

RAJKOT MUNICIPAL CORPORATION
Central Workshop, Opp. Sitaram Weigh Bridge,
Bhavnagar Road, Rajkot-360003



E-TENDER No. RMC/Central Workshop/04/2019-20

**TECHNICAL BID
FOR**

Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) - 1 No. for Weed Removal from various Water ways of Lakes/River in Rajkot for Period of Five (05) Years

MILESTONE DATES

Tender available on web site	12/03/2020 upto 18.00 Hours
Last Date & Time for a Query (submitted by E- mail)	21/03/2020 upto 18.00 Hours Send Query on Mail id:- pmkasundra@rmc.gov.in
Pre Bid Meeting	24/03/2020 11.30 Hours IST (At East zone Office – RMC, Zaverchand meghani bhavan, Bhavnagar Road, Opp. Rajmoti oil mill)
Last Date & Time for downloading the Tender Document	03/04/2020 Upto 18.00 Hours IST
Last date & Time for Online submission of tender	03/04/2020 Upto 18.00 Hours IST
Physical submission of Qualification documents, EMD, Tender Fee etc.	On or Before 08/04/2020 during office hours. (Through Reg. AD or Speed Post only)
Online Opening of Technical Bid	08/04/2020 at 12.00 Hours IST onwards (If Possible)
Online Opening of Price Bid of the Evaluated Tender	09/04/2020 at 12.00 Hours IST onwards (If Possible)

2019-20
Deputy Commissioner (East Zone)
RAJKOT MUNICIPAL CORPORATION
RAJKOT - (Gujarat)

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RAJKOT MUNICIPAL CORPORATION

CHAPTER – 1

Tender Notice

Online e-tenders with two bid system are invited for “**Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) - 1 No. for Weed Removal from various Water ways of Lakes/River in Rajkot for Period of Five (05) Years** who have Following qualifications –

Eligibility criteria:

(Certified Xerox copy of certificates/Documents as followed must be physically submit with authorized sign & stamp on each page of tech bid document.)

Financial Criteria for Manufacturer/Supplier of Machine and Service Provider (O&M)

1. Bidder must have valid GST registration.
2. Bidder must have valid Provident Fund registration certificate.
3. Bidder must have valid Employee State Insurance (ESI) registration.
4. Bidder must have valid Professional tax registration certificate.
5. The Chartered Accountant’s audited financial reports supporting financial strength of the bidder.
6. Experience certificates regarding this work issued by competent authority
7. In case of Company/Partnership firm Power of Attorney authorizing the person for signing the Tender and Responsible give any clarification asked by department.
8. The Bidder must have to submit affidavit & Notarized over Non judicial stamp paper of Rs.300 for
 - A) He should not be black listed anywhere in India.
 - B) Document submitted by him are correct and genuine in every manner.
9. Minimum solvency required Rs.75.00 lacs of any Scheduled or Nationalized Bank of Not Older than 12 month From date of tender published Tender
10. Working Capital must not be less than Rs.115.00 Lacs.
11. The Average Annual Turnover of the Manufacturer / OEM should be at least Rs 231.0 Lakh in last 7 financial years. Separate Chartered Accountant’s certificate shall be attached along with the Bid.

Qualification Criteria

- Only duly registered Firm/Company can submit Bids. Provide Certificate of Registration. (I.e. GST / IT etc.) The tendered should be the Manufacturer/supplier of the Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) or should be the Authorized dealer/Distributor of the same kind of machine
- Copy of agency agreement in favour of authorized dealer / distributor and under taking from the manufacturer/ supplier that they will support dealer for spares and service for a period of 15 Years must be Submitted. OR shall be O & M work contractor of such (Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) type (of at least 1 machine in India for minimum period of 24 months or providing such type of machine on rental basis / O&M contract basis / integrated project basis work for water body maintenance (minimum for 24 months in India in Last Ten (10) Year) to any Govt / Semi.Govt / Muni. Corporation/ Govt Authority for common water body related work in last Ten (10) Year.
- Copies of Such All work orders and customer testimonials issued by concern officer/authority (at least class-1 and above rank) only shall be qualified / however in any case machine manufacturer/supplier must possess requisite quantity and other criteria for machine supply and performance as mentioned in the experience clause. Necessary documentary proof shall be attached with the tender.

- The tenderer shall furnish the list of State/Municipal corporations /ULBs /Institutions / Authority with Address & Tel. no. to whom equipment/s have been supplied during the preceding Ten (10) Years and the numbers of equipments such supplied.
- The tenderer shall furnish certificates of satisfactory performance from machine manufacturer/supplier for at least 2 nos. of such machines(Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) supplied out of which 1 must be working in collection of floating waste / weeds from the city / district / state or higher level common/general purpose public administered water body, together with self-attested copies of purchase orders and testimonials received from those clients. Certificate from Chartered Accountant about financial turn over must be submitted.
- All necessary documentary evidence shall be submitted along with the hard Copy Submitted to RMC . All necessary documents, purchase order etc shall be submitted with tender.

Experience Criteria:

- Manufacturer / principal supplier of such type of machine whose system are proposed in the tender shall have supplied at least minimum 05(Five) Machine ,Floating Trash skimmer and waste removal machine with weed cutting arrangement (10 M3 to 30 M3 Capacity - Aquatic Weed Removal Machine) during the last Ten (10) Years in India.
- All necessary documentary evidence in support of the Bidder meeting the qualification requirement shall be submitted along with the bid submissions. Minimum Experience is As Below
- Three similar works of Manufacturing, Supply of Similar Equipments (with or without O&M) should not be less than 30% (each) of the quantum (Work order amount is 140 Lakh Rs.) of this tender (with minimum 01 Floating Trash skimmer of and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)unit/ equipment).
OR
Two similar works of Manufacturing, Supply of Similar Equipments (with or without O&M) should not be less than 40% (each) of the quantum (Work order amount is 185 Lakh Rs.) of this tender (with minimum 01 Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)unit/ equipment).
OR
- One similar work of Manufacturing, Supply of Similar Equipments (with or without O&M) should not be less than 60% (each) of the quantum(Work order amount is 280 Lakh Rs.) of this tender (with minimum 01 Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)units/ equipments).
- Similar work means work related to Manufacturing / Supply of (Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) with O & M) as per Tender Specifications supplied to Municipal Corporation/ ULBs/ Specialized Govt. Agency in India.
- The Bidder shall furnish a satisfactory performance certificate from Government or semi-government or Municipal Corporation or ULB or PSU in India with self-attested copies of purchase orders received from those clients and acceptance certificate in support of experience shown for meeting the above criteria. The certificate shall be issued by the authority not below the rank of Executive Engineer or General Manager.
- The OEM/ Bidder's Principal Manufacturer should have directly manufactured & supplied. of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) in last Ten (10) Year. in Government or semi-government or Municipal Corporation or ULB or Specialized Govt. Agency in India. The Manufacturer shall furnish the list of Municipal Corporations/ ULBs/ PSU/ other Government Institutions with address & telephone number to whom equipments have been supplied during the preceding Ten (10) Years and the numbers of equipments/vehicle such supplied vehicles.

- Give Following Details Must With Bidding Documents in Separate Sheets.

Description/Model	Name of Client	Numbers supplied	Year of supply	Proof of Experience
				<ul style="list-style-type: none"> - Copy of Purchase Order From the Client. - Satisfactory work execution certificates of the client

An Earnest Money Deposit of Rs. **13,83,000/-** and Tender fee of Rs.7,500/- (Non-refundable) in form of Demand Draft in favour of Commissioner, RAJKOT MUNICIPAL CORPORATION, Rajkot, of any Nationalized or Schedule Bank located at Rajkot shall accompany along with the qualification's documents on **XX-XX-XXXX to XX-XX-XXXX** during office hours at Central Workshop, Rajkot Municipal Corporation, Bhavnagar Road, Rajkot-360003.

Tender shall be submitted online through e-tendering up to 18.00 hours IST on or before date **XX-XX-XXXX** and e-tendered Technical Bid will be opened on Date **XX-XX-XXXX** (if possible) at 12.00 Hours IST onwards on web site <http://www.nprocure.com>

Municipal Commissioner, Rajkot Municipal Corporation, Rajkot, reserves the right to accept or reject any or all tender(s) without assigning any reason thereof. Jurisdiction area for any court matter for this work is Rajkot city.

**Commissioner
RAJKOT MUNICIPAL CORPORATION**

CHAPTER - 2
EMD SCHEDULE

Earnest Money Deposit :- Rs. 13,83,000/-

An Earnest Money Deposit of Rs. 13,83,000/- and Tender fee of Rs. 7,500/- (Non-refundable) in form of Demand Draft in favour of "**Rajkot municipal Corporation**", Rajkot, of any Nationalized or Schedule Bank located at RAJKOT shall accompany along with the qualification's documents on XX-XX-XXXX to XX-XX-XXXX during office hours.

Tender Fee :- Rs. 7,500/- (Non-refundable)

:: DETAILS TO BE FILLED BY TENDERER ::

Name of e-Tenderer : _____

Address of e-Tenderer: _____

Nature of Business : _____

:: DETAILS OF E.M.D. ::

Name of Bank & Branch : _____

D.D. No. & Date : _____

Amount in Rupees : _____

Sign of e-Tenderer.

CHAPTER - 3
TENDER SCHEDULE

Tender No	Name of work	Estimated Cost of Machine Rs.	O&M Cost of Five year 05 (01 Machine)	O & M Estimated cost in Rs. (8hr Shift/day)	Tender Fee in Rs.	EMD in Rs.
RMC/Central Workshop/04/2019-20	Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) - 1 No. for Weed Removal from various Water ways of Lakes/River in Rajkot for Period of Five (05) Years	1,68,00,000/-	1st Year	52,98,464.00	7,500/-	13,83,000/-
			2nd Year	55,63,387.20		
			3rd year	58,41,556.56		
			4th Year	61,33,634.39		
			5th Year	64,40,316.11		
		(A)=1,68,00,000/-		B = 2,92,77,358/-		
	Total cost of Supply of Machine & O& M for 05 year with Diesel	4,60,77,358/- (A+B)				

Deputy Commissioner
RAJKOT MUNICIPAL CORPORATION

CHAPTER - 4
:: General Terms And Conditions For Contract ::

1. 1. **Definitions**

Unless repugnant to the subject or context thereof, the following expressions herein used shall carry the meaning hereunder respectively assigned to each, namely:

- a. **Approved / Approval** means approved in writing.
- b. **Contract** means the contract entered between RMC and Supplier and as derived from tender documents, agreed variations to the tender documents, suppliers Price Bid and the Purchase Order.
- c. **Contract Document(s)** means individually and collectively the documents constituting the contract.
- d. **Contract Price** means the price payable to the Supplier as specified in the Contract, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract
- e. **Day** means calendar day
- f. **Indenter / Employer / Owner / Purchaser** means Rajkot Municipal Corporation / RMC and includes its legal successor.
- g. **Inspectors** means Inspectors nominated, appointed, approved or deputed by RMC for inspection of the goods / stores / material(s)
- h. **IS** means Indian Standards, prescribed by the Bureau of Indian Standards(BIS)
- i. **UL** means Underwriter Laboratories, UL provides safety-related certification, validation, testing, inspection, auditing, advising and training services to a wide range of clients, including manufacturers, retailers, policymakers, regulators, service companies, and consumers.
- j. **CE** means European Conformity, The CE marking is the manufacturer's declaration that the product meets the requirements of the applicable EC Directives.
- k. **Goods / Stores / Material(s)** means any and all raw materials, manufactured articles, equipment, spares and other goods and supplies whatsoever and includes wherever applicable drawings, data, specifications and intellectual property rights and all services (including but not limited to design, fabrication, inspection, delivery and testing) required to be supplied, done, performed, prepared or undertaken to meet the requirements of the Contract.
- l. **Project Management Consultants** means the representative or agency appointed by RMC for managing, coordinating the supply of goods / stores / expediting and / or material(s).
- k. **Purchase Order** means RMC's acceptance of the Supplier's offer / bid and includes any formal or detailed Purchase Order issued by RMC pursuant to the acceptance of the tender.
- l. **Delivery Period** means the date(s) for delivery of the goods / stores / material(s) as stipulated in the Contract and failing such stipulation, shall mean the date(s) for such delivery(ies) as agreed between the Supplier and RMC
- m. **Tender Documents** with reference to the Purchase Order means the instruction & information, general rules and direction for bidders, general terms and conditions of purchase, specification, drawings , the schedules of quantities and tender prices, the formal agreement, special conditions of purchase and all addenda (including corrigendum if any) and attachments related to the above
- n. **Services** means services ancillary to the supply of the material(s), such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision

of technical assistance, training and other obligations of the Supplier covered under the Contract

