

**Industrial Extension Bureau**



**Tender inviting quotation for**

**Annual Maintenance works of the Reverse Osmosis (RO) System  
of  
Mahatma Mandir Project,  
Gandhinagar, Gujarat**

**Tender No: 02/2017-18 (Mahatma Mandir)**

**Important Dates**

Downloading of the document	29.11.2017 to 15.12.2017 upto 16:00 hrs
Last date for submission of the quotation	15.12.2017 upto 16:00 hrs

	<b>INDUSTRIAL EXTENSION BUREAU</b> Block No. 18, 2 <sup>nd</sup> floor, Udyog Bhavan, GH-4 Sector - 11, Gandhinagar - 382 010 Phone: +91-79-2325 0492/93, Fax: 23250490 Email: <a href="mailto:indextb@indextb.com">indextb@indextb.com</a> Website: - <a href="http://www.indextb.com">www.indextb.com</a> , <a href="http://www.vibrantgujarat.com">www.vibrantgujarat.com</a>
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## **1. Industrial Extension Bureau (iNDEXTb)**

Industrial Extension Bureau (iNDEXTb) is a Government of Gujarat Organization, registered under the Societies Act 1856. The organization is under the Industries and Mines Department (IMD) of the Government of Gujarat (GoG).

iNDEXTb makes various efforts for promoting investment in infrastructure and industrial sector in the State of Gujarat and attracts various investors. On behalf of Government of Gujarat, iNDEXTb is the nodal organization for convention and exhibition centre with in Mahatma Mandir built at Gandhinagar.

## **2. Mahatma Mandir**

The Father of the Nation – Shri Mohandas Karamchand Gandhi, is also known with reverence as Mahatma. Gandhinagar – the Capital City of State of Gujarat –derives name from Father of the Nation. Since Gandhinagar did not have any major structure related to Mahatma Gandhi, it was considered to have a memorable and iconic complex build in the remembrance and homage to Mahatma Gandhi and is named as Mahatma Mandir.

The Convention Center having a large convention hall of 5000 person seating capacity is equipped state of the art audio-visual equipment. The facilities of international standards with all modern amenities, for organizing conventions and exhibitions are available within Mahatma Mandir.

The construction work for Convention and Exhibition Center was coordinated by Industries and Mines, Department, Government of Gujarat. iNDEXTb, under the Industries and Mines Department coordinated for construction of facilities for Convention and Exhibition at Mahatma Mandir.

The centralized 20m<sup>3</sup> R.O. system installation in the Service Building of Mahatma Mandir, which was installed as part of the EPC contract by the contractor M/s. Larsen and Toubro and was till today maintained under the contract. Since the period of contract is over, it is required to have contract for all in maintenance which includes but not limited to regular cleaning, repairs and maintenance of systems and its parts by engaging an agency having experience and eligibility as stipulated in this tender document.

Detail scope of work is as mentioned in chapter 3. Interested agencies are required to fill in the quotation in sealed cover on or before the last date of the submission as mentioned in Chapter No.2.

Tender No: 02/2017-18

Sealed quotation under two separate bid systems (technical and financial) are invited from bona fide, experienced and reputed manufactures, suppliers, authorized dealers, contractors, service providers of sound financial standing for the job given below:

<b>Name of Work</b>	Annual Maintenance works of the 20m <sup>3</sup> Reverse Osmosis (RO) System installed at Mahatma Mandir, Gandhinagar, Gujarat.
<b>Tender No.</b>	02/2017-18
<b>Tender Submission Cost</b>	Rs. 1000.00 (Rupees One Thousand only) By Demand Draft in favour of Industrial Extension Bureau, Gandhinagar
<b>EMD</b>	Rs. 25,000.00 (Rupees Twenty-five Thousand only) by Demand Draft in favour of Industrial Extension Bureau, Gandhinagar. EMD of successful bidder would be retained till the end of contract.
<b>Security Deposit</b>	Selected agency has to submit the security deposit of 10% of the 1 <sup>st</sup> year financial bid value for the duration of 16 calendar months. If the contract is further extended, accordingly, revised security deposit will be required to be deposited. Security Deposit should be submitted in the form of FD/DD in favour of iNDEXTb.
<b>Financial Bid</b>	The prospective bidder has to provide separate financial offer for each of the 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> year.
<b>Assignment Period</b>	Initially, the period is of one year for the work. However, INDEXTb has right to extend the assignment based on the performance on year to year basis.
<b>Issue of Tender</b>	The tender can be downloaded from organization's website ( <a href="http://www.indextb.com">www.indextb.com</a> ) and <a href="https://indextb.nprocure.com">https://indextb.nprocure.com</a> for online bid submission portal
<b>Submission of Tender</b>	Up to 4:00 PM on 15.12.2017.
<b>Pre-Bid Meeting</b>	On 08.12.2017 16:00hrs. at iNDEXTb office, Gandhinagar

