SHORT TENDER NOTICE

Sr. No.	Particulars	Requirements		
1	Name of Work	Providing "Automatic Organic Waste Converter" (AOWC) Machine at MCA.		
2	Title Specification	3 TPD Single unit		
3	Qualification Criteria	"AOWC" shall be as per MPCB / CPCB guideline, shall full fill the MCA's Requirements and should have past success record. Machine shall meet industrial norms. Bidder to be Supplier / Contractor / Manufacturer		
4	Scope of work	Supply, Installation, commission and AMC for 5 years and 12 month defect liability period after commissioning. 1 month free training to do operation smoothly.		
5	Submission of tender	On or before 18 th September 2018 at MCA Office by 05.00 pm		
6	Contact person for queries.	Mr. Jaikrishna Patle (PMC) - 8655533557 / 9702150739		

Jt. Hon. Secretary

Mumbai Cricket Association Cricket Centre, 3rd Floor, Wankhede Stadium, D, Road, Churchgate Mumbai-400020

DETAILED TENDER NOTICE

Mumbai Cricket Association invites Sealed Tender from reputed firms having experience of Supply and Installation of Organic Waste Converter (Supply, installation, testing, commissioning, AMC of the same based on Relevant technology) with 3 TPD capacity, at MCA, D-Road, Churchgate, Mumbai-400020.

1. Earnest Money Deposit : 5 % of approved tender values after finalisation

of Bidder in the form of DD or Pay order.

2. Completion Period : 45 days after issue Work Order.

3. Date of issue of Tender Forms : Attached with Notice. (Downloadable)

4. Place of Submission of Tender : Office of Mumbai Cricket Association.

5. Tender queries. : Contact <u>mcacrik@mumbaicricket.com</u>

Mr. Jaikrishna Patle (PMC)

-8655533557 / 9702150739.

6. Date & Time for receipt of Tender : On or before 18th September 2018 by 05.00 pm.

7. Date of opening of tender : Will be intimated.

8. The Bidder should fill the Rates both in figures and in words in ink in English.

9. Tender documents are required to be signed and seal on all pages.

10. Right to reject any or all other tender is reserved with MCA, without assigning any reason thereof.

TENDER FORM

From	:
To:	

Dear Sirs,

This has reference to the Notice Inviting bids, advertised on website of Mumbai Cricket Association for "Supply and Installation of Automatic Organic waste Converter (Supply, installation, testing, commissioning, AMC of the same based on Relevant technology) 3 TPD Single unit at MCA, D-Road, Churchgate, Mumbai-400020.

I / We hereby offer 3 TPD Single unit based on our specialised technology as per approved norm by MPCB and CPCB and to execute the work under contract at the respective rates mentioned in the BOQ herein attached.

I / we am / are submitting the details of technology with merits and demerits.

PAST AND PRESENT PERFORMANCE REPORT FILLED BY THE BIDDER

Sr. No.	Name of Client & address	Date of commissioning	Capacity/ Status	Remark
1				
2				
3				
4				
5				

Pl enclosed separate copy.

Yours Faithfully

Name & Seal

TENDER DOCUMENT

Terms, Conditions and Procedure

MCA proposes to invite bids for the Supply and Installation of Proposed "AOWC" on overall basis. Please go through the Terms & Conditions and Procedure given below and submit your acceptance to the same by submitting this document along with priced bid.

Terms & Conditions

- 1. MCA reserves the right to carryout 'Tender Process'.
- 2. Tender opening shall be done in presence of MCA management.
- 3. The decision of MCA to go for tender extension shall be based on merit of the issues pointed out or detected by MCA post investigation of the matter and same shall be final and binding on the bidder.
- 4. Order may be placed to the lowest bidder, emerging out of the tender process and MCA's decision on award of contract shall be final and binding on all the bidders.
- 5. MCA reserves the right to further rationalize the prices with lowest bidder or any bidder for reducing the price and specification & quality wise at any time before placing the Purchase Order on the successful bidder.
- 6. MCA reserves the right to cancel the tender after date is scheduled.
- 7. In cases where tender is required to be cancelled after opening of price bid and identification of L1 vendor, shall be conveyed to the bidder without assign the reason.
- 8. At the end of the tender process, MCA will decide the successful bidder, on the basis of evaluation criteria specified in the tender. MCA's decision on award of Contract shall be final and binding on all the Bidders.
- 9. MCA reserves its right to extend, reschedule or cancel entire tender

WORK DESCRIPTION

1.1 LOCATION OF JOB:

MUMBAI CRICKET ASSOCIATION, Near Cricket Centre Building, D-Road, MUMBAI-400020

1.2 SCOPE OF JOB:

Supply, installation, testing, commissioning, comprehensive maintenance (five year after one year DLP) of "AOWC" of approved capacity. Also manage end product on day to day basis. Training to worker for daily operation & routine maintenance.