- o. **Supplier** means the particular person, firm or Company or Group of firms or Companies or his designated representative to whom the Purchase Order is placed for supplying the goods / stores / material(s) and services under this Contract and includes his legal successors.
 - p. **Contract Value** means total value of the goods / stores / material(s) & services to be supplied as specified in the Purchase Order.
2. Prices should be written clearly in Figure and in Words proper space in "Price Schedule" of e-tender Price Bid of the e-Tender.
 3. Quoted price should be inclusive of all taxes and duties like GST, royalties, octroi, costs, fees, To & Fro, Transportation charges, full comprehensive insurance of Vehicle ,Operation & Maintenance, Diesel Cost ,Manpower Cost, GPS System Cost, **&, other applicable levies,**
 4. An Earnest Money Deposit of `XXXX/- and Tender fee of `XXXX/- (Non-refundable) in form of Demand Draft in favour of "RAJKOT MUNICIPAL CORPORATION", RAJKOT, of any Nationalized or Schedule Bank located at RAJKOT shall accompany along with the qualification's documents on **XX-XX-XXXX** to **XX-XX-XXXX** during office hours. Without E.M.D. and tender fee in form of Demand Draft, e-tender will be rejected.
 5. The award of contract will normally be made within 180 days after the date of opening e-Tender Price Bid.
 6. e-Tender will be submitted online through e-tendering up to 18.00 hours IST on date **XX-XX-XXXX** and e-tendered Technical Bid will be opened on Date:**XX-XX-XXXX** at 12.00 Hours IST on web site <http://www.rmc.nprocure.com>
 7. e-Tenderer should have to offer the firm prices in e-tender Price Bid for the prescribed item as per given in Technical Specification. Offer for the other item will not be considered and tender will be rejected.
 8. e-Tenderer shall have to submit the hard copy or Xerox copy with Sign & Stamp –
 1. Bidder must have valid GST registration.
 2. Bidder must have valid Provident Fund registration certificate.
 3. Bidder must have valid Employee State Insurance (ESI) registration.
 4. Bidder must have valid Professional tax registration certificate.
 5. The Chartered Accountant's audited financial reports supporting financial strength of the bidder.
 6. Experience certificates regarding this work issued by competent authority
 7. In case of Company/Partnership firm Power of Attorney authorizing the person for signing the Tender and Responsible give any clarification asked by department.
 8. The Bidder must have to submit affidavit & Notarized over Non judicial stamp paper of Rs.300 for
 - A) He should not be black listed anywhere in India.
 - B) Document submitted by him are correct and genuine in every manner.
 9. Minimum solvency required Rs.75.00 lacs of any Scheduled or Nationalized Bank of Not Older than 12 month From date of tender published Tender
 10. Working Capital must not be less than Rs.115.00 Lacs.
 11. The Average Annual Turnover of the Manufacturer / OEM should be at least Rs 231.0 Lakh in last 7 financial years. Separate Chartered Accountant's certificate shall be attached along with the Bid.

Qualification Criteria

- Only duly registered Firm/Company can submit Bids. Provide Certificate of Registration. (I.e. GST / IT etc.)The tendered should be the Manufacturer/supplier of the Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed

Removal Machine) or should be the Authorized dealer/Distributor of the same kind of machine

- Copy of agency agreement in favour of authorized dealer / distributor and under taking from the manufacturer/ supplier that they will support dealer for spares and service for a period of 15 Years must be Submitted. OR shall be O & M work contractor of such(Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) type (of at least 1 machine in India for minimum period of 24 months or providing such type of machine on rental basis / O&M contract basis / integrated project basis work for water body maintenance (minimum for 24 months in India in Last Ten (10) Year. to any Govt / Semi.Govt / Muni. Corporation/ Govt Authority for common water body related work in last Ten (10) Year..
- Copies of Such All work orders and customer testimonials issued by concern officer/authority (at least class-1 and above rank) only shall be qualified / however in any case machine manufacturer/supplier must possess requisite quantity and other criteria for machine supply and performance as mentioned in the experience clause. Necessary documentary proof shall be attached with the tender.
- The tenderer shall furnish the list of State/Municipal corporations /ULBs /Institutions / Authority with Address & Tel. no. to whom equipment/s have been supplied during the preceding Ten (10) Year. and the numbers of equipments such supplied.
- The tenderer shall furnish certificates of satisfactory performance from machine manufacturer/supplier for at least 2 nos. of such machines(Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) supplied out of which 1 must be working in collection of floating waste / weeds from the city / district / state or higher level common/general purpose public administered water body, together with self-attested copies of purchase orders and testimonials received from those clients. Certificate from Chartered Accountant about financial turn over must be submitted.
- All necessary documentary evidence shall be submitted along with the hard Copy Submitted to RMC . All necessary documents, purchase order etc shall be submitted with tender.

Experience Criteria:

- Manufacturer / principal supplier of such type of machine whose system are proposed in the tender shall have supplied at least minimum 05(Five) Machine ,Floating Trash skimmer and waste removal machine with weed cutting arrangement (10 M3 to 30 M3 Capacity - Aquatic Weed Removal Machine) during the last Ten (10) Year. in India.
- All necessary documentary evidence in support of the Bidder meeting the qualification requirement shall be submitted along with the bid submissions. Minimum Experience is As Below
- Three similar works of Manufacturing, Supply of Similar Equipments (with or without O&M) should not be less than 30% (each) of the quantum (Work order amount is 140 Lakh Rs.) of this tender (with minimum 01 Floating Trash skimmer of and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)unit/ equipment).
OR
Two similar works of Manufacturing, Supply of Similar Equipments (with or without O&M) should not be less than 40% (each) of the quantum (Work order amount is 185 Lakh Rs.) of this tender (with minimum 01 Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)unit/ equipment).
OR
- One similar work of Manufacturing, Supply of Similar Equipments (with or without O&M) should not be less than 60% (each) of the quantum(Work order amount is 280 Lakh Rs.) of this tender (with minimum 01 Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)units/ equipments).

- Similar work means work related to Manufacturing / Supply of (Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) with O & M) as per Tender Specifications supplied to Municipal Corporation/ ULBs/ Specialized Govt. Agency in India.
- The Bidder shall furnish a satisfactory performance certificate from Government or semi-government or Municipal Corporation or ULB or PSU in India with self-attested copies of purchase orders received from those clients and acceptance certificate in support of experience shown for meeting the above criteria. The certificate shall be issued by the authority not below the rank of Executive Engineer or General Manager.
- The OEM/ Bidder's Principal Manufacturer should have directly manufactured & supplied. of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) in last Ten (10) Year. in Government or semi-government or Municipal Corporation or ULB or Specialized Govt. Agency in India. The Manufacturer shall furnish the list of Municipal Corporations/ ULBs/ PSU/ other Government Institutions with address & telephone number to whom equipments have been supplied during the preceding Ten (10) Year. and the numbers of equipments/vehicle such supplied vehicles.
- Give Following Details Must With Bidding Documents in Separate Sheets.

Description/Model	Name of Client	Numbers supplied	Year of supply	Proof of Experience
				<ul style="list-style-type: none"> - Copy of Purchase Order From the Client. - Satisfactory work execution certificates of the client

Special Notes

(A) Disqualification

Even though the Bidders meet the above criteria, they are subject to be disqualified and forfeiture of EMD (with approval of competent authority) and agency will be debarred from RMC, if Bidder has:

- Made misleading or false representation in the forms, statements, and attachments submitted; or
- Been debarred by Central govt. organization/ State govt. organization/RMC or any other Agency of Government of India or any of the State Governments /ULBs

In case of a proprietary firm, partnership firm the following are the disqualification criteria in case of failure to disclose information by partners or the proprietor:

- (i) If, any of the partner or the proprietor is debarred by Central govt. organization/ State govt. organization/ RMC or any other Agency of Government of India or any of the State Governments/ Municipal corporation/ ULBs.
- (ii) If, any of the partners or the proprietor has a criminal history or has been convicted by any court of law for any of the offenses under any Indian laws.

- iii) If, any criminal proceeding is pending in any court of law in India against any of the partner or a proprietor and if any such proceeding culminates into conviction in last seven years.

Note: The experience as sub-contractor shall not be considered.

9. Successful e-tenderer shall have to pay the Security Deposit @ 5% of Contract Value in form of Fixed Deposit Receipt or Bank Guarantee of any **Scheduled Bank or Nationalized Bank located in Rajkot**, for a period of 66 (Sixty Six) months in the name of “**Municipal Commissioner, Rajkot Municipal Corporation,**” Rajkot, and shall have to enter into an agreement on a stamp paper of 4.90 % of security deposit amount must be submitted, and if the contractor fails to submit the agreement deed in the stipulated time limit, the E.M.D. for this contract will be forfeited and the contractor will be black listed for this work of RMC. This will be returned only after successful completion of warranty period.
10. e-Tenderer shall have to Start The Work within 180 working days after getting Work Order otherwise penalty will be charged as per norms of Rajkot Municipal Corporation.

11. Terms of Payment

The payment shall be made to the Contractor as under:

For Supply part:

- (1) For Supply of machine : 100% of the machine Cost payment as per the invoice of Supplier/ manufacturer will be issued on receipt of Manufacture /supplier's Factory premise.
- (2) For supply of equipments preferable after satisfactory Delivery and commissioning of machine at Premises of RMC within 30 days.

For Operation and Maintenance contract :

Every monthly against satisfactory work, as per certificates of various authorities as mentioned in the tender.

The Security Deposit will be paid back only after the completion of warranty (12 Month) **period without any interest.**

- (i) Invoice amount (After Deduction of All Taxes) will be paid within 45 days of the completion of previous month work.
- (ii) The payment of the bill shall be made after deducting RMC/Government dues, if any
Payment shall be made in Indian Rupees
The payment of the bills shall be withheld in the following circumstances:
 - (a) The goods / stores / material(s)/O&M Work/machinery are found sub-standard or in non-acceptable condition
 - (b) Breach of condition of any contract by the contractor
 - (c) Previous RMC/Government dues of contractor

12. **Vehicle Full Insurance** shall be the responsibility of Tenderer. Also Insurance as Per Govt. Norms of Man/Worker who Operating Skimmer Machine shall be the responsibility of e-Tenderer
13. Any modification or any changes in work or technical specifications done by RMC's Engineer-In-Charge and e-tenderer have to follow these changes without any dispute and argument. (No extra cost will be given for the changes).

13. e-Tenderer should have to fill up **price in percentage basis** for Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) of whole equipment with clearly in e-Price Bid of e-tender.

14. Taxes:

Applicable Rate of GST should be mentioned. Successful bidder has to submit Invoice for payment and The Invoice should compliance with GST ACT -2017. If the firm is exempted from the payment of GST the certificate for the same should be attached. All the transit losses and breakage shall be suppliers risk and cost. Rajkot Municipal Corporations GST No. is 24AAALR0138G1ZD.

15 Unit of rate:

The unit of rate shall be on number basis per month per day one shift (8 hours) comprehensive operation and maintenance

16. Tender offer validity period

The Tender offer for the work shall be valid for a period not less than One Hundred and Fifty (180) days from the date of opening of the Price Bid. The same may be extended by the Bidder for a further period of One Hundred and Fifty (180) days, if required by RMC. The bidder shall not be allowed to withdraw or modify the offer on his own during this period. If any bidder withdraws or make any modification or additions in the terms and conditions and tender validity period of his tender offer is not acceptable to the RMC, then the RMC shall without prejudice to any right or remedy, be at liberty to forfeit in full, the said EMD absolutely.

In exceptional circumstances, RMC may solicit the Bidder's consent for an extension of the period of validity of the Tender offer by a period not exceeding another One Hundred Twenty (180) days.

The request and response shall be made in writing or by tele-fax and email. If a Bidder accepts to extend the period of validity, the validity of EMD shall also be extended accordingly. In case of refusal by Bidder for extension of validity period his EMD shall be returned. Any Bidder granting the request of extension of offer validity period will not be permitted to modify his / their Bid.

17. Price Prefence:

No price preference will be given to SSI units or Khadi Gramudhyog Units.

18. Jurisdiction:

In the event of any dispute or difference arising out of this e-tender / contract, the jurisdiction of the Court shall be RAJKOT (Gujarat) only. While executing the agreement, the supplier shall be governed at all times by all laws, regulations etc., in force in Gujarat State.