<p><b>Opening of Tender</b></p>	<p><b>Part-1:</b> Technical bid (technical papers shall be opened on the same day <b>15.12.2017 at 4:05 pm</b> in the presence of authorized representatives of bidders attending the bid opening.</p> <p><b>Part-2</b> Financial bid may be opened on the same day.</p> <p>Price bid would be compare on the total rate quoted. Total rates for Comprehensive Annual Maintenance Contract for R.O. Plant of Mahatma Mandir. (Taxes as applicable would be consider separately)</p>
<p><b>Contact Persons (For Any Clarifications)</b></p>	<p>1 Engineer In-Charge (Mahatma Mandir) Email: <a href="mailto:mmcell2017@gmail.com">mmcell2017@gmail.com</a> Mo.:+91 8320472499</p> <p>2 General Manager (MM) Email : <a href="mailto:kalpesh@indextb.com">kalpesh@indextb.com</a> Mo.:+91 9879098440</p> <p>3 Managing Director, iNDEXTb Email : <a href="mailto:md@indextb.com">md@indextb.com</a> Contact numbers : Tel : +91-79-23250492/93. Fax : +91-79-23250490.</p>

**All-in-Maintenance Work Scope:**

Sr. No.	Description	Qty	Unit
1	<p>Carrying out All-in-maintenance of complete Reverse Osmosis (R.O.) System i.e from Bore-well to drinking water including sand filter, carbon filter, candles, pre-filters, internal pipe lines, membranes, pumps, and other appliances of the system to give regular drinking water throughout the contract period.</p> <p>Work includes</p> <ul style="list-style-type: none"> <li>• Cleaning of membranes by branded &amp; approved anti-scaling &amp; Cleaning Chemicals – 06 times during the year and as and when required.</li> <li>• All required bed materials of different sizes for sand filter size 1400 mm dia. and 2650 mm has to be replaced from existing vessel.</li> <li>• Required quantity of activated carbon of 900 IV for Carbon Filter Size 1400 mm dia. and 2650 mm has to be replaced from existing vessel</li> <li>• RO system trouble shooting – as and when called for.</li> <li>• Drinking waterline cleaning – 02 times during the contract period.</li> <li>• Replacement of cartridges – 02 times during the contract period.</li> <li>• Membranes – once during contract period (if extended for 2<sup>nd</sup> and 3<sup>rd</sup> year, replacement is not required if the life of membranes last for three years.</li> </ul>	01	JOB

1. During every service of RO system, the quality of treated water should be checked with the help of required gadgets. Further the quality of the water should also be checked regularly for TDS and other minerals and a report of the same should be provided on regular/quarterly basis as may be directed by the Engineer in-charge and the treated water should be as per the required norms.
2. You are required to keep RO system in working and in healthy conditions throughout in operation

3. Above all and other such activities related to this work to be carried out through expert manpower regularly, in addition to maintenance of the system. All calls you have to attend immediately. The checking of the RO system as and when required to be attended and you shall have to depute manpower during any critical and sensitive functions held in that place and will be informed for the same.
4. All tools, tackles, gadgets, measuring and monitoring devices to execute the contract are in the scope of the contractor. The contractor should ensure that tools are in healthy condition. All consumable items i.e. cloth, cotton waste, kerosene oil, gases would be in the scope of the contractor. Consumable, all spares, material require for maintenance/repairing to be brought by contractor and should be of approved brands by iNDEXTb and duly certified by Engineer In-charge
5. The contractor shall have to keep all records regarding the maintenance/repairing activity carried out under contract and should submit an original copy of the report duly signed and stamped by your authorized person to iNDEXTb representative along with the quarterly bills.
6. In case of breakdown of equipment, the contractor should work round the clock for putting back the equipment in services immediately or within short time. In case of any emergency arising during night hours the contractor should be in a position to mobilize the manpower immediately within minimum time.
7. Arrangement for lighting at the time of repairing /brake down of system has to be made by the contractor. He has to arrange all lighting equipment such as power cable, hand lamps. The contractor has to take prior approval for taking electrical power supply.
8. Terms of termination of contract: - On regular deviation/default in compliance of safety norms and safety rules, iNDEXTb/Mahatma Mandir management may take strict actions on contractor which may include holding of payment, impose of penalty, and even termination of contract.

