

**National Competitive Bidding (NCB)  
Single Stage Two Cover System  
BIDDING DOCUMENT  
For  
Procurement of the work of**

**SUPPLY OF 4 NOS. OF BEACH CLEANING MACHINE AND TRACTOR FOR  
MAMALLAPURAM BEACH AND MANAPAD BEACH UNDER SWADESH  
DARSHAN SCHEME IN TAMILNADU**

**Volume 2-Financial Bid**

Issued on : 10.09.2018  
Invitation for Bids No. : 2690-M/Engg/2018 (II Call)

**Employer:**

**The Chairman & Managing Director,  
Tamil Nadu Tourism Development Corporation Limited,  
Tamil Nadu Tourism Complex,  
2, Wallajah Road, Chennai – 600 002,  
Tamil Nadu  
Telephone: +91- 44-, 25333851-85 Email: ttdc@vsnl.com**

(THIS TENDER DOCUMENT IS NOT TRANSFERABLE)

**SECTION XI**

**Bill of Quantities 'B'**

**SCHEDULE OF QUANTITY AND RATES**

MAKE:

MODEL:

**SCHEDULE OF QUANTITY AND RATES**

S.N.	Description	Qty (Nos.)	Rate per unit (Rs.)	GST in Rs.	Total Amount In Rs.
1	Supply of Beach Cleaning Mechanical sweeping machine with below mentioned specifications:		4		
	<b>Particulars</b>	<b>Specification</b>			
	CAPACITY; Hopper volume:	The Beach Cleaning Machine hopper should hold 1.50 to 2 cubic metre of debris			
	CLEANING WIDTH	The Beach Cleaning Machine minimum cleaning width should be 1.75 to 1.85 meter			
	DUMP HEIGHT	Dump height should be not less than 9 feet.			
	CLEANING PERFORMANCE	The Beach Cleaning Machine should clean minimum 5 Acres up to 9 Acres per hour			
	CLEANING DEPTH:	Adjustable 150 mm to 300 mm			
	CONVEYOR:	Of bar flight type, covered with continuous 6' wide belt, with stainless steel spring tines mounted on it.			

HYDRAULIC DRIVE:	Completely sealed and protected by the full flow filter. Large capacity spline mounted pump, hydraulic motor, flow control, and built-in overflow protection.				
SIZE OF THE MACHINE	Suitable dimensions: H X L X W				
WEIGHT OF THE MACHINE	Suitable				
TYRES	Suitable				
DEBRIS TO BE REMOVED	Broken glass, plastic, syringes, cigarette butts, pop-tops, straws, cans, tar balls, stones 3/8" to 6" [13 mm to 150 mm] in diameter, sea grass, seaweed, fish, and small pieces of wood.				
OPERATING SPEED:	The Beach Cleaning Machine should be able to clean up to speed of 20 km/hr.				
WORKING AREA:	The Beach Cleaning Machine should work equally well in wet sand and in dry sand.				
VISIBILITY:	The Beach Cleaning Machine operator should have excellent visibility from the tractor of the area to be cleaned and also the area immediately in front of the Beach Cleaning Machine.				
TURNING:	The Beach Cleaning Machine should be able to continuously clean the beach even while turning.				

STABILITY:	The Beach Cleaning Machine should have a stable wide wheelbase and low center of gravity.				
VERSATILITY; other uses:	The Beach Cleaning Machine should be capable in areas other than the beach to pick stone, remove thatch and remove garbage from grass or paved areas. The Beach Cleaning Machine should have a towing tractor, which can be quickly detached and used for other purposes.				
Galvanization:	Entire Frame of Beach Cleaning Machine should be full hot dip galvanized. (Entire Frame includes Bucket, moldboard, lift arms, Stainless Steel tines and hardware) Tines should be Stainless Steel				
PAINT	Polyurethane enamel or equivalent (corrosion resistant)				
EASE OF MAINTENANCE:	The Beach Cleaning Machine should be constructed with ease of maintenance as a primary consideration.				
LUBRICATION SYSTEM	Beach Cleaning Machine should have an automatic lubrication option.				
FINISHING	The Beach Cleaning Machine should grade the beach while cleaning. It should knock down the high spots and fills in the holes.				