19. Dispute:

- In the event of any problem, dispute or difference arising out of or under this contract, the decision of the Municipal Commissioner, RAJKOT MUNICIPAL CORPORATION, RAJKOT, will be final and binding to the parties to this contract.
- Rajkot Municipal Corporation reserves its right to reject all or any of the tender without assigning any reason thereof.
- In the event of dispute Municipal Commissioner's decision shall be final bound to bidder or contractor.
- Legal litigation shall be done only at the Rajkot Jurisdiction only.

- This work contract is for the most essential service of Rajkot Municipal Corporation for Water body cleaning work of Rajkot city, so contractor should very clearly understand that no man made mistakes or negligence in O&M shall be tolerated, in such condition decision of the Municipal Commissioner shall be final & bound to the concern contractor

20. Statutory Variations:

The price of the Supply & O&M Cost of **Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) - 1 No.** quoted by the e-tendered will be on the basis of current taxes (GST & Import duty if any) and levies. If there will be any increase / decrease in the statutory tax / levies Govt. on the finished products that will be to the account of consignee i.e. **RAJKOT MUNICIPAL CORPORATION**, and same will be Adjusted by **RAJKOT MUNICIPAL CORPORATION** on receipt of necessary documentary evidence from the supplier.

21. Non-Blacklisting Bond:

The manufacturer has to furnish the undertaking on the non-judicial stamp paper of Rs.300/- duly Notarized regarding his firm is not black listed in anywhere in India at the time of e-tendering. This undertaking should be submitted during the physical submission of Qualification documents.

22. Conditional offer will not be accepted and same will be treated as non-responsive.

23. Liquidated Damages:

In the event of the failure of the supplier to Supply Man Power & Successful (Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)) in case of the not fulfilling said record and procedure for resolving complaints in the time limit as stipulated in clauses. **RAJKOT MUNICIPAL CORPORATION** will charge liquidated damages at the rate not exceeding 1% of the cost of Work Contract per week for the period of the delay The maximum amount of liquidated damages so recoverable shall not exceed 10% of the cost of Work order.

24. e-TENDER AGREEMENT:

The e-tenderer shall be required to enter into an agreement for due performance of the contract. The stamp duty on all documents to be executed in connection with this contract to be entered into shall be borne by supplier. The security deposit (SD) in form of FDR / Bank Guarantee shall be deposited for required value. The contract agreement will have to be executed on a stamp paper of appropriate value as per value orders in force for the time being.

- (i) EMD of the first lowest firm/company will be forfeited if they fail to enter into agreement within prescribed time limit for entering into agreement.

25. Extension for delay:-

If the supply is delayed by (1) Force Majeure, (2) Serious loss or damage by fire, (3) Strike, Bandh, Curfew, Rally, Heavy rains, Flood, Cyclone, Earthquake or Natural Calamities occurs, (4) Electricity staggering, (5) Any other case, which is beyond the control of contractor. Municipal Commissioner will decide period of delay extension.

25. Acceptance of Tender

The tender is liable for rejection due to any of the reasons mentioned below:

- a. Non-Submission of tender within stipulated time.
- b. Tender is unsigned OR not initialed on each page or with unauthenticated corrections.
- c. Submissions of tender documents in unsealed envelop.

- d. Tender not submitted in separate envelopes as per conditions and the envelopes are not superscripted with details of the tender enquiry and part enclosed.
- e. Non-payment of Earnest Money Deposit.
- f. Non-submission of required documents as shown in Tender Notice.
- g. Conditional and / or vague offers
- h. Unsatisfactory past performance of the bidder.
- i. Rates have been shown elsewhere than **ONLINE Price Bid**
- j. Items with major changes / deviations in the specifications / standard / grade / packing /quality are offered in **Technical Bid**.
- k. Offering a cheaper accessory not approved / recommended by the manufacturer.
- l. Offering an accessory as optional even though it is required to operate the instrument.
- m. Submission of misleading / contradictory / false statement or information and fabricated / invalid documents.
- n. Tenders not filled up properly
- o. Non-submission of Charter Accountant Certificates.

26. Future Requirement:-

As of now we have requirement of afore said quantity as per Chapter no. 3 , but if we have further requirement of this equipment/machine in next 05 year, agency has to supply the same at the approved rate at that time , if there are any changes in taxation same will be paid extra to agency, agency has to provide necessary supporting documents for the same.

- 27 Back up Guarantee certificate:-** Back-up Guarantee of Contractor to be furnished along with bid if bidder is not original manufacturer of the machine/equipments. For imported Parts/equipments bidder has to submit back-up Guarantee of Manufacturer for service and spare support at least for 06 years.

28 Clarification of bidding document:

A prospective bidder requiring any clarification of the bidding documents may notify the RMC in writing at pmkasundra@rmc.gov.in or in writing at RMC's address indicated in these bid documents at least before a day of Pre bid Meeting. Any Query or Demands after Pre bid meeting will not be considered.

Tender Evaluation for Lowest Bidder:

The decision of lowest rate will be on the basis of sum of rates quoted for Supply part A and O & M work Part B.

Total Cost A = Net cost of 01 Nos Supply of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) to Rajkot (RMC will Decide Place)

Note :- Supply Cost Include Cost of Transportation & Loading & Unloading of Machine And RTO passing and machine Full Insurance and Transient Insurance Cost and If any Import Duty & Taxes which is Applicable

- **Total Cost B Include Cost of O & M With Diesel** as per Daily Requirement & Man Power Supplt (ESIC& EPF is Applicable to man poer supply as per Norms of Gov. of India) and All Machinery Cost (Dumper/Tractor/Hitachi) Needed for Trash Removal & Shifting as per RMC Decide to Dumped in Anywhere in Rajkot ,Also Include Cost of Loading & Unloading of machine (Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)) When RMC wants to Shift Machine From One place to Another Place) O&M work will be calculated on the basis of total 313 days working for one (01) years contract period with following formula:

Per Shift (8 Hours Rate of tendered Extra Work Payment As Per Pro-Rata basis) Total Cost B = Per Shift Rate of tendered for First Year x 313 days

COMBINE COST OF A + B =.....

The tendered whose total cost/Combine cost (A+B) (based on above formula) will be lowest will be considered as first lowest tendered.

Any Extra Cost is not Granted Other then Above Calculation

Municipal Commissioner, RAJKOT MUNICIPAL CORPORATION, RAJKOT, reserves the right to accept or reject any or all the e-tender(s) without assigning any reasons thereof.

29. e-Technical Bid will be opened online on Date: XX-XX-XXXX at 12.00 Hours IST. And after evaluation of e-Technical Bid, e-Price Bid will be opened only of those e-tenderers who will be qualified in e-Technical Bid evaluation. Date of opening of e-Price bid will be XX-XX-XXXX at 12.00 Hours IST onwards, only of those e-tenderers who will be qualified in e-technical bid evaluation.

Deputy Commissioner
RAJKOT MUNICIPAL CORPORATION

Sign of e-Tenderer.

CHAPTER – 5

Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)

Scope of work

The scope of works includes two parts:-

- Supply of Commissioning of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) 01 No at Rajkot Municipal Corporation.
- Comprehensive operation and maintenance of machine for 5 years for Rajkot Municipal Corporation (with al needed Machinery & Equipments).

Successful bidder has to carry out the work as per the work orders & tenders.

Floating Trash Skimmer with Weed Cutting arrangement



Some of the available photographs are displayed here just for reference only. Intension is to have general idea of working requirements. Actual specifications etc shall be as per the details mentioned in the tender specification sheets only.

GENERAL

- Water is an important resource and waterways are increasingly clogged by aquatic plant growth. Weed cutting boats are envisaged to enable the maintenance of canals, lakes etc. and to remove excessive aquatic life such as algae and other plants that may negatively affect a waterway's ecology. Mechanical harvesters are large floating machines that have underwater cutting blades that sever the stems of underwater plants, gather the weeds and raise them on conveyor belts, storing the vegetation on board in a hold. This machine is planned to be inducted into working by the authority for the lakes, canals etc. at Rajkot, Gujarat.
- The type of equipment envisaged to be procured under this tender is “Aquatic Weed Harvester Machines”. Bidder has to design the machines and supply the fully built unit as per the requirements specified in this RFP; keeping in mind the RTO / other Govt. agencies applicable norms for such type of machine in Rajkot, Gujarat State.
- The trash skimmer/ hunter with weed cutting arrangement - machine shall be required to perform dual purpose surface water management. It shall be capable enough to remove floating waste &/or harvest the weeds from river, lakes, canals etc. It shall be fitted with vertical and horizontal cutters to cut and collect the aquatic vegetation. The equipment shall be matching the following technical specification as the minimum requirement.
- Functional Requirements: The Machine shall be rugged and shall incorporate latest technological features offered by the manufacturer. The machine shall be suitable to work in various water bodies for cutting and / or collection of floating litter and weeds along with their disposal on shoreline through conveyer system. If there is any deviation (minor) which has no much impact on the overall working and efficiency of the machine and suitable to present tender requirements, bidder can mention the same with details of such deviation along with technical bid of the tender and if RMC finds it technically suitable, same will also be consider. Bidder has to submit detailed technical specifications and drawing etc for the machine model quoted by them.
- Aquatic Plant Harvesters offer an environmentally sound method of controlling excessive aquatic plant growth and nuisance vegetation in waterways of all sizes. These heavy duty work boats are highly efficient in the management of submerged, emergent and free floating vegetation.
- Like an underwater lawn mower, an aquatic weed harvester cuts the vegetation, collecting and storing the weeds on board. Aquatic weed harvesters are fitted with a pick up conveyor at the forward end of the machine, which can be lowered under water to cut weeds. One horizontal and two vertical cutter bars sever the vegetation as the machine moves forward through the water and when the storage hold becomes full the weed harvester returns to shore to unload.

- Only those Models will be considered for evaluation, which are in accordance with Indian / International norms (as per prevailing norms in India for such machine). The necessary approval certificates should be attached with tender document.
- **Only those Bidders can participate that have been registered with Directorate of Industries in their State as Manufacturers of Heavy Machinery / Lake and River Cleaning Machines. Further they should have received ISO or equivalent quality certification for which proof will be submitted along with tender.**
- The Bidder shall supply the machine of reputed make & the model offered in the Bid should meet the technical specifications indicated in the RFP. The necessary technical details for the machine offered by the Bidder should be provided as per the formats provided in the RFP. The bidder should ensure that there is adequate availability of spares and local service facilities and that the Warranty conditions are offered by the Bidders for these machines.
- The weed harvester machine shall be rugged and shall incorporate latest technological features offered by the Manufacturer. If there is any deviation (minor) which does not have much impact on the overall working and efficiency of the machine and suitable to present tender requirements, Bidder shall mention the same with details of such deviation along with their offer. The Bidder has to submit detailed technical specifications and drawing etc. for the machine model quoted by them.
- It shall have mechanism to collect and store the weeds from the water body and later on transfer the disposal on shoreline through conveyer system through in built or separate mechanism. It shall have provision for cutting of the amassed floating trash. Conveyor mechanism shall be having proper angle and enough length. It shall be easy to transport machine from one water body to other without any damage to the any body parts/system of the machine. Proper mechanism/ supports shall be provided for such shifting.
- The general requirements for operation of the aquatic weed removal machines are:
- Machine shall have same head. In cutting mode it will have horizontal and vertical cutting knives while in skimming mode same head will have collection flares.
- For swing in and out function of each wing as a general rule minimum functions are preferred to reduce operator fatigue.
- All fasteners should be **stainless steel (SS 304) or higher grade/** quality/Corrosion Resistance as per minimum desired specification for better protection and long life.
- As the machine will be working in water the entire hydraulic system should be waterproof to prevent ingress of water and contamination of hydraulic oil.
- Warning Sensors to be provided in instrumentation panel for clogged filters.

- Instrumentation to be provided for engine speed, engine hours, fuel oil level, temperature indicator, charging current and essential warning for hydraulic fluids and other necessary working parameters as per manufacturer design.
- Extended vertical cutting knives to achieve greater cutting depth up 2 meter from surface water not to be used when in skimming mode.
- Pre compressed springs in harvesting head to absorb shock from impact with large objects like tree logs shall be provided.
- Conveyor belting shall be of heavy duty SS 304/galvanized/ Corrosion resistance with flights across width of pick up conveyor, Heavy duty galvanized for storage loading conveyor, Heavy duty galvanized for unloading conveyor.
- Flights required on Pick up conveyor. Flights themselves shall be of stainless steel -304 material.
- Hydraulic pump and motors should be of reputed make. Brochure and technical details should be enclosed along with the bid.
- Machine shall have a sun/rain canopy. Manufacturer may provide enclosed cabin also as per their design. If cabin, then there should be look through glass on all sides for proper light and better visibility.
- All required statutory & Govt. formalities (if any) for carrying out such type of work shall be complied by contractor & it is their responsibility.
- According to prevailing norms, acts - rules of Govt. / authority and shall be followed & complied by contractor.