The work duration initially is for a period of 12 calendar months and has to be carried out periodically as well as on call basis as directed by Engineer in Charge. Based on the performance, the assignment can be further extended to two more years on yearly appraisal basis.

Payment will be made **quarterly** as per the Government terms after satisfactory performance of maintenance activities at Mahatma Mandir, Gandhinagar.



The terms and conditions are as follows:

1. The bidder must be in the business of providing services like Repair and servicing works of the RO System for last 5 (five) years as on **30.09.2017**.
2. Certificate of incorporation of the firm and/or any other document which establishes you being in the business of repair and servicing works of the RO System for last five years as on the above date should be submitted in the technical bid envelop.
3. **The bidder should have work experience of maintaining of RO plants in any of the last three years as on 30.09.2017 for following capacity in single year**
  - 1-plant of 16m<sup>3</sup> or
  - 2-plant of 12m<sup>3</sup> or
  - 3-plant of 8m<sup>3</sup>
4. Work order and work completion certificate copies should be submitted along with the tender for reference/verification purpose.
5. Copies of registration with following authorities should be submitted in the technical papers.
6. Income Tax Authority – PAN CARD
7. Other Tax Authorities – Service Tax, GST Registration (if applicable), Shop and Establishment Registration, etc.
8. The average annual turnover for the last five years as on **31.03.2017** should be of one crore and not less than 50 lacs in any of the last three years.
9. Preference will be given to the bidders having experience in working with the Government Organizations/Departments; however, this is not mandatory.
10. Chemicals to be used in R.O. plant as anti-scaling and for cleaning should be of the approved make of membrane manufacturers namely DOW and Hyrdonautics.
11. Letter to this effect should be invariably be attached.
12. Membrane to be used, are of Dow and Hydronautics make only.
13. The bid is non-transferable.
14. Conditional bids are liable for rejection.
15. The Bidder shall bear all the costs associated with the preparation and submission of its bid, and iNDEXTb will in no case be responsible or liable for these costs, regardless of conduct or outcome of bidding process.

16. Bidder must submit the copy of the tender signed on all the papers.
17. Bidder has to submit the authorization letter.
18. The bidder has to submit the compliance letter on its letter head duly signed by the authorized signatory and other supporting documents as may be required. Failing to submit the same or noncompliance/deviation from any bid terms and conditions, eligibility criteria or technical specifications may result in rejection of the bid.
19. Contractor shall have to submit solvency certificate for 20% of the quoted tender value.
20. Prospective bidders meeting eligibility criteria are encouraged to visit the site and acquaint themselves with the RO system installed at Mahatma Mandir and the quantum of work to be carried out as part of this tender document, before filling and submitting the bid. For visit, the prospective bidders may contact on the contact details provided in Chapter number 3.
21. The Bidder has to examine all instructions, forms, terms, conditions and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.
22. **Amendment of Bidding Documents (Corrigendum)** – At any time prior to the deadline for submission of bids, iNDEXTb may, for any reason, whether its own initiative or in response to the clarification request by a prospective bidder, modify the bidding documents.
23. The corrigendum will be published on website [www.indextb.com](http://www.indextb.com) and <https://indextb.nprocure.com> (online portal)
24. In order to allow prospective bidders reasonable time to take into consideration the amendments while preparing their bids iNDEXTb, at its discretion, may extend the deadline for the submission of bids.
25. Bid Currency – Prices shall be quoted in Indian Rupees only. The rates should be written both in figures and in words. In case of any difference between rates in figures and words, the rates in words will prevail.
26. The Bidder will have to remit **Non-refundable Tender Fees and Earnest Money Deposit (E.M.D.)** on or before the date and hours of opening of the bids in a sealed cover at iNDEXTb office with the heading **“Bid Processing fees and EMD for providing work related to servicing and repairs of Reverse Osmosis System at Mahatma Mandir.**
27. Bid Processing fees and E.M.D. must be in the form of Demand Draft in favour of “Industrial Extension Bureau.” payable at Gandhinagar along with the covering letter. **Please affix the stamp of your company on the overleaf of demand draft.**
28. In case of non-receipt of Tender fees and EMD as mentioned above within prescribed time the bid will be rejected by iNDEXTb as non-responsive.