1.2.1 KEY FEATURES OF THE MACHINE

- a. Fully Automatic. (Loading to be manual)
- b. Low power consumption
- c. Compost all types of food wastes.
- d. Low Noise, Volume Reduction system applicable
- e. Very Low OPEX.
- f. Compact Unit/Low Floor Space
- g. Continuous Composting
- h. Contact Parts with Waste are SS-304
- i. Complete Machine is Skid Mounted
- j. Plug & Play Type Machine.
- k. Odour removal system.
- 1. With Screw pressure & crusher.

1.2.2. Job PROCESS DESCRIPTION

Wet waste processing and accelerated composting is mechanically done with an "AEROBIC PROCESS" with the aid of "THERMOPHILIC BACTERIAL CULTURE"

Maintaining the optimum process parameters of Temperature, Humidity and Oxygen in the reactor, the wet waste is composted in 20 to 24 hours resulting in a more matured and stable organic product which can be used for soil conditioning

The process helps in reducing the volume of waste and also producing a end product which is eco-friendly and fit for recycling.

Required heating is done with Oil bath heaters using Master & Slave system.

The main gear motor is provided with a planetary gear unit to run the shaft with blades that use hammer, shred and mix function.

Necessary process controls are achieved with in-built humidity sensors, temperature sensors for ensuring optimum conditions as well as safety interlocks are provided with the limit switches for safe operation of the machine.

Odour Control System to be provided with the composting machine.

The automatic waste composting machine should have a clutch system to protect the gearbox, shaft and geared motor.

In-built Power & Control Panel is provided in the machine

The machine should be a heavy duty Industrial type machine.

1.2.3. The Technical specifications should be mentioned as follows by bidder

Sr. No.	Details of 3.0 TPD AOWC	Technical Specification mention by bidder which is to be provided	
1	Machine capacity Dimensions	3.0 TPD	
2	Overall Dimension & Weight		
3	Inner Tank capacity		
4	Circular Inner Tank Material & Thickness		
5	Centre shaft - Seamless heavy duty - dimension		
6	Mixing, hammering and shredding blades - Material		
7	Circular Outer Shell (Canopy) - Material		
8	Main Motor - HP & make		
9	Planetary Gear Box - type & make		
10	Fluid Coupling - Clutch		
11	Bath heaters type, capacity & Nos. (Main).		
12	Spare bath heaters type, capacity & Nos (Slave).		
13	Exhaust Blower - Hp & Make		
14	Odour removal with make		
15	Heat Transfer media. (Oil Or?) -Quantity		
16	Contactors - Schneider / L&T		
17	External Finish: Powder Coating / Marine Epoxy Paint		
18	Any additional, Pl mention.		

1.3. Delivery Period:

Within 45 days of issue of LOI or firm Purchase Order whichever is earlier.

- **1.6. Payment Terms:** Payment shall be made within 7 to 15 days after certification by PMC by e-payment / Cheque only as followed: _
- i. 50% of approved value but excluding Maintenance part against PROFORMA INVOICE.
- ii. 30% of approved value (Excluding Maintenance part) after installation of "AOWC" at place.
- iii. 20% of approved value (Excluding Maintenance part) after "AOWC" in operation successfully.
- iv. Maintenance value after completion of consequent period.
- v. Deduct 10% from of Billed value as performance Guaranty for contract period, it may release after Bank Guaranty of equal amount.

DECLARATION (To be submitted along with bid)

M/s.	
	e have visited your office premises located at Cricket Centre Building, D-Road umbai -400020.
	e also visited the site located on the Ground floor of your above mentioned office emise.
	ll our doubts and queries with respect to Terms and Conditions of the tender ocument were replied / clarified satisfactory.
• W	e have fully understood the scope / nature of the job and the work conditions.
Stam	p and Signature of the bidder
NOT	E:
If this	declaration is not given along with priced bid, the tender will be rejected as non- nsive.

BILL OF QUANTITY 3 TPD

SUPPLY INSTALLATION AND COMISSIONING OF "AOWC" AT MCA AT D-ROAD MUMBAI

Sr. No	Description	Unit	Qty.	Rate	Amount
A	Design, Supply, Installation,				
	Testing, Commissioning,				
	Maintenance Of Automatic				
A	Organic Waste Converter On				
	Ground Level, As Per Approved				
	Norms.				
	3 TPD CAPACITY (TON PER DAY				
	CAPACITY) Including		1		
A-1	Comprehensive Guarantee For	No			
A-1	Daily Maintenace For 12 Month	140			
	Guaranttee, As Specified By Bidder				
	As Per Approved Norms.				
	Comprehensive Maintenance				
	Along with Operation (O&M)				
A-2	Daily Basic After 12 Month Dlp For				
	5-Year Including All Consumables				
	And T&P				
	1st YEAR	JOB	1		
	2 nd YEAR	JOB	1		
	3 rd YEAR	JOB	1		
	4 th YEAR	JOB	1		
	5 th YEAR	JOB	1		
	Total				
	Gst				
	Total Amount Including Gst				
	Rebate For Composed / Manure				
A-3	(Need To Moved Daily Basic.	kg	Actual		
	Packing Material Provide By Bidder)	**5			

Bidder / Supplier

SEAL & SIGNATURE