1 SCOPE OF SUPPLY MACHINE & OPERATION & MAINTANCE

- Supply, delivery at site (Decides by RMC), assembly, testing & commissioning of 01 nos. aquatic weed harvester machine for working at lakes, canals etc. at Rajkot, Gujarat as per the Specification in the RFP. The detailed requirements during O&M are detailed in subsequent sections.
- Broadly the scope of **O&M (With Diesel for 01 nos. Skimmer Machine Run 8hr /Day , 313 Shift in One (01) Year, Full Insurance of machine & Manpower, Transits Insurance, Loading & Unloading of Machine, Considers transportation of the equipment from storage area to the first lake and subsequently from one lake to the other using necessary equipments.)**
- Any Extra work than the one shift of as day will be paid to contractor on **Pro-Rata basis**, if contractor has taken prior approval for the same from engineer in-charge, if he fails to take prior approval from engineer In-charge payment for such work shall not be paid. Payment of extra work will be paid on hourly pro-rata basis on current rate of Per Shift at time of working.
- **The Bidder shall make an assessment of the number of movements expected by carrying site visit. Further, the Bidder should consider in its**

quotation the cost of transportation of the weed/ floating waste removed from the water body to a specified dump site.No Extra

2 EQUIPMENT DETAILS

Minimum Technical requirements:

Items	Minimum Requirements
Operating Dimension (L*W*H)	12.5*4.6*3.6 9 (Meter)
Storage Capacity	Minimum 13 Cum
Operating width	Not more than 5 meter.
Weight of machine	7000 -7500 Kg Approx
BARGE (L*W*H)	7.3*3.0*.66 (Meter)
Machine Height above water Surface	Not more than 4.5 Meter.
Compartments	Minimum 3 Airtight / Watertight Compartments.
Draft, Empty / Draft, Fully Laden	Empty draft shall not be more than 50 cm whereas laden draft shall not be more than 70 cm.
Engine Protection	Low oil & high temperature shutdown shall be provided.
Fuel Tank	Capable enough to operate for minimum 8 hrs continuously without refilling.
Hydraulic System	Variable displacement & pumps shall be provided for low maintenance with precision controls.
Hydraulic Oil	Environmentally safe & marine grade Oil
Hydraulic Reservoir Capacity	Minimum 90 liters with temperature & level gauge and capable enough to operate all the hydraulic Operation Without any Trouble
Hydraulic System Protection	Relief valves, low oil & clogged filter sensors shall be provided for better working of the hydraulic system.
Instrumentation & Controls	Levers, gauges, warning lights & alarms shall be provided.
Location	It shall be located at convenient and easy to maintain place in the system.
Operator Seat	Padded vinyl captain's chair shall be provided for comfort.
Operator Protection	All hydraulic lines / valves enclosed water proof (corrosion resistant) & shielded for better safety of operator.

Vessel Lighting	Night working lights shall be provided.
Operating Style & Mechanism	Hydraulic open / close collection flares for skimming horizontal and vertical cutter knives for harvesting to be used interchangeably. Further it shall be easy to mount or dismount the various mechanisms with less requirement of time.
Pick up Swath, Width for Skimmer	2.3 meters Minimum
Harvesting, Width	Appx 7 feet
Harvesting, Depth	0 to 2 meter depth from the surface water
Pick up Swath, Depth for Skimmer	Adjustable, 0 – 1.6 meter
Impact Protection	Pre compressed shocks and pivoting spring Suspension
Loading & Unloading Conveyor Belting with Flights	25 mm x 25 mm heavy duty stainless steel meshes with flights across the width of conveyor.
Storage Conveyor	Belting 25 mm x 25 mm heavy duty stainless steel mesh.
Discharge Height, from water surface	Approx. 1.5 meters.
Propulsion System & Location	Twin paddle wheels with forward and reverse movement required for efficient propulsion system and shall be provided at convenient location in the unit for quick and comfortable operation required for efficient propulsion system and shall be provided at convenient location in the unit for quick and comfortable operation.
Operation	Independent forward & reverse movement of each paddle wheel shall be required for better working and control.
Hull Material	Carbon steel for better protection & long life or higher grade/quality.
Frame Material	Carbon steel for better protection & long life or higher grade/quality.
Fasteners	Stainless steel throughout for better protection & long life or higher grade/ quality.
Preparation for entire Machine	Abrasive sandblast, epoxy primer shall be applied for longer life.
Paint Type, above the waterline	High quality polyurethane based shall be applied to resist the corrosion & for better life of equipment.
Paint Type, below the Waterline	High quality marine epoxy

03 Engine:-

Diesel fuelled internal combustion engine with compression ignition system and electronic engine management system capable of delivering adequate power to obtain

desired performance in respect of defined acceleration levels and emission norms.

The engine should be heavy duty diesel operated and capable to power the hydraulic systems required for various operations. It should be easy to operate and simple to maintain and should be a high performance operations with very low noise level (dB) creating the most environment friendly solution. Fuel tank of machine shall be see-through type and shall give at least 10 hrs endurance.

The Machine and its equipment shall adhere to all the existing rules and those prescribed from time to time by pollution & environment statutory authority's standards and measures in Raajkot Municipal Corporation's jurisdiction.

04 Cabin / Canopy

All controls shall be ergonomically designed and placed for easy and smooth working with minimum fatigue to the operator. Cabin / canopy shall be with walk through access and having excellent front visibility.

05 Additional Features

The equipment shall be incorporated with following systems:

- To save the fossil fuel which is the national need it is necessary that some sort of sensors are to be provided in the hydraulic system by virtue of which oil according to load requirement only be transmitted and used.

06 Painting

All exposed parts (internal & external) of the machine shall be cleaned, and painted with suitable anti-corrosive protective paint as mentioned in table above. The final painting shall be of suitable paint of standard make and shade and having good finishes.

- All metal surfaces shall be painted with anti-corrosive primer before painting with two coats of polyurethane paint of ISI approved make. All necessary indicative labels shall be pasted on for ease of operation.
 - a. All welding work must be MIG welding only & welding wire shall be of ESAB/ ADOR/ L&T.
 - b. All angle and channels and other raw materials shall be as per Indian standard.
 - c. All MS material shall be of Tata/ SAIL/ Jindal/ Vishakhapatnam steel/ Essar/ Ispat as suggested in the tender (for angle/channel if not available of above brand then it shall be of IS/ISO approved make) only. Contractor has to submit necessary test report and/or invoice copies.
 - d. Paint must be of standard brand only like Asian, Nerolac, Berger, ICI, Dulux and Shalimar.
- All necessary finishing shall be carried out prior painting. The under Barge parts shall be coated with anticorrosive material. Complete unit including cross and super structure member shall be painted with superior quality antirust paint.

- Both exterior and interior of tank shall be sand blasted prior to spray painting. Tank exterior shall be spray-painted with two coats of superior quality anti-corrosive primer and two coats of polyurethane paint of a reputed make. The colour shade shall be of customer choice. To resist corrosion due to weak acids/sewage the tank interior shall be coated with 2-coat anti-corrosive gray epoxy paint of reputed make. All necessary indicative labels shall be pasted for easy operation.

08 Accessories and Spares

Standard tools accessories and spares supplied with the machine shall be handed over to the Purchaser at the time of delivery of the unit.

All standard accessories required as per the recommended servicing requirements for the 18 months of operations shall be provided. The manufacturer shall also provide a confirmation to offer the spares for 12 year duration and to offer necessary support in carrying out any major repairs required in the equipment.

09 Miscellaneous

The machines shall be provided with –

- i. Safety cabin / canopy with walk through access and proper light.
- ii. Comfortable operator seat.
- iii. Front & Rear working Lights, for better visibility and smooth operation during night.
- iv. Electric Horn.
- v. Instruments for engine speed, engine hour, fuel oil level, temperature indicator and charging current along with all audible / visual warning system for hydraulic fluids and other working parameters.
- vi. Stainless steel hydraulic cylinder rods and entire hydraulic system must be of water proof (corrosion resistant) materials.
- vii. Complete hydraulic system for all operations, load handling and propulsion functions with variable speed control at the operator's tip.
- viii. A suitable operator's platform with proper seat and having better access with Engine controls and monitoring system with warning lights and hydraulic controls with pressure gauge.
- ix. Front conveyor with adjustable depth and flights to belts.
- x. Proper railing and guards for protection and safety of staff.
- xi. All fasteners must be of stainless steel materials.
- xii. Marine coating following sand blast preparation includes priming and finishing coats.
- xiii. Fire extinguisher, life jackets, and life ring with rope and other safety accessories as required.
- xiv. The hydraulic system shall be of reputed make and water proof (corrosion resistant). The hydraulic pipes, hoses, coupling should be of high quality to withstand high pressure and water proof (corrosion resistant)
- xiv. Bidder has to submit the latest test certificate/report for quoted model along with its technical bid for such type of machine. Tenderer has to

furnish the following details.

- xv. Model, Engine H.P. at RATED R.P.M.
- xvi. Hydraulic system details. (make, working details etc).
- xvii. Party has to submit the list of their authorized service centers/ dealer/ workshop in India.
- xviii. Any other relevant technical details.

All required safety & warning control system & mechanism should be provided in built.

Tool kit

A standard and recommended tool kit shall be supplied along with machine for regular maintenance of the machine and all fittings and attachments.

Instruction Manual

Copies of each operation instructions manual, service manual and spare parts list shall be supplied with the machine.

OPERATION AND MAINTENANCE REQUIREMENTS

Scope

- Contractor has to cut various floating vegetation from various water bodies as instructed by concern officer of R.M.C and has to collect, Load- unload and finally dispose off all the waste, vegetation, algae and other floating &/or accumulated material from various lakes and other water bodies of the city (as instructed) to designated dumpsite/s
- Contractor has to unload the waste collected in the trash skimmer either directly into the tractor trolley/ trucks/Dumpers so provided by them(Contractor) they have to collect such material in to closed body container provided by them at site for collection in coordination with concerned department of RMC and later on same shall be disposed off at the waste dumping site of RMC or as instructed by R.M.C time to time on daily basis (by concern officer in charge /Other related deptt. of RMC from different sites).
- During the contract period if R.M.C /authority instruct (if required) then contractor has to broadly perform the segregation of the collected floating waste for further treatment/ recovery/ process and same shall be complied by contractor without any extra charges and left over material shall be disposed of by them as above.
- This work shall be performed timely and efficiently on 24 x 7 basis throughout the year as per the RMC requirement during the contract period. Further as and when required, machine shall be shifted from one water body to another for cleaning operation of the water bodies as per requirement of RMC related authority.

- They have to use this machine as per the instruction of the R.M.C over and above in coordination - confirmation with **Central Workshop (DEE Auto) or Any Other Department Head of RMC.**
- All required machineries/ vehicle for shifting and transportation of trash skimmer machine from one site to other shall be arranged by Contractor.
 - **The Contractor shall provide the following services:**
 - Provide Services of one driver cum operator per unit, one unskilled labour per unit. One Supervisor for Coordination with RMC. He should also provide necessary drivers & support staff for transport of **equipment from one location to another and for disposal** of weed/ waste material to dumpsite.
 - Apart from the above the operator should provide maintenance staff, Technical back up Support of Engineer/ Technician as per requirement. The supervisory staff for carrying out the assigned work shall also be provided as actual required onsite for ease & effective output of machine at his own cost.
 - Routine maintenance and servicing of machine including replacement of filters for hydraulic oil, engine oil etc as & when required.
 - Provide consumables such as lubricants, hydraulic oil, oil for compressor, filters, diesel and engine oil etc as & when required.
 - All Minor and major repairs of machine including spares as per requirement.
 - Payment of road tax and insurance of the equipment to cover unforeseen events like theft, accident, fire, riots, earthquake etc.
 - Contractor has to maintain all records regarding quantity of material/ operation and no. of trips and time required emptying the same.
 - Record to be submitted on day to day basis/ weekly/ monthly/ quarterly as demanded & as suggested in the format by Client.
 - The equipment shall be operated on single shift basis of 8-hours for six days a week which shall include the time taken for moving the Machine from parking place to place of work and back, and moving the machine from one work area to another but not the lunch time of the operators. The operator shall be responsible for parking and garage facilities with washing facility, electric and water supply.
 - The Contractor shall ensure that his personnel should report worksite every day at designated time and continue working throughout the day. The contractor shall make provision for presence of requisite manpower to perform his duty during national holidays and festivals also so that the work is not affected at any site in the Rajkotcity.
 - The corporation for working on holidays, national holidays and festivals will make no separate payments. The Contractor should ensure presence of his workforce at the specified time and location. The contractor shall be paid on pro-rata basis in steps of 2 hrs for working beyond 8 hrs and shall be paid based on the number of shifts actually completed.