29. Unsuccessful bidder's E.M.D. will be returned as promptly as possible.
30. In exceptional circumstances, INDEXTb may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. A Bidder may refuse the request without forfeiting its E.M.D. A Bidder granting the request will not be permitted to modify its bid.
31. The successful Bidder's E.M.D. will be returned upon successfully completing the work within the time limit at Mahatma Mandir.
32. The E.M.D. may be forfeited:
  - a. If a Bidder withdraws its bid during the period of bid validity.
  - b. In case of a successful Bidder, if the Bidder fails:
    - i. To sign the Contract as mentioned above or
    - ii. If the bidder is found to be involved in fraudulent practices.
33. Termination for Default
  - a. The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Bidder, terminate the Contract in whole or part:
    - i. if the bidder fails to deliver any or all of the Goods within 20 working days from the date of purchase order, or within any extension thereof granted by the Purchaser or
    - ii. if the Bidder fails to perform any obligation(s) under the Contract/ Purchase order.
    - iii. If the Bidder, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in winning the bid.
  - b. For the purpose of this clause:
    - i. "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value of influence the action of a public official in the procurement process or in contract execution.
    - ii. "Fraudulent practice: a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the purchaser of the benefits of free and open competition;"
34. In the event the Purchaser terminates the purchase order/process in whole or in part, pursuant to Clause above, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Bidder shall be liable to the Purchaser for any excess costs for such similar Goods or Services.

However, the Bidder shall continue the performance of the Contract to the extent not terminated.

35. Price shall be quoted as mentioned in Performa Fin -1 of this tender.
36. The bidder is expected to quote rate for each item after careful analysis of the cost involved for the execution and performance of each item considering all the conditions of contract and the specifications. In case it is noticed that the rates quoted by the bidder for any item are unusually high or low it will be sufficient cause for the rejection of the tender unless engineer in charge / officials of iNDEXTb are/is convinced about the reasonableness of the rates on scrutiny of the analysis for such rates to be furnished by the bidder on demand.
37. Late Bids – The bidder will not be able to submit the bid after final submission date and time.
38. Modification and Withdrawal of Bids
  - a. No bids will be allowed to be modified subsequent to the final submission of bids.
  - b. No bid will be allowed to be withdrawn in the interval between the deadline for submission of bids and the expiry of the bid validity. Withdrawal of a bid during this interval will result in the forfeiture of bidder's E.M.D.
  - c. No escalation in price / rates will be allowed the offer is submitted / accepted.
39. The Bidder's names, Bid modifications or withdrawals, discounts and the presence or absence of relevant E.M.D. and such other details as iNDEXTb officer(s) at their discretion, may consider appropriate, will be announced at the opening.
40. **Evaluation of the bids:** After the closing time of submission, iNDEXTb Officers/committee will verify the submission of Tender Fees and EMD as per terms and conditions. The financial bid of the technically qualified bidders will be opened and bidder with lowest quotation will be called for further negotiations if required.
41. Bids shall be valid for 90 days after the date of financial bid opening. A bid valid for a shorter period shall be rejected as non-responsive. **If required, iNDEXTb may extend the bid validity for further period from the date of expiry of bid validity in consultation with the successful bidder.**
42. Penalty Clause

If the bidder fails to complete the work within 10 working days of the issue of the confirmed work order, then a sum equivalent to one percent (1%) of the total contract value shall be deducted from the payment for each calendar day of delay or part thereof.
43. Delay in excess of 10 days will be sufficient to cause for termination of the contract. In that case the EMD of the bidder will be forfeited.