	WARRANTY	The warranty of the Beach Cleaning Machine should be for minimum 12 months from the date the customer puts it into operation with extended warranty of 1 year. Everything including the chains, sprockets, tines etc. should be covered under this warranty				
	SPARES	Mandatory spares required for operation (will be release on pro rata basis for 1% per year)				
2	Supplying of Tractor to be used as the prime mover for beach cleaning machine B.S.IV MGV truck chassis		4			
	<b>Description</b>	<b>Specifications</b>				
	ENGINE	Not less than 55 HP, Naturally Aspirated or Turbo charged, 4 cylinder, Diesel operated, water cooled engine with latest emission norms. Air cleaner Type: Dry				
	TRANSMISSION	Four wheel drive agricultural type tractor, constant mesh or equivalent, Dual clutch				
	GEARS	8 forward and 2 reverse. Four gears, plus reverse, in high and low ranges.				
	STEERING	Power steering				
	WHEEL BASE	Not less than 2300 mm				

TYRES	Front: 9.50" x 24" Rear: 16.9" x 30"				
ELECTRICALS	Battery: 12 v 88AH All necessary lights for Night operation.				
OTHER TRACTOR REQUIREMENTS:	Not less than 540 RPM rear PTO, PTO (Actuation) Mechanical, Hand operated, 3-point hitch and depending on model and options, up to two remote hydraulic valves with raise, hold and float positions. Differential lock facility				
OTHERS:	Driver canopy, Adjustable driver seat, Hour meter gauge and other important gauges, Front Toe hook and Swinging Draw Bar with linkage Crossbar are to be provided. Compatible for fitment with GPS device and Fuel Sensor device. Other necessary accessories for toeing the Beach cleaning machine.				
GPS & FUEL SENSOR	GPS device to be provided. Fuel sensor device to be provided with online monitoring portal during the contract period.				
WARRANTY:	One year warranty from the date the customer puts it into operation with extended warranty of 1 year.				
SPARES	Mandatory spares required for operation (will be release on pro rata basis for 1% per year)				

	<b>Total Rs.</b>	
	<b>Total in Rs. Words</b>	

Note: All the speciation's & dimensions mentioned above are indicative and may vary as per make and model

## CONDITIONS.

### Tender should specify the Make & Model without fail.

- 1) **The bidders are requested to quote the rate in the BOQ format only.** Other formats will not be accepted and liable for rejection.
- 2) The tenderer should supply the Beach Cleaning Machine equipment with tractor in compliance with the specification mentioned in the Schedule "A & B
- 3) The quote should include all taxes, levies, Entry Tax including those specified by Government of Tamil Nadu.
- 4) The successful tenderer should supply 4 Nos. of Beach Cleaning Machine with tractor vehicles and deliver the same with permanent registration, Fitness Certificate, Road Tax and Insurance.
- 5) The Expenditure on permanent registration, Fitness Certificate, Road Tax and Insurance shall be refunded on submission of actual Challan.
- 6) **Under no circumstances shall any conditional Tender be accepted.**
- 7) Tenderer should quote rate for one make and one model of the vehicle

The rates mentioned above should include Entry Tax, Local Taxes, Customs Duties, Excise Duties, any mandatory levies etc. Terms such as "Local Taxes extra" should not be mentioned.

The rate quoted should include Entry tax, if any. There will be no liability on the part of TAMIL NADU TOURISM DEVELOPMENT CORPORATION in any event of demand for Entry tax after supply of machine. It is the complete responsibility of the tenderer to ensure that Entry tax, if needed shall be paid by them.

Tenderer's Signature & Stamp / Seal