OPERATIONS AND USE OF VEHICLES & EQUIPMENTS

- The Contractor shall be fully conversant with all the laws applicable to the work under the contract including Motor Transport Work's Act 1961, laws related to water body equipments / machine running and even any amendment thereof.
 - The contractor shall submit a detailed Operations and Maintenance schedule at the time of starting of work. The Contractor shall submit within four weeks of award of work. All Preventive Maintenance procedures and Corrective Maintenance procedures described in the Operations and Maintenance Manual shall be followed by the contractor.
 - The corporation shall have a right to charge the contractor for any damage caused to corporation assets during the performance of contract by the contractor and the same shall be recovered from the contractor in a month or from the amount payable to him.
 - Contractor shall keep enough spares for units for replacement during breakdown or preventive maintenance.
 - Materials used for Hydraulic units should be of standard make & as per instruction / specifications of central workshop of RMC.
 - It shall not be permissible for the contractor to dump or dispose of solid waste, garbage, or recyclables waste on any street, alley or other publicly owned property unless expressly authorized by the corporation.
 - Contractor shall submit daily / weekly/monthly report of the work done to the officer of concern deptt. and Central Workshop department; RMC from time to time in the Performa that may be prescribed.
- **The O & M charge should include all electrical and mechanical parts repairing and replacing with minor spares Also Include Charge of Skimmer Machine Transportation From One place to Other Place in Rajkot City Area & Loading & Unloading Cost/Charge/Expense of Skimmer Machine**
 - The contractor should have to attend the breakdown if any as early as possible and should have to complete the work without unavoidable delay.
 - Contractor shall have to provide experienced operator and workers.
 - Operator / workers shall have to perform his duties for 8 hours / day as directed by Client, within the jurisdiction of CLIENT's area.
 - Contractor must be registered with labour laws Act. They shall have to Act and obey as per govt. rules and regulations.
 - In case of Accident or death of Employer's of Contractor or third party, CLIENT/RMC will not be responsible in any manner / Manners.
 - In case of damage of machines due to Accident, CLIENT will not be responsible. Contractor have to repair Machine on his own Cost
 - In any case, contractor is not allowed to work inside the manhole or sewer lines.

- The operator and workers shall be Contractor's employees.

○ **Routine Maintenance**

- The scope of work of routine maintenance shall consist of the following:
 - The bidder shall have to submit schedule of maintenance and carry out the general daily preventative maintenance as recommended by OEM in addition to minor break downs as per the schedule of maintenance. Daily preventative maintenance shall also include oiling, greasing, etc of all movable parts.
 - Routine maintenance and servicing of Machine including replacement of Hydraulic oil, engine oil, other oil and coolant liquid etc. Same shall in the scope of Contractor and remains to be kept in stock according to the requirement and maintenance schedule as recommended by OEM.
 - Contractor has to carry out washing of the machine and other mobile and stationary infrastructure used in such waste collection work at least once a week/or as per the work requirement. Machine shall be serviced once in a month.
 - Routine consumable spares inventory shall be provided by bidder and maintain minimum inventory to avoid any hassle in operation of machine The list of routine consumable spares shall be submitted along with this offer.
 - All running/major repairs and break down repairs of entire Machine shall be in scope of work including all necessary spares/accessories etc required for smooth and uninterrupted operation of machine. The bidder shall also maintain register/record for consumable, spare maintenance in appropriate formats.
 - During maintenance of machine, for repairing of any parts/spares, equipments installed in machine, necessary machinery such as extra man power, etc shall be arranged by the successful bidder at his own cost and included in the scope of work.
 - The operation of machines shall be confirming to Operation manual of the machine manufacturer. The repairs & maintenance shall be carried out, as per the practice prescribed by manufacturer/ instructed by RMC.
 - The corporation has the right to charge the contractor for any damage caused to corporation assets and the same shall be recovered from the contractor with immediate effect. Contractor has to keep enough spare for preventive and breakdown maintenance of all the equipments as per the unit/equipment manufacturer's guideline and this will be verified by the Engineers of Central workshop Department , RMC at any time for smooth and uninterrupted working of machines.

○ **List of Major and Minor Maintenance**

• Minor Maintenance	• Major Maintenance
• Routine oiling and greasing of Complete Unit	• Repair/Replacement of Gear box
• Replacement of Battery.	• Repairing/Replacement of Hydraulic Cylinders

<ul style="list-style-type: none"> • Filter cleaning and refitting 	<ul style="list-style-type: none"> • Repair/Replacement of hydraulic pump
<ul style="list-style-type: none"> • Oil seal and O-ring replacement of Pump 	<ul style="list-style-type: none"> • Repairing of Cylinder tank
<ul style="list-style-type: none"> • Minor patching, welding and painting 	<ul style="list-style-type: none"> • Major patching, welding and painting
<ul style="list-style-type: none"> • Replacement of Clamp & coupling etc. 	<ul style="list-style-type: none"> • Repairing of Engine

○ **Detailed requirements during O&M Contract**

- The contractor shall have to maintain logbooks & shift register, present register of the staff. Contractor has to get work certificate from the concerned dept./officer of CLIENT where/ under whom machine put in use in the machine Log diary along with satisfactory Barge maintenance certificate of Central workshop, CLIENT & copy of same must be enclosed along with monthly bill CLIENT for payment procedure.
- **Minor work:** Routine service, electrical work, external leakages (oil/ diesel), mechanical/ hydraulic settings, vehicle & transmission related job, brake job etc. These shall be carried out at site or at Operators parking place / at dept.'s site if available.
- **Major work:** Structural damages, Major barge repairing, Engine o/h related, Hydraulic system major work including pump repairing/ replacement work etc.
- The contractor shall be required to **take comprehensive insurance** for all the machines during the contract period.
- It will be the responsibility of the operator to have insurance coverage of their operating staff.
- They are requested to note that there will not be any reimbursement in this regard by CLIENT. As regards any mishap / accident happened on the road or at site, the operator will have to shoulder the complete responsibility of the same, right from registration of Police complaint, lodging / follow up of the insurance claim and facing the court trials etc.
- It shall be the responsibility of operator to set right the machine without raising any extra bills / claim against the same for reimbursing the same from CLIENT. However, they shall be liable to receive all the payments received by CLIENT against the settlement of insurance claims from the Insurance Institutions. CLIENT authorities shall give the full cooperation to the operator by signing the requisite documents necessary for raising the insurance claim upto settlement of the same.
- The work force provided by the contractor shall have to be properly dressed in uniform and shoes, all the time. Each person provided by the contractor shall have to display the Identity Card on the uniform, with photo.
- Contractor has to arrange for all drivers, helpers, operators, labour, etc. & incur their salaries, wages, etc & all liabilities and responsibilities lie with him.
- The Contractor shall ensure that his personnel report to works everyday at designated time and continue working throughout the day. The Contractor shall make provision for presence of requisite manpower during national holidays and

festivals if required. No additional payments will be made by the CLIENT for working on holidays, national holidays and festivals. The Contractor should ensure presence of his workforce at the specified time.

- The Contractor shall be solely responsible for any consequences under laws, arising out of any accident caused by his vehicles, equipments or his employees to the property or personnel of the CLIENT.
- The CLIENT shall not be responsible for any claim / compensation that may arise due to damages / injury / death pilferage to the Contractor's vehicles, equipments, property, staff and any third party or the property under any circumstances while providing services under the Contract
- **Mobile phone shall have to be provided for each machine and to the supervisor for effective communication.**
- At the end of O & M contract period, Contractor has to hand over the machines in satisfactory working conditions acceptable to DEE Auto&/or his authorized representative. Otherwise penalty will be imposed by CLIENT at the discretion of DEE Auto & shall be binding to the contractor.
- **CLIENT officers shall only inform the location of the water body to be cleaned. It is in the scope of the contractor to carry out the work unsupervised & Do all Necessary Arrangement for Loading &Unloading of Skimmer Machine In Lake & River .**
- Any machine which goes into breakdown shall have to be repaired within the stipulated period for major & minor repairs. Non-availability of the machine beyond this stipulated duration shall be liable for penal damages as specified in the contract.

○ Daily Operation & Coordination

- The contractor shall prepare and implement an effective operation and maintenance program in consultation with R.M.C. R.M.C will not provide any skilled or unskilled work force, machinery, or equipment. It is absolute responsibility of contractor to look after all sorts of maintenance whether preventive or breakdown.
- The quality of all consumable and spare as per manufacture recommendation shall be made available at site/ workshop all the time and will be verified by the CLIENT.
- The contractor shall be responsible for keeping up-to-date record of documents including day to day work of all the vehicles put in use as per requirements of R.M.C. The contractor shall maintain and update logbook, in which details of operational parameters are recorded in every shift and at regular interval or as decided mutually.
- The Contractor shall maintain separate checklist register for daily, weekly, fortnightly, monthly, quarter yearly, half yearly and yearly activities. Also during checking if any abnormalities found it must be brought to the notice of R.M.C officer in charge and rectified by the contractor.
- The contractor shall be responsible to carry out day-to-day as well as periodic maintenance, necessary to ensure smooth and efficient performance/running of all equipments, machinery as per manufacturer's specification and maintaining the

record of the same. Maintenance of all vehicles will be supervised by R.M.C Official. Contractor has to carry out all the related work under intimation and supervision of them.

- The contractor shall have to issue identity cards with photographs, uniform to all the staff employed for Operation and maintenance including transportation.
- The Contractor shall not reassign the work under the contract to any other party without prior written approval of the CLIENT
- The contractor shall employ all required staff including operation manager, technical experts, skilled and unskilled labors, drivers, labor etc. required for such services.
- Contractor shall comply with all safety rules and regulations and all inter disciplinary measures as followed by the R.M.C.
- R.M.C shall not be responsible for any accident /injury to the staff of the contractor. It is contractor's responsibility to take insurance of his employee, medical facility, work compensation etc. as per workman compensation act and all other relevant laws. Further the R.M.C will not provide any insurance, medical facility, workman compensation, etc. to the staff of contractor.
- Due to strike by the contractor's employees, the operation and maintenance of machines must not be affected and the property of R.M.C should not be damaged. In such case any dispute/ discrepancy occurs, the decision of Chairman, R.M.C will be final and will be binding to the contractor. Also if any expense is required to be made on this account by R.M.C, it will be deducted from Contractor's bill/ SD.
- All Central/ State Government/ Semi-Government/ Local Body's Rules and Regulations pertaining to this contract shall be strictly followed and observed by the contractor without any extra cost to the R.M.C.
- The duration of the contract shall be for 5 (Five) years from the date of actual work commencement of machines extendable by additional 1 years based on performance during the original contract duration. However R.M.C reserves the right to terminate the contract at any time by giving 02 months (60 days) notice to the contractor.
- All these works shall be done as per standard practices and by following labour, factory, electrical, GPCB, and all other old and new law and order, Indian standards etc. as applied by Local, State and Central Govt. of India.
- At the end of O & M contract period, contractor shall hand over the machines in satisfactory working conditions acceptable to R.M.C/ its authorized representative. Otherwise penalty equivalent to the cost of repairs will be imposed by R.M.C at the discretion of COMMISSIONER -RMC & shall be binding to the contractor.
- In case the successful bidder fails to deliver the services as stipulated in the tender, the Commissioner –RMC reserves right to get it done from alternate sources at risk, cost and responsibility of successful bidder.
- If it is observed that the Contractor carrying out the work fails to comply with instructions given by the authorities during execution of work thrice, the work may be terminated and will be carried out at the risk and cost of the contract & penal action will be taken against them. This decision will not be subject to arbitration.
- The above condition will be in addition to the relevant condition in General Conditions of Contract regarding cancellation of full or part of the work, finality of

the decision of the disputes, differences or claims raised by the contractors relating to any matter arising out of the contract

- Scope of work is Comprehensive Operation & Maintenance Contract for the following equipment (Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine)) 01 Nos for the period of 5 years as per specification and conditions mentioned in the tender document.
- For the smooth operation of the machines all the required equipment, machineries, units, accessories, consumables including Fuel (Diesel), grease, lubricating oils, cleaning agents, all types of epoxy paint, marine paint, material required for housekeeping and cleaning etc. are to be brought by the contractor. The quality of all consumable and spare as per manufacture recommendation shall be made available at site /workshop all the time and will be verified by Purchaser.
- The Contractor shall be responsible for keeping up-to-date record of documents including day to day log sheet of the machine. The contractor shall maintain and update logbook, in which details of operational parameters are recorded in every shift and at regular interval or as decided mutually. The Contractor shall maintain separate checklist register for daily, weekly, fortnightly, monthly, quarter yearly, half yearly and yearly activities. Also during checking if any abnormalities are observed, same shall be informed to the Purchaser and rectified by the Contractor.
- The Contractor shall issue identity cards with photographs to all his personnel, and provide uniform to all the staff employed for Operation and Maintenance including shifting and transportation.
- The Contractor has to submit daily/weekly/monthly report of their work to the respective Officer- In-Charge, as per requirement.