44. In case of any damage of equipment/machinery due to negligence of contractor or any other reasons attributed to contractor the decision of Engineer in Charge regarding the amount of recovery shall be final and binding. However the amount shall be restricted to 10% of contract value. Recovery will be affected from the quarterly bills and/or security deposit.
45. During any major program like Vibrant Gujarat Summit if system is not operational then penalty at 10% from the annual contract will also be deducted. However the cause is liable to deduction will be decided by MD, iNDEXTb
46. In case, the selected bidder does not start the work for any reason, the bidder will be liable to pay the difference amount to iNDEXTb, over and above the EMD, which iNDEXTb has to pay to the next or other selected bidder for providing the said services.
47. **Payment:** Payment for Goods and Services shall be made by the Indenting to iNDEXTb in Indian Rupees. No advance payment will be made. Rest as mentioned in the chapter titled "Project Schedule and Payment Terms"
48. iNDEXTb reserves the right to change any bid condition of any item even after inviting the bids, with/without prior notification.
49. iNDEXTb's Right to accept any Bid and to reject any or all Bids – iNDEXTb reserve the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to awarding the Contracts, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for such decision.
50. All correction/addition/deletion shall require authorized countersign.
51. Force Majeure Shall mean and be limited to the following:
52. War/hostilities.
53. Riot or Civil commotion.
54. Earthquake, flood, tempest, lightening or other natural physical disaster.
55. Restrictions imposed by the Government or other statutory bodies which prevents or delays the execution of the order by the BIDDER.
56. The BIDDER shall advise iNDEXTb by a registered letter duly certified by the local statutory authorities, the beginning and end of the above causes of delay within seven (7) days of the occurrence and cessation of such Force Majeure Conditions. In the event of delay lasting over two months, if arising out of causes of Force Majeure, iNDEXTb reserves the right to cancel the order.
57. Completion period may be extended to circumstances relating to Force Majeure by the iNDEXTb. Bidder shall not claim any further extension for

completion of work. iNDEXTb shall not be liable to pay extra costs under any conditions.

58. The BIDDER shall categorically specify the extent of Force Majeure conditions prevalent in their works at the time of submitting their bid and whether the same have been taken in to consideration or not in their quotations. In the event of any Force Majeure cause, the BIDDER shall not be liable for delays in performing their obligations under this order and the delivery dates can be extended to the BIDDER without being subject to price reduction for delayed delivered, as stated elsewhere.
59. It will be prerogative of iNDEXTb to take the decision on force majeure conditions and iNDEXTb decision will be binding to the bidder.

Submission of Bids:

60. There shall be 3 sealed envelopes in the sealed main cover with the heading "Bid for Repair and servicing works of the Reverse Osmosis System (RO System) for Mahatma Mandir Project, Gandhinagar, Gujarat
61. A first separate envelop with the heading "Bid processing Fees and EMD for Tender for Repair and servicing works of the RO System for Mahatma Mandir Project.
62. The second envelope marked as **Technical bid**.
63. The Third envelope marked as financial bid with heading "**Financial Bid**".
64. Proposals should reach the below mentioned address only by speed post, courier, registered post or by hand delivery at registry branch of iNDEXTb on below mentioned address.
65. iNDEXTb will not be responsible for any delay in submission due to delay in post, courier, or hand delivery.
66. Proposals after due time period will not be accepted. The proposal should reach us at the address:

*Managing Director  
Industrial Extension Bureau  
Block-18, 2<sup>nd</sup> Floor,  
Udhyog Bhavan,  
Gandhinagar – 382011.  
Gujarat, India.*

*Phone: +91-79-232 50492 /93  
Fax : +91-79-232 50490*

67. The bidding process may be annulled at any stage of the bidding process no mater after opening of Financial bid
68. The contract will be normally valid for a period of ONE YEAR and further extendable to two more calendar year. However, iNDEXTb reserves the right to terminate the contract at any time without assigning any reason for such termination iNDEXTb also reserve the right to extend the contract if necessary.

