be supplied
	Maintenance Manual in English should be supplied
	Operators Manual in English should be supplied
Other Requirements	Should be a reputable brand commonly used in the Maldives
	Warranty and after sales service for a period of 1 year
	Consumable spare parts required for periodical maintenance of the machine such as (fuel filter, oil filter, air filter, hydraulic filter) to be provided for a maintenance period of 2 years

Compactor (3-5T) Ride on



Specification	
General	A brand new ride on compactor of reputed make that built for compaction.
	Year of manufacture must not be older than five years
	Operating Weight should be between 3000kg to 5000kg
Engine	The diesel engine has to have direct injection system and turbocharger
	The engine net power has to be minimum 30kW
Compaction	Hydrostatic adjustable 2 different centrifugal forces shall be provided
	The front and rear drums should drive hydrostatically
	Drum Width shall not to exceed 1400mm
	Factory fitted pressurized auto sprinkling system.
Documentation	Parts Catalogue in English should be supplied
	Maintenance Manual in English should be supplied
	Operators Manual in English should be supplied
Other Requirements	Should be a reputable brand commonly used in the Maldives
	Warranty and after sales service for a period of 1 year
	Consumable spare parts required for periodical maintenance of the machine such as (fuel filter, oil filter, air filter, hydraulic filter) to be provided for a maintenance period of 2 years

Asphalt Paver – Mini



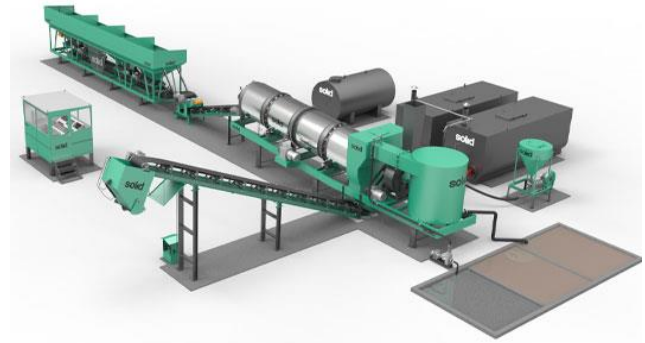
Specification	
General	A brand new Mini Asphalt paver of reputed make that built for small to medium size road paving.
	Year of manufacture must not be older than five years
Engine	The diesel engine has to have direct injection system, turbocharged and water-cooled
	Rated power should not be less than 50kW
Screed	Working width should between 1m to 3.5m
	Screed must be equipped with tamper & vibration
Feeding System	Hopper capacity should not less than 5tons
	Dual bar feeder independent conveyor belt
	Automatic conveyor control should be equipped with Proportional paddles
Paver Controller and Dashboard	Automated monitoring system for paving and system should provide feedback to operators.
	Automated monitoring system should be able to control functions for precise results
	Automated functions such as paving parameters, memory, and crown and slope settings
	Display on dashboard to provide constant feedback to operator
Documentation	Parts Catalogue in English should be supplied
	Maintenance Manual in English should be supplied
	Operators Manual in English should be supplied
Other Requirements	Should be a reputable brand commonly used in the Maldives
	Warranty and after sales service for a period of 1 year
	Consumable spare parts required for periodical maintenance of the machine such as (fuel filter, oil filter, air filter, hydraulic filter) to be provided for a maintenance period of 2 years

Asphalt Paver - Medium



Specification	
General	A brand new Mini Asphalt paver of reputed make that built for small to medium size road paving.
	Year of manufacture must not be older than five years
Engine	The diesel engine has to have direct injection system, turbocharged and water-cooled
	Rated power should not be less than 50kW
Screed	Working width should between 1.5m to 4m
	Screed must be equipped with Tamper & vibration
Feeding System	Hopper capacity should not less than 10tons
	Dual bar feeder independent conveyor belt
	Automatic conveyor control should be equipped with Proportional paddles
Paver Controller and Dashboard	Automated monitoring system for paving and system should provide feedback to operators.
	Automated monitoring system should be able to control functions for precise results
	Automated functions such as paving parameters, memory, and crown and slope settings
	Display on dashboard to provide constant feedback to operator
Documentation	Parts Catalogue in English should be supplied
	Maintenance Manual in English should be supplied
	Operators Manual in English should be supplied
Other Requirements	Should be a reputable brand commonly used in the Maldives
	Warranty and after sales service for a period of 1 year
	Consumable spare parts required for periodical maintenance of the machine such as (fuel filter, oil filter, air filter, hydraulic filter) to be provided for a maintenance period of 2 years

Mobile Asphalt Plant



Specification	
General	A brand new mobile asphalt plant of reputed make that is designed modular based and transport optimized
	Should be drum mix type plant
	Production capacity should be between 30-60 tonnes per hour
Should Include	Cold Feeder Bins
	Drum Mixer
	Diesel Tank
	Bitumen tank with burner
	Control Panels
	Diesel Generator Set
Feeder	Ability to setup minimum of 4 cold bins
	Equipped with bin vibrator
Drying Drum	Diesel fuel powered
	Drive motor of minimum 10kW
Load Out System	Gob hopper with high temperature conveyor for discharge of mix into dumpers / trucks
	Drive motor of minimum 3kW
Bitumen Tank	Fully insulated bitumen storage tank of capacity of minimum 10 tons
Other Mechanical Properties	Transport optimized with built in wheels for transportation
	Option to split into multiple chassis for transportation
Documentation	Parts Catalogue in English should be supplied
	Maintenance Manual in English should be supplied
	Operators Manual in English should be supplied
Other Requirements	Should be a reputable brand commonly used in the Maldives
	Warranty and after sales service for a period of 1 year
	Consumable spare parts required for periodical maintenance of the machine such as (fuel filter, oil filter, air filter, hydraulic filter) to be provided for a maintenance period of 2 years