Maintenance

- The electrical and mechanical maintenance from time to time shall be carried out through license electrician/wiremen/fitter only, and all precautions shall be taken to avoid any accidents/mishap.
- The contractor shall be responsible to carry out day-to-day as well as periodic maintenance, necessary to ensure smooth and efficient performance/running of all equipments as per manufacturer's specification and shall maintain the record of the same. This will be verified by the Employer.
- The Contractor has to carry out washing of all the machineries and other mobile and stationary infrastructure used for waste transfer/unloading at least once a week/or as per the work requirement.

Tools & Tackles

- The contractor shall provide all the required tools and tackles for the operation maintenance of the equipment. Purchaser will verify this time and again during contract period.

Safety Provisions

- Contractor shall comply with all safety rules and regulations and all inter disciplinary measures as followed by the Purchaser and required for such services. The contractor shall at his own expenses arrange for the safety precautions as required by the Purchaser for such services, in respect of all labour directly or indirectly employed for performance of the works and shall provide all facilities in connection therewith. In case the contractor fails to provide such facilities, the Purchaser shall be entitled to do so and recover the costs thereof from the Contractor. Further all staff provided/deployed by Contractor for this work must know skilled swimming and life-saving technique in water body (in stagnant and/or flowing water as described in this tender).
- Contractor has to provide fully working life saving equipment and medicines on the machine in sufficient quantity to overcome/tackle any accidental situation required for such operation as per the prevailing norms and rules of various Govt. / other authority.

Material and Workmanship

- The Contractor shall at his cost provide all materials required for the works. All spares, materials etc to be provided by the Contractor shall be in conformity with the specifications laid down in the tender/as per the machine manufacturer's specification/instruction, the contractor shall if requested by the Employer to furnish proof to the satisfaction of the Engineer or his authorized representative that the materials so comply.

Plant and Equipment Tracking System

- Contractor as per the requirements of the Purchaser, so as to have effective tracking of the daily activity shall provide communication system / equipment including GPS system if asked by the Purchaser. This system must be as required by the Purchaser so as to have connectivity with the GPS control room of the Purchaser. Hardware expenses for the same shall be borne by Contractor.

Agreement with Manufacturer for Technical Backup

- In case the Bidder is not the manufacturer/authorized dealer/agent/distributor as mentioned in the tender of machine, then the Bidder shall have proper tie-up agreement with the manufacturer/authorized dealer/agent/distributor duly registered in India for the entire contract period, clearly stating that the manufacturer/authorized dealer/agent/distributor will supply the spare parts, provide technical support and services and with backup guarantee of the

manufacturer/authorized dealer/agent/distributor to Purchaser during the entire contract period.

Painting

- This work is also inclusive of painting of machine at the regular interval of one year (if machine found dirty) in normal case and as and when required in accidental/repairing situation. The Purchaser will verify this. However, if any unit/mechanism is found to have some defect in paint work at any time, the Contractor has to repaint the same under the instruction of the Purchaser.

Operation and Maintenance Manual

- 1) The contractor shall provide 6 copies of O&M Manual to the Purchaser, at the time of commissioning of the equipment.
- 2) The O&M Manual shall include the daily, weekly, monthly, quarterly, half yearly and annual checks and remedies if necessary to be performed for effective operation.

Inspection and Testing Requirements

- (a) All inspection and testing shall be carried out in accordance with the Specification and in absence of Specification relevant Indian Standard or internationally approved equivalent standard shall be adopted with Purchaser's approval.
- (b) The Contractor shall establish and submit a detailed procedure for the inspection of materials or any part of the works to the Purchaser for approval within the date indicated in the Programme Details. The detailed procedure shall indicate or specify, without limitation, the following:
 - Applicable code, standard, and regulations.
 - Fabrication sequence flow chart indicating tests and inspection points.
 - Detailed tests and inspection method, indicating the measuring apparatus to be used, items to be measured, calculation formula, etc.
 - Acceptance criteria.
 - Test report forms and required code certificates and data records.
 - Contractor's or Purchaser's witness points.
- (c) The Contractor shall not pack for shipment any part of the Equipment until he has obtained from the Purchaser his written approval to the release of such part for shipment after any tests required by the Contract have been completed to the Purchaser's satisfaction.
- (d) The following Inspection and Testing procedures shall be carried out for the equipment as applicable:
 - Visual Inspection.
 - Dimension Checking
 - Dynamic balancing for all rotating parts
 - Hydrostatic / Leak testing for all pressure parts, Pneumatic Leak Test wherever applicable Operation check

Pollution Norms

The equipment should have best technological arrangement to ensure that the dust content in the exhaust air, from machine is less than the existing / prevailing pollution control norms.

All indicators and control elements required for system control and monitoring to be installed in a Control Panel located at the cabin area.

3 INSPECTION & TESTING OF EQUIPMENT

- All described Inspection & Testing at manufacturer's works must be carried out on risk and cost of the contractor for aquatic weed removal machines as per the terms of this tender.
- Inspection will be carried out by Third Party Inspecting Agency.
- Preliminary inspection will be carried out by authorized representative of RAJKOT MUNICIPAL CORPORATION and Third Party Inspecting Agency.
- Inspection of the machines shall be carried out by authorized representative of Rajkot Municipal Corporation and **Third Party inspection** agency nominated by RMC and the charges for the same has to borne by tenderer @ 1.50% of contact value (+Applicable GST)

Quality Assurance Plan (QAP)

The supplier shall also provide the detailed technical specification along with the bid submission along with the internal Quality Assurance program. The supplier shall submit a Quality Assurance Plan of the for information. The supplier shall submit the QAP for approval of the client within 30 days of placement of order. The test where client / its authorized representative shall witness the test and where review of test reports shall be done shall be clearly identified.

First unit/ sample shall be inspected/ verified by authorized representative/s of R.M.C and third party with the specification of R.M.C & on approval of first unit/ sample; bidder shall have to supply rest of units.

All facilities required during inspection & testing viz. travel, transportation, lodging & boarding etc. should be provided to CLIENT'S representative at no extra cost by contractor.

Equipment inspection shall be carried out by authorized representative of R.M.C. The client at its discretion shall carry out stage inspection at the various critical stages at Bidder's works-

- a. Stage-wise and final inspection including all accessories, stability, operational and dimensional check.
- d. Apart from inspection, which may be carried out by purchaser's representative or authorized inspecting agency, Bidder shall furnish Test Certificates for all bought out components and also details of their own in- house inspection carried out.

- e. All costs towards inspection shall be borne by bidder, arrangements for arranging the tests shall be provided by Bidder, within scope of technical parameters of the tender.
- f. It shall be the Bidder's responsibility to raise inspection call in writing to purchaser at least 10 days prior to each stage as above. Bidder shall be provided an opportunity to rectify defects but without any extension in the delivery period.

At works

Inspection and checking of details of various components specified in the specifications and agreed by the bidder, particularly the details of engine, drive system, brakes, hydraulic system, electrical system, hydro-test of tanks, etc including their capacity, make, dimensions, etc.

Tests on equipment at manufacturer's works/field test shall be carried out as per applicable standards / codes and specifications.

- All inspection, testing and examination shall be carried out in presence of Client's engineer/ engineers.
- The certificate of the materials of the individual units as well as internal test certificate for the complete unit shall be submitted.

The inspection & test witness shall be particularly carried out at works:

- Pressure Test - Tank, Valves etc.
- Hydraulic Test - Hydraulic Pump, Hydraulic System, Tanks etc.

Field Test

The field tests shall be carried out as per design standards given by the bidder at the bidding stage / approved documents at a site in Raajkot.

- Field trial for 2 days (6 to 8 hours in two shifts running per day) to assess functional performance of the unit.

Technical Data Sheet is an important part of Tender

Specification/ Document and the same shall be checked/verified with supporting documentary proofs, wherever applicable/necessary and shall be duly filled in at the time of Pre-Dispatch Inspection in the presence of inspecting officers/ team/ 3rd party inspection agency and copy of certified/signed sheet has to be submitted to the tendering authority or their authorized personnel and get dispatch clearance letter/certificate prior to delivery of machine(s) from manufacturers works to the CLIENT'S. The Technical Data Sheet with applicable details (except product serial no.) shall be filled in and submitted along with the tender.

Certificate of Origin (for imported items)

The contractor shall submit copy of certificate of origin, bill of lading, letter of credit, proof of custom duty paid and principal's (manufacturer) invoice of the imported components before dispatching machine without which the machine shall not be accepted.

4 PERFORMANCE REQUIREMENT OF SUPPLIED EQUIPMENT

Technical Performance

- The Authority reserves the right to impose financial penalty in a month in case the work is not found up to the mark, during the routine inspection carried out by the Client's staff. The decision on amount of penalty within the limit is sole discretion of the Authority & maximum 10% of the bill amount.

Transportation

- After satisfied inspection & testing of combined machines done by Authority's Engineers at your works, successful bidder should be responsible for supply & delivery of machines from works to R.M.C, Rajkot, Gujarat at his risk and expenses like e.g. temporary R.T.O. passing, transportation, drivers, diesel, Road insurance , etc.

Pollution Norms

- Barge required for mounting the Machines is also in the scope of contractor. He must opt for reputed make from ISO 9000 company and the diesel engine used should comply to latest emission norms.

Equipment Registration (If Applicable)

Registration of the equipment must be done at appropriate authority. Registration of the machine must be done in favour of "Commissioner Rajkot municipal corporation," Purchase of machine shall be in the name of "Commissioner Rajkot Municipal Corporation" at the time of purchase of equipment itself.

Equipment Guarantee

- Operator must have back up guarantee from the original manufacturer of imported components and also confirm the spares supplied by manufacturer to the bidders minimum for the period of 15 years. Operator shall guarantee the manufacturing, design, materials, workmanship and performance of all goods to be supplied under the order for a period of 12 months from the date of initial operation.
- For all the equipments supplied under this tender the Bidder would give guarantee that the Machines/ Equipments conform to the technical parameters, quality standards and/or guaranteed operational parameters as specified in the RFP and as specified in the submitted bid document submitted by the Bidder.

- If within a period of 120 days from the supply and successful commissioning of the equipment the CLIENT finds any major deviation in the quality, technical parameter or equipment it may issue notice to the Bidder to rectify the same within a period of 60 days. In the event the Bidder is unable to rectify the same and the machine is found to be unable to operate as per the equipment guaranteed parameters the CLIENT may reject the Machines/ Equipments and return the equipment and recover all payments made to the Bidder under the Contract.
- If during the O & M period the machine / equipment undergoes regular breakdowns and its availability is affected by more than 15 days during the first 180 days of any financial year or more than 30 days within 365 days of any financial year and that notwithstanding the fact that the CLIENT may have expected and/or approved the said Machines /Equipments, the CLIENT may impose liquidated damages equal to the O&M Charges for the number of days the Machines/Equipments were not available for service beyond the maximum duration of 30 days in any financial year.
- In the event the said Machines/equipments be discovered not to conform to the aforesaid technical specifications, quality or guaranteed operational parameters during the O&M period or if the Bidder is unable to furnish records of having carried out O&M of the equipment or replenish the spare & tools at the beginning of each year, the CLIENT will be entitled to deduct the amounts upto to the value of performance BG of the Machines/Equipments or such portion thereof as may be discovered not to conform to the said description and quality, as a fair and undisputed damages to the CLIENT for such non-performance or such portion thereof as not meeting the specified quality, technical specification or operational performance specified in the RFP by the CLIENT, otherwise the bidder shall pay such damage as may arise by reason of the breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the in that behalf under this contract or otherwise.