69. The contractor shall provide to iNDEXTb the names and addresses and photographs of the persons to be engaged for above work in the advance in the prescribed Performa for security clearance, the contractor shall not employ any person other than those specifically cleared by iNDEXTb from the security angle. Please furnish the name of the persons and police verification.
70. The contractor shall be responsible for the proper behavior of the persons employed by him and deputed for the work / service under the contract. The contractor will also be responsible for any damage to the property of iNDEXTb as a result of negligence by the worker. Any such damage or loss will be made good by the contractor, or will be recovered from the contractor.
71. If regular work and or repairs due to damages are not have been carry out satisfactorily in any of the areas, apart from the making proportionate deduction for the amount of work not carried out by the contractor a penalty or Rs.500/- per day will be imposed where the work has not been carried out satisfactorily.
72. In case the contractor fails to carry out the work satisfactorily apart from the right to terminate the contractor the iNDEXTb reserves the right to get the work done at the risk and cost of the contractor.
73. In case of any dispute between Engineer in charge and the contractor the decision of the Managing Director, iNDEXTb shall be final and binding to both the parties.
74. Contractor shall be bound to follow minimum wages rules as prescribed by the state government. The contractor shall be responsible for fulfilling all the statutory requirements and the statutory provision which are applicable in such contracts.
75. iNDEXTb will not to be responsible for any damages injury or for any other contingency to the contractor and its workforce.
76. The work involved is unskilled/skilled type. Hence the contractor shall meet personnel/staff insured in cause of accident etc. during working period. Mahatma Mandir will not be responsible for any injury, accident etc. occurred while performing duty at Mahatma Mandir and the entire responsibility of insurance, compensation etc. to workers/staff will lie on contractors.
77. The supervisor of the contractor along with their workers should be report to engineer in-charge of Mahatma Mandir for taking instruction and carry out the work daily.
78. The areas of works as shown in tender/abstract are located.
79. Only those persons who must have attended the age of 18years and above should be engaged for works
80. iNDEXTb / Mahatma Mandir retains the option to extend the contract beyond 1 year, if required

81. A lump sum amount of 10% of the total work order value will have to be furnished as security deposit to insure from regular supply of labors and also compensate for any damages loss that may be caused by the bidder. The security deposit will be releases after 30 days from the settlement and payment of final bill.
82. The Client shall have right to reduce the scope of work and the effect proportionate reduction in contract
83. The payment in respect of above contract shall be made at the end of every quarter. The contractor shall submit their bills quarterly along with the record of the activities carried out towards its obligation under the contract / work order.
84. Police verification report in respect of Contractor and supervisor should be produced, if the contract is awarded.
85. **WORKMEN'S COMPENSATION INSURANCE:** The contractor shall take all risk Insurance Policy to cover all his workmen, staff applicable under the Workmen Compensation Act 1923 or any amendment thereof also insurance cover for third party liability. The contractor shall keep **iNDEXTb / Mahatma Mandir** indemnified from all liabilities arising out of his action in pursuance of this contract. The W. C. Policy should be obtained from Gandhinagar Jurisdiction.



Following is the list of major equipment related to the system. The list is not exhaustive and is indicative to facilitate the bidders in preparation of the bid. However, the bidders are encouraged to visit the site before submitting the bid.

<b>SR. no.</b>	<b>Description of Ro Plant Equipments</b>	<b>Qty in Nos.</b>
1	PSF Tank (Pressurized Sand Filter) Size : 1400 Dia X 2650 Ht.	1
2	ACF Tank (Activated Carbon Filter ) Size : 1400 Dia X 2250 Ht.	1
3	Tank - Cartridge Filter - Size 15" Dia X 45" Height	1
4	Cartridge Filter Size : 2.5" Dia X 30" Height	22
5	Tank - RO plant - Size : 8.5" Dia X 42.5" Height	1
6	PVC tank - for Spectra guard - Capacity 100 ltr	1
7	PVC tank - RO plant - Capacity 5,000 ltr	1
8	SS pipes for Membrane size : 8" Dia X 209" length	4
9	Membrane (4 pipes X 5 nos membrane)	20
10	Rotometer Size : 6000 to 30000 LPH (25 M3/Hr)	2
11	Pressure Gauge range on HPP Pump Line 0-20 kg/cm <sup>2</sup>	1
12	Pressure Gauge range on PSF and ACF Line 0-7 kg/cm <sup>2</sup>	2
13	Spectra guard dosing pump (max o/p 4.0 LPH)	2
14	Raw water mono-block Pump (5 HP, 2880 rpm)	2
15	High pressure Pump (HPP) (25 HP, 2930 rpm)	2
16	RO line Circulation Pump (5 HP, 2880 rpm)	1
17	Cleaning/Flushing Pump (2 HP, 2880 rpm)	1

**Financial Proposal Submission Format**  
**(To Be Submitted on the Company Letter Head)**

[Location, Date]

To:

**Managing Director**

Industrial Extension Bureau (iNDEXTb)

Block No. 18, 2nd Floor,

Udyog Bhavan, Sector 11, Gandhinagar – 382011.

Dear Sir,

We / I, the undersigned, offer to provide the services **as mentioned in the scope of work in Chapter 3 of this** tender No 01/2017-18 for Annual Maintenance Works of R.O. System at Mahatma Mandir and our rates are as under:

**All-in-Maintenance Work (for 1<sup>st</sup> Year):**  
**PART-I**

Sr. No.	Description	Qty	Unit	Rate (in words and figures both)	Total Amount (Rs.)
1	<p>Carrying out all in maintenance of complete Reverse Osmosis (R.O.) System i.e from bore-well to drinking water including sand filter, carbon filter, candles, pre-filters, internal pipe lines, membranes, pumps, and other appliances of the system to give regular drinking water throughout the contract period.</p> <p>Work includes</p> <ul style="list-style-type: none"> <li>• Cleaning of membranes by approved anti-scaling &amp; Cleaning Chemicals – 06 times during the year and as and when required.</li> <li>• All required bed materials of different sizes for sand filter size 1400 mm dia and 2650 mm has to be replaced from existing vessel.</li> <li>• Required quantity of activated carbon of 900 IV for Carbon Filter Size 1400 mm dia and</li> </ul>	01	JOB		

	2650 mm has to be replaced from existing vessel <ul style="list-style-type: none"> <li>• RO system trouble shooting – as and when called for</li> <li>• Drinking waterline cleaning – 02 times during the contract period</li> <li>• Replacement of cartridges – 02 times during the contract period</li> <li>• Membranes – once during contract period</li> </ul>				
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- Total amount for the 2<sup>nd</sup> Year of extension (in Rs.): \_\_\_\_\_
- Total Amount for the 3<sup>rd</sup> year of extension (in Rs.): \_\_\_\_\_

## PART-II

**Following Rates for related services will not be considered for evaluation but can be considered for future requirement and should be valid for one year period from the date of work order.**

Pump Set Items		
Sr. No.	Item Description	Rate/unit
<b>01</b>	Mono-Block Pump (5 HP, 2880 rpm)	
01	A Re-winding of Motor	
01	B Bearing of Pump sets (SKF/FAG/equi.)	
01	C O-rings & Seals of pump sets	
<b>02</b>	High Pressure Pump (HPP) (25 HP, 2930 rpm)	
02	A Re-winding of Motor	
02	B Bearing of Pump sets (SKF/FAG/equi.)	
02	C O-rings & Seals of pump sets	

<b>Sr. No.</b>	<b>Item Description</b>	<b>Rate/unit</b>
<b>03</b>	RO line Circulation Pump (5 HP, 2880 rpm)	
03	A Re-winding of Motor	
03	B Bearing of Pump sets (SKF/FAG/equi.)	
03	C O-rings & Seals of pump sets	
<b>Electrical Panel Items</b>		
<b>Sr. No.</b>	<b>Item Description</b>	<b>Rate/unit</b>
01	Contactor 40A (Siemens/Schneider/BCH/equi.)	
02	Contactor 32A (Siemens/Schneider/BCH/equi.)	
03	20-32 O/L Relay (Siemens/Schneider/BCH/equi.)	
04	7-10 O/L Relay (Siemens/Schneider/BCH/equi.)	
05	63A MCB 3-pole (Siemens/Schneider/BCH/equi.)	
06	16A MCB 3-pole (Siemens/Schneider/BCH/equi.)	

**Applicable Taxes and Duties: Quote should be exclusive of applicable taxes.**

We agree that the EMD amount submitted by us would be retained till the satisfactory performance of maintenance activities of the system and separate security deposit would be submitted as mentioned in the tender document prior to the award of the contract.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. 90 calendar days from the last date of submission of this Proposal. The payment terms mentioned in the referred tender for the work are also acceptable to us.

We understand you are not bound to accept any Proposal you receive.

Thanking You.

Yours Sincerely,

Authorized Signature [In full and initials]: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Firm: \_\_\_\_\_

Address:  
\_\_\_\_\_  
\_\_\_\_\_