Equipment Spares

The successful bidder shall guarantee availability of spare parts and supply the same throughout the life of the equipment as and when ordered, within a reasonable time period. The equipment supplier shall submit a detailed spare part list with lead time for delivery of the spares along with the O&M Manual.

Imported Equipment supplies

In case of imported equipment, current valid Letter of Authority and support letter in favor of the Client for providing after sales service and spares parts support for 15 years duly notarized to be enclosed with the bid. In case of order, bill of lading, custom clearance certificate and other supportive import documentation in original has to be submitted by the Bidder to the Client for verification.

O & M Manual

The bidder shall submit the operation & maintenance manual of the supplied model of the equipment showing detailed operation procedures including list of Do's and Don'ts, blown up views of all major components and sub-assembly, detailed procedure for overhauling and replacement of each component, trouble shooting and remedies lubrication schedule and preventive maintenance checklist for daily, 2,500 hourly, 10,000 hourly and 25,000 hourly and 40,000 hourly schedule, Successful bidder shall provide 1 set of O & M Manual with each Machine.

Other responsibilities

Electrical Supply

- The contractor shall make payments of actual electric consumption bills to the electric supply company, as and when the same are demanded (if separate plot for parking & / or repair - maintenance given to them) In case of non-payment of electric bill & supply company issues notice for disconnection, the bill amount will be recovered from the regular monthly bill.
- The electrical maintenance from time to time shall be carried out through license electrician/ wiremen only and all precautions shall be taken to avoid any accidents/ mishap.
- The contractor shall follow all the mandatory condition of electric supply of company & take all the safety precautions as per statutory requirements. R.M.C department time and again during the entire contract period also will verify this.

Tools and Tackles

The successful Bidder shall provide all the required tools and tackles for the operation maintenance of the equipments. Vehicle Pool department time and again during contract period will verify this.

Safety Provisions

The contractor shall at his own expenses arrange for the safety and security precautions as required by the Corporation/ necessary for such services, in respect of all labor directly or indirectly employed for performance of the works and shall provide all facilities in connection therewith. In case the contractor fails to provide such facilities, the Corporation shall be entitled to do so and recover the costs thereof from the contractor. Contractor has to manage for his own security (if he require) for safety of the machine &/or its any part thereof, even if parked at VMC location also

Contract Price & Payment

- For O & M scope payment will be made as per the price bid on per shift basis and will be inclusive of all expenses necessary for the continuance of O & M services under the contract and **shifting(Loading +Unloading) of equipment from one water body to another.**
- **The scope of work and the price includes providing necessary Manpower(Driver +Operator+Technician+Supervisor) for carrying out the operation**

of the machines/Vehicle (With Diesel) including Disposal of accumulated weed/ floating waste to the designated waste disposal site through mechanical transport.

- Rates quoted by Contractor shall be **inclusive of GST** and other taxes/ duties etc. as may be applicable
- The O&M Charges shall include but not restricted to payments to RTA, Labour Authorities, Local and Municipal Authorities, Semi Govt., or any charges, deposits, dues, taxes, fuel, oil, lubricants, levies, toll taxes, insurance(if any) etc., connected with the service.
- In Tender usual payment terms are 30 to 45 days after submission of monthly bills. The Bidder has to quote for O & M charges for 5 years considering 313 shifts per machine per year with each shift of 08 hours per day. The time for shifting the machine from one location to another shall be considered in the shift timing.
- If vehicle would be operated for more than shift hours than for the extra hours, additional payment will be done at the proportionate rate of approved rate accordingly. CLIENT decision & rate calculation in such event/s will be final & binding to all. CLIENT will pay the bill of actual shift/day to the contractor on the submission of satisfactory performance certificate from users department of the CLIENT within 30 to 45 days. If machine is under repair or no requirement that particular day R.M.C will not pay the bill.
- The O & M Contract Price shall be AS PER Price Bid Quoted by Agency Online .
- The CLIENT (i.e. RMC) reserves the right to increase or decrease the scope of work by 10%. Contractor shall have to carry out 10% extra work at the same rate, terms and conditions if asked to do so.

Manpower Management

- The contractor shall provide (01 Driver , 01 Operator cum helper 01 Supervisor) well-trained, disciplined, honest, and sincere workforce, throughout the contract period and supervise their work regularly.
- The Contractor shall have to take valid labour license & any other relevant license from statutory bodies as required for this type of contract. Necessary documents shall be submitted by contractor.
- They should not pose any problem, nuisance to the general public. The contractor shall be solely responsible for the behaviors and honesty of its workforce.
- The contractor shall appoint at least one supervisor to ensure that services are rendered effectively. They must be available on site &/or at their office during the working hours.
- The supervisor shall qualified person and competent and authorized by the contractor to take decisions at site. Such supervisor shall be deemed to have full authority of the contractor and any instructions given to him by the corporation officers shall be deemed to have been given to the contractor. The supervisors should be easily accessible at all times and should have a mobile phone with them at all times. The Contractor shall ensure that the supervisor

or any other authorized representative shall invariably be available either in person or over the telephone within the city every day for taking necessary instruction and for proper co-ordination

- The bidder shall indicate the manpower including supervisor & their labors he proposes to deploy and the methodology to be adopted. No decrease in the workforce shall be done once notified without prior written approval of the RMC Official. The Commissioner RMC/RMC official may deduct suitable payments to the contractor if it is noticed that the workforce is reduced without prior approval.
- Contractor shall provide suitable uniform to all their staff including shoes and photo identity card.
- The contractor must verify antecedents of the employees to be provided by the contractor before deployment. The contractor shall engage no person having criminal record or who is not the citizen of India.
- The contractor may, at his own cost and responsibility, consider increasing his workforce, equipment, and materials in order to discharge contractual obligation.
- The COMMISSIONER -RMC reserves the right to ask for the replacement of the personnel not found fit or suitable for undertaking the task assigned. The contractor shall do replacement without any extra cost to the corporation within one week of the order.
- Contractor shall pay salaries /wages etc. to his workforce adhering to the laws in force & all liabilities and responsibilities in respect of persons engaged by him shall lie with the contractor.
- To avoid mishap or accident during the operation, the Contractor shall ensure that only skilled staff / drivers with sufficient experience in their respective trade and physical fitness are deployed on the job and are not put to over exertion as per prevailing labor laws of the State and / or Central Governments.
- The staff/ drivers deputed by the contractor during the course of contract must behave decently with the corporation's officer and staff. The Contractor shall withdraw such person who is found to be indiscipline, misbehaving, under or the influence of any intoxicant or whose services are considered detrimental to the corporation's Interest. On giving intimation to do so by the COMMISSIONER -RMC or his authorized representative. The corporation will serve a Notice to the contractor if he fails to comply. Failure to replace the personnel after issuance of notice by the corporation will be considered to be sufficient ground for termination of the contract. It will not be binding to the corporation to justify the reasons to the Contractor for advising such withdrawal of staff.
- The Drivers of the contractor must be in possession of a valid professional driving license and the driving license should be at least three years old. The equipment should be manned with staff who can swim in water and can handle emergencies. The barge should have necessary life saving equipment for safety in water body should be available on the equipment at all times.

Service Levels & Benchmarking

The contractor shall be liable for penalty as mentioned in the penalty table.

Sr.	Type of default	Penalty to be imposed
1	If contractor fails to carry out the work as per the scope of work (Shifting of equipment to water body, transportation of waste or operation of equipment)	Rs. 3000/- for each such event.
2	In case the contractor fails to paint the machines (if original color found damaged)	Rs.3000/- per machine per month till the same are painted.
3	The unit shall be exclusively used for RMC work only. Any deviation from this shall attract penalty. (in absence of RMC instruction)	Rs. 3000/- for first such incidence and then after Rs. 5000/- for such incidence.
4	If the Supervisor/Employee is not found on the work (either at any site or at their control office)	Rs. 1000/- per such incidence
	during the prescribed working hours	
5	If the Machine bodywork is found damaged and not repaired with in Time limit	Rs. 3000/- per month till it is repaired
6	If the minor and major repairing work is not carried out as per stipulated time given in tender	RS. 1000/- per machine per day till the work completed.
7	If the labour is not found on the work during the prescribed working hours on machine/s	Rs. 500/- per such event.
8	Not keeping valid driving license while machine is working conditions.	Rs. 500/- for each such event.

The penalty will be deducted from the monthly bill of the contractor. Further in above circumstances CLIENT will be at liberty to use machines with an alternate arrangement. During such circumstances if any damage occurs to the machine, same also must be set right by the contractor for which no extra payment / claim will be reimbursed to the contractor by CLIENT. This shall be binding on the contractor.

The bidder / contractor shall keep the machines in perfect working condition to the satisfaction of CLIENT.

If he fails to perform his contractual obligations besides any other action; the COMMISSIONE -RMC may decide to take as per the terms of the contract.

Penalty shall be imposed on the contractor for delay in work or for non-maintenance of vehicles, also

- The contractor shall be required to take **Full /Third party insurance** for all the vehicles/ machines, etc during the contract period. Copy of policy should be submitted to the CLIENT. It will be the responsibility of the successful bidder to have insurance coverage of their operating staff also. There will not be any reimbursement in this regard by CLIENT. If any mishap / accident occur on the road or at site, the successful bidder will have to shoulder the complete responsibility of the same, right from registration of Police complaint, lodging / follow up of the insurance claim and facing the court trials etc. It shall be the responsibility of successful bidder to set right the vehicles/machines without raising any extra bills / claim against the same for reimbursing the same from CLIENT. However, in case of full insurance taken by contractor, they shall be liable to receive all the payments received by

CLIENT against the settlement of insurance claims from the Insurance Institutions. CLIENT authorities shall give the full co-operation to the successful bidder by signing the requisite documents necessary for raising the insurance claim up to settlement of the same.

- Due to strike by the contractor's employees, the operation and maintenance of plant must not be affected and the property of CLIENT should not be damaged. In such case any dispute/discrepancy occurs the decision of COMMISSIONER -RMC will be final and will be binding to the contractor.
- The contractor shall at his own expenses arrange for the safety precautions as required by the CLIENT/necessary for such services, in respect of all labour directly or indirectly employed for performance of the works and shall provide all facilities in connection therewith. In case the contractor fails to provide such facilities, the CLIENT shall be entitled to do so and recover the costs thereof from the contractor.
- Contractor has to provide necessary security and safety provision at their own for machines during the contract period at the work &/or parking place etc if provided to them.
- Successful bidder will have to follow all the provisions of, Labor laws, P.F. Act, E.S.I. Act, Minimum Wages Act etc. & have to incorporate changes made if any during contract period also.
- Contractor will have to strictly follow the provisions of Factory Act 1947 (if required), wages Payment Act 1936, Bonus Act 1965, Employees Provident Fund & Miscellaneous Provisions Act 1952 & other Industrial & Labour Laws with latest amendments related to this Operation & Maintenance Work & will have to inform accordingly to the Department. Contractor will not be given any relaxation regarding these provisions.
- Upon failure of the Contractor to comply with any instructions given in accordance with the provisions of this contract, the CLIENT has the alternative right, instead of assuming charge of entire work, to place additional labour force, tools, equipments and materials on such parts of the works, as the CLIENT may designate or also engage another Contractor to carry out the work. In such cases, the CLIENT shall deduct from the amount which otherwise becomes due to the Contractor, the cost of such work and materials with 10% added to overall departmental charges and should the total amount thereof exceed the amount due to the Contractor, the Contractor shall pay the difference to the CLIENT. It should be specifically noted that wherever bank guarantee is required to be submitted, it should be from Nationalized Banks/scheduled bank only (As per CLIENT norms).
- Contractor has to paint all the barge and installed equipments at least once during whole contract period as and when required or instructed by CLIENT officials and the inside of the tank of all machines has to be coated with anti-corrosive gray epoxy paint of reputed make end of the every year during contract period.
- This work is also inclusive of painting of vehicles atleast one time in whole period of contract in normal case and as and when required in

accidental/repairing situation. The CLIENT department will verify this. However, if any unit/ mechanism will found to have some defect in paintwork at any time, the Contractor has to repaint the same under the instruction of CLIENT Engineer.

- The bidder shall make arrangements for washing of all the machines and equipments at least once a week.
- The successful bidder shall provide all the required tools and tackles for the operation and maintenance of the equipments and vehicles to their staff.
- Communication system/ equipments including GPS system shall be provided by CLIENT for controlling and monitoring of vehicles by CLIENT officials. A public address system shall also be provided (in emergency condition) by CLIENT to enable the machine

operator to guide the public as and when required during working at the site in the event of any emergency, mishap etc. Necessary control room facility shall be provided by CLIENT centralized.

- Each machine shall be provided with fire extinguisher and first aid kit along with other necessary tool-tackles and accessories.

Operational Instructions to the Bidder

- The contractor shall have to commence the O & M work within 6 months from the date of order.
- Planning of rendering the services shall be based on 8 hours operational shift. However based on department requirement contractor has to provide machine for extra shifts.
- The rate of the O & M is on the basis of shift/day. CLIENT will pay the bill of actual shift/day to the contractor. If machine is under repair or no requirement that particular day CLIENT will not pay the bill.
- As far as parking arrangement of the machines are concerned, the parking place shall be made available by the CLIENT.
- A successful bidder shall maintain log sheet to enter the information about the day today works allotted to them by the representative of their concerned Dy. Health Officer of the zone.
- For any default of service performance a penalty of amount equivalent or not more than to the O&M cost of the specific machine and the length of the default area (at the rate accepted by CLIENT) shall be deducted /charged from the running bills. The details of the events of default and the exact rate of penalties shall be as specified in tender terms.
- As regards servicing routine and scheduled maintenance of the each machine, the same shall be carried out by the successful bidder through their maintenance staff preferably on Sundays in rotation/or as per CLIENT'S instructions and prior schedule.
- The operator shall utilize its own workshop facilities at their own cost to carry out routine & breakdown maintenance activities. The repairs & maintenance shall be carried out, as per the practice prescribed by manufacturer.
- The operator shall carry out break down and accidental maintenance of

machines, through own field maintenance staff and other in-house staff as and when required.

- The CLIENT has the right to charge the contractor for any damage caused to its assets and the same shall be recovered from the contractor with immediate effect.
- Operator has to keep enough spare/stand by units for preventive and breakdown maintenance of all the equipment as per the unit/equipment manufacturer's guideline for smooth and uninterrupted working of the unit.
- The Contractor will ensure that the waste materials stored in the close containers' vehicles are not dumped/emptied at any place other than the one specified by the CLIENT. Disposal of waste in any other area will be termed as Deficiency of Service and CLIENT reserves the rights to charge penalty as well as terminate the Contract for Deficiency of Service.
- The shift of one machine is for 8-hours/day (i.e. 313-shift/year/machine). However, if required machine shall work for maximum 3-shift per day i.e. having more than 1-shift shall be limited to 313-nos shift/machine/year for that additional shift VMSS will pay the approved rate accordingly.

IMPORTANT NOTE:

- 1) The Contractor shall not reassign the work under the contract to any other party without prior written approval of the RMC, the contractor shall employ all required staff including supervisor, mechanic, helper, skilled and unskilled labors, drivers etc. required for such services. Contractor shall comply with all safety rules and regulations and all inter disciplinary measures as followed by the RMC.
- 2) The RMC shall not be responsible for any accident Injury to the staff of the contractor. It is Contractor's responsibly to take Insurance of his employee, medical facility, work compensation etc. as per workman compensation act & all other relevant laws. Further he RMC will not provide any insurance, medical facility, workman compensation, etc. to contractor's employees.
- 3) Due to strike by contractor's employees the O&M of De-silting Machine must not be Affected & and the property of RMC should not be damaged. In such case any dispute/discrepancy occurs the decision of RMC Officer's will be final and will be binding to the contractor. Also, if any expense is required to be made on this account by RMC, it will be deducted from Contractor's bill/SD.
- 4) All Central/State Government/Semi-Government/Local Body's Flues and Regulations pertaining to this contract shall be strictly followed and observed by the contractor without any extra cost to the RMC.
- 5) The duration of the contract shall be for 5 (Five) years from the start date as mentioned in work order. However, RMC reserves the right to extend the contract duration for further 1 year from the end date of contract.
- 6) All these works shall be done as per standard practices, labour, factory, electrical, GPCB, and all other old and new law and order, Indian standards ex. as applied by Local, State and Central Govt. of India.

- 7) The Contractor shall have to take valid Labour license & any other relevant license from statutory bodies as required for this type of contract. Necessary documents shall be submitted by contractor
- 8) Successful bidder will have to follow all the provisions of, Labor laws P.F. Act, E.S.I. Act, Minimum Wages Act etc, & have to incorporate changes made if any during contract period also.
- 9) Contractor will have to strictly follow the provisions of Factory Act 1948 (if required), Employees Provident Fund other Industrial & Labour Laws with latest amendments done by Govt. of India. Related to this Operation Maintenance Work & will have to inform accordingly to the Department.
- 10) Contractor will not be given any relaxation regarding these provisions. Upon failure of the Contractor to comply with any Instruction given in Accordance with the provisions of this contract, the RMC has the alternative right, instead of assuming charge of entire work, to place additional labour, force tools, equipments and, materials on such part of Work as the RMC may designate or also engage another Contractor to carry out the work. In such cases, the RMC shall deduct from the amount which otherwise becomes due to the Contractor, the cost of such a work and materials with 10% added to overall departmental charges and should the total amount there off Exceed the Amount due to the Contractor, The Contractor Should Pay to RMC.

CONTRACT PERIOD:-

The successful tendered on award of contract shall have to commence the O& M work within 120 (One Hundred Twenty) Working days from the date of work order. The Contract will be for a period of five years from the start date of implanting Skimmer Cum Weed Removal for O&M work. The same can be extended for a further period of 1 (one) year by the RMC.

CONTRACT PRICE:-

For O & M Contract price will be as per the bid in the Price Bid and will be inclusive of all expenses necessary for the continuance of the comprehensive O & M services.

O & M Contract price inclusive of all such expenses included Vehicle, RTO/Full Insurance of vehicle & Labour, Labour Authorities, Local and Municipal Authorities. Semi Govt., or any charges, deposits, dues, taxes, oil, Fuel, lubricants, GPS System, levies, toll taxes, etc., connected with the service. The all-inclusive rate should be filled up in price bid column.

The O & M Contract Price shall be variable during entire contract period of 5 (Five) Years, 5% increase of awarded contract value will be given at the end of every 12 months during the entire contract period.

Deputy Commissioner
RAJKOT MUNICIPAL CORPORATION

Sign of e-Tenderer.

OPERATING SCHEDULE FOR SKIMMER MACHINE

SR. NO.	TIMING	PARTICULARS
1	8.00 A.M. To 8-45 A.M.	Reporting To Concern Authority
		Minor maintenance and cleaning etc of Skimmer machine
		Travelling time from Parking Place to respective Cleaning Area
2	9-00 A.M.	Reporting at Respective Area for Cleaning
3	9-00 A.M. To 6-00 P.M.	Operating hour as per instructions of concerned RMC official/DEE Auto (08 working hours & 01 hour Recess)
4	6-00 P.M. To 6-15 P.M.	Travelling time from respective Area to parking Slot .

Sign of e-Tenderer.

SCHEDULE – C

Name of work:- Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) - 1 No. for Weed Removal from various Water ways of Lakes/River in Rajkot for Period of Five (05) Years

Details of existing manpower (Driver/Skilled labour/Unskilled Labour) available with the contractor

Sr. No.	Name of Skilled / Unskilled personnel	Educational Qualifications	Years of experience	Age

Sign of e-Tenderer.

CHAPTER - 6
DATA SHEET

IT IS MANDATORY TO FILL ALL THE DATA SHEETS BY E-TENDERER

:: 1. QUALIFICATION DATA SHEET ::

Sr No	Details	Action	Reply (Yes/No)
1	Experience e Certificated As per Tender Requirements	Attached copy of work order and completion certificate in hard copy.	
2	All Finical Documents Needed as per Tender	Attached copy of C.A. audited Balance Sheet of last 10 (ten) financial years. Attached certificate of C.A. and hard copy submitted.	
3		Attached in hard copies of certificates.	
4	The Bidder must have to submit affidavit over Non judicial stamp paper of Rs. 300 for A) He should not be black listed anywhere in India. B) Document submitted by him are correct and genuine in every manner.	Attached Declaration on stamp paper of Rs.300/-duly Notarized	
5	Minimum solvency required Rs.75.00 lacs of any Scheduled or Nationalized Bank of Not Older than 12 month From date of tender published Tender	Attached certificates in hard copy.	
6	The manufacturer shall have a full fledged workshop with all equipments, machineries and manpower.	Attached certificates/Data in hard copy.	

Sign of e-Tenderer.

:: 2. DETAILS OF TENDERER DATA SHEET ::

Note :- Agency must Have to Attached Data Sheet of Skimmer machine /Aquatic Weed harvester Machine Offered as per RMC Technical Parameter

Technical Data Sheet - Aquatic Weed Removal Machine Equipment

Description	Unit	Details to be furnished by Bidder
MODEL		
DIMENSIONS		
Shipping Dimensions	M x M x M	
Operating Dimensions	M x M x M	
Hull Dimensions (length & Beam)	M x M	
D R A F T		
Empty	M	
Fully Loaded	M	
No of compartments	No.	
CUTTING CAPACITY		
Width	M	
Depth	M	
STORAGE CAPACITY		
Storage Weight	Tons	
Storage Volume	Cum	
POWER PLANT		
Power Output	HP	
Fuel Tank Capacity	Ltrs	
Hydraulic Tank Capacity	Ltrs	
PROPULSION		
Paddle Wheel Size	Dia. (M) x Wide (M)	
HULL MATERIAL		
THICKNESS		
Main Hull	M	
Bow & Stern	M	
Deck	M	
Vessel Speed – Min	Km/hr	
Propulsion System	Type of driving force	
Total Weight (without storage capacity)	MT	
Total Weight (with storage capacity)	MT	
Main Barge Size		
Material of Barge		
Hydrostatic Pumps		
Hydraulic Tanks		
Fuel Tank		
Operating Dimensions (L x W x H)	:	
Shipping Dimension (L x W x H)	:	
Weight	:	
Barge (L x W x H)	:	

Barge Material	:	
Barge compartment	:	
Draft	:	
Operator console	:	
Operator cabin	:	
Engine	:	
Pumps	:	
Hydraulic tank	:	
Fuel tank	:	
Cutting width	:	
Cutting depth	:	
Storage capacity and weight	:	
Dioscharge system	:	
Propulsion	:	
Emission class	:	
Fuel consumption	:	
Electrics	:	
Maxi.sailing speed	:	
Crew	:	

Agency Contact Details

1	a	Name of Tenderer	
	b	Address of the office(s) and Factory	
	c	Date of incorporation and/or commencement of business	
2		Brief description of the Tenderer's main lines of business	
3		Details of individual(s) who will serve as the point of contact / communication for RMC with the tenderer	
	a	Name	
	b	Designation	
	c	Company / firm	
	d	Address	

	e	Telephone number	
	f	e-mail address	
	g	Fax number	
	h	Mobile number	
4		Name, Designation, Address and Phone Numbers of authorized signatory of the tenderer.	
	a	Name	
	b	Designation	
	c	Company / firm	
	d	Address	
	e	Telephone number	
	f	e-mail address	
	g	Fax number	
	h	Mobile number	

Sign of e-Tenderer.

:: Tender Bond Letter For Schedule ::

I/We _____ undersigned and

Sealed, address of bidder _____

_____.

To
The Municipal Commissioner
Rajkot Municipal Corporation
Rajkot.

Subject: Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) - 1 No. for Weed Removal from various Lakes/River in Rajkot for Period of Five (05) Years

E-Tender ID No.:- RMC/Central Workshop/ 04/2019-20

Dear Sir,

We hereby offer to supply the items listed in Tender Schedule.

Our quotations are shown on Price Schedule; We will provide the designated items (**Supply, Commissioning and Comprehensive Operation & Maintenance of Floating Trash skimmer and waste removal machine with weed cutting arrangement (Aquatic Weed Removal Machine) - 1 No. for Weed Removal from various Water ways of Lakes/River in Rajkot for Period of Five (05) Years**) and complete the contract work at the firm price quoted in full compliance with all the terms and conditions mentioned in the Tender document.

Very Truly Yours

Signature & Seal of Bidder.

Date:

Place: