



**Bharat Petroleum Corporation Ltd.**  
**(A Government of India Undertaking)**

Technology Department,  
Refinery, Mahul,  
Mumbai - 400 074.  
Phone: 91-22-25543171/25543192  
Fax: 91-22-25545796

***Global Invitation for Prequalification of prospective Vendors for Supply of Desalinated Water on BOT / BOOT basis***

BPCL (Refinery), Mahul, Mumbai-400 074, India invites Prequalification documents from technically and financially competent Foreign / Local Firms , Consortiums, Joint Ventures of repute for the establishment of Seawater Desalination Plants facilities for supplying water @ 1000 m<sup>3</sup>/hr minimum of raw water quality based on Reverse Osmosis (RO) Technology in the vicinity of Refinery.

Firms / Consortium / Joint Ventures with track record in the field of construction / establishment of Desalination Plants based on RO Technology shall submit their Prequalification Documents for supply of Design, Build, Finance, Operate, Maintain and Transfer of desalinated water on BOT/BOOT basis.

Vendor's PQ document containing all information & supporting documents as per Vendor Information Format in Annexure I and Specific Information Requirements in Annexure II should be submitted in a sealed envelope clearly Superscribing "Prequalification documents for Suppliers for Desalinated Water " to the office of **D.G.M (Technology) , Bharat Petroleum Corporation Ltd, Refinery, Mahul, Mumbai 400074 latest by 15.10.2005**

The Main tender document for setting up Desalination Plant shall be issued on limited tender basis to the "prequalified Vendors only". BPCL reserves the right to reject any or all PQ documents at their sole discretion without assigning any reason whatsoever. BPCL reserves the right to decide on the number of Vendors to which the Main Bidding document is to be issued.

The Vendors who are already enlisted with BPCL for other categories should also apply.

BPCL, at its discretion reserves the right to verify information submitted and inspect the manufacturer facilities to confirm their capabilities.

BPCL decision on any matter regarding short listing of Vendors shall be final and applicant shall not enter into any correspondence with BPCL unless asked for.

**Place : Mumbai**  
**Date: 23.09.2005**

**D.G.M (Technology)**  
**Bharat Petroleum Corporation Ltd ( R )**



### VENDOR INFORMATION FORMAT

|   |   |                            |  |
|---|---|----------------------------|--|
| 1 | Name of the Company   | :                          |  |
| 2 | Postal Address (Office)<br><b>Telephone No : Office</b><br>Fax No. : Office<br>Contact Person<br>Mobile No<br>E-mail  | :<br>:<br>:<br>:<br>:<br>: |  |
| 3 | Name of Mumbai / India Representative (if any)<br>Address<br>Telephone/Telex/Fax No<br>Fax No.<br>Mobile No<br>E-mail | :<br>:<br>:<br>:<br>:<br>: |  |
| 4 | Names of Partners / Directors / Executives  | :                          |  |
| 5 | Partnership deed / Article of Association or Memorandum of Association (Attach Xerox copies)                          | :                          |  |
| 6 | Year of Establishment & Establishment Certificate (Attach Xerox copies)   | :                          |  |
| 7 | Type of works / trade   | :                          |  |
| 8 | a) List of Clients (Attach list preferably indicating supplies made to Hydrocarbon and Chemical Process Industries)   | :                          |  |
|   | b) Purchase Order of Clients (Attach Xerox copies)  | :                          |  |
| 9 | Details of approvals and registration with other companies (Attach Xerox copies)                                      | :                          |  |

|    |  |                                 |          |
|----|--|---------------------------------|----------|
| 10 | Maximum value of single work order which has been completed (PO copy and performance report of the same to be submitted)   |                                 |          |
| 11 | a. Minimum value of contract you are interested in<br><br>Maximum value of contract you can undertake  |                                 |          |
| 12 | Investment - Initial<br>Present  | :<br>:                          |          |
| 13 | Personnel Employed:<br>Engineers<br>Supervisors<br>Inspectors<br>Skilled Workers<br>Unskilled<br>Workers Office Staff<br>Total<br>Please attach biodata of Supervisors and Engineers | :<br>:<br>:<br>:<br>:<br>:<br>: |          |
| 14 | Submit the copy of following documents :<br><br>• Safety assurance plan<br><br>• Quality assurance plan<br><br>Provide data on safety records / accident statistics for past 3 years |                                 |          |
| 15 | Whether registered under SSI / NSIC (Attach Xerox copy)  | :                               |          |
| 16 | List of Machineries (including production equipment installed with capacity) (Attach list)   | :                               |          |
| 17 | Codes / Standards / Specifications to which products manufactured  | :                               |          |
| 18 | Sources of Raw Materials (Attach Xerox Copies of Purchase Orders)  | :                               |          |
| 19 | A] Whether ISO 9000 Certified (Attach Xerox Copy) (Also indicate if under process of certification)  | :                               |          |
|    | B] Are you certified for ISO 14000? If yes, please enclose a copy of the certificate.<br><br>Note: If the answer of the above question   | :                               | Yes / No |

|    |   |   |          |
|----|---|---|----------|
|    | is 'Yes', do not reply to the questions given below:  |   |          |
|    | a) Are you planning to implement any certified environmental management system? If yes, which and when.   | : | Yes / No |
|    | b) Do you have any environmental policy, if yes, Please enclose your policy.  | : | Yes / No |
|    | c) Have you performed an external or internal environmental audit? If yes, please send us information on the results.   | : | Yes / No |
|    | d) Do you have a program for continual environmental improvement? If yes, please send your program.   | : | Yes / No |
|    | f) Do you have an upto date environment impact assessment? If yes, please send us a copy. If no, please describe briefly what kind of environmental impacts your operation's cause. | : |          |
|    | g) Do you have procedures for handling of hazardous waste and spillage of harmful substances?   | : |          |
| 20 | Inspection & Quality Assurance  | : |          |
|    | a) Inspection / Testing of raw materials (state testing procedures adopted to check / confirm quality of raw material) (Attach relevant documents)                                  | : |          |
|    | b) Quality Control steps during Product Manufacture   | : |          |
|    | c) Inspection / Testing of finished products (Sampling method, type of tests carried out, frequency of tests & testing / certifying authority)                                      | : |          |
|    | d) Quality Assurance Plans  | : |          |
|    | e) System adopted for identification of finished goods vis-a-vis sources of raw materials   | : |          |

|    |  |   |  |
|----|--|---|--|
| 21 | <p>Testing Facilities</p> <ul style="list-style-type: none"> <li>-Non-destructive (NDT)</li> <li>-Destructive (DT)</li> <li>-Others</li> </ul>   | : |  |
| 22 | Approval by Third Party Inspection Agencies (Give names. Attach Xerox copies of approvals)   | : |  |
| 23 | <ul style="list-style-type: none"> <li>• Provident fund No (Documentary evidence required)</li> <li>• ESIC No. (Documentary evidence required)</li> <li>• Sales Tax Registration No (Documentary evidence required)</li> <li>• Registration No. under WCT Act alongwith full address of the sales tax assessing authority under whose jurisdiction the contractor falls (Documentary evidence required)</li> <li>• Service Tax Registration (Documentary evidence required)</li> <li>• Service Tax Return for last year (Documentary evidence required)</li> <li>• Excise Returns for last one year (Attach Xerox Copy)</li> </ul> |   |  |
| 24 | <p>a) Name of the Bankers</p> <p>b) Current year solvency certificate (Original or attested by issuing bank)</p>   | : |  |
| 25 | Income Tax Returns for last 3 years (Attach Xerox Copy)  | : |  |
| 26 | <p>a) Last Year's Turnover</p> <p>b) Last 3 Year's Balance Sheet with Auditor's note etc.</p> <p>c) Last 3 year's P &amp; L A/c.</p>   | : |  |
| 27 | Are your partners / directors related to any organisation, and if so, please furnish details.  |   |  |

|    |   |   |  |
|----|---|---|--|
| 28 | <p>a. Whether any partner is an ex-employee of our undertaking &amp; if so, give details.</p> <p>b. Whether you have under your employment dismissed Government servant / employee of BPCL.</p> |   |  |
| 29 | Whether you are connected with any other party already registered with us and if so, give details.  |   |  |
| 30 | Supporting Services from outside agencies (Give details)  | : |  |
| 31 | Details about litigation ( pending as well as settled ) if any  |   |  |
| 32 | Whether any of your partners / directors has been blacklisted, or removed from the approved list of contractors in any of the public sector undertaking.  |   |  |
| 33 | Any other special/relevant information  | : |  |

Place: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Designation: \_\_\_\_\_

**(all pages and enclosed documents shall be signed and stamped)**

**Specific Information to be provided by the vendors**

1. Process Description for the proposed system.
2. Process flow diagram, with major equipment list to be indicated by the vendor.
3. Power / Fuel source arrangement with local suppliers in case the offer is on BOT/BOOT basis.
4. Plot area required
5. Name of Firm / Consortium / Joint Ventures including the name of leading firm and indicating individual experience of each firm in supply of Desalination plant facilities.
6. List of clients to whom facilities on similar basis or any other basis has been provided. Vendor should have executed at least one plant in the last 5-years. Vendor shall have experience of supply of minimum 3 such plants, with at least one plant having capacity similar to that required or higher.
7. Firm shall indicate the list of clients for which it is operating the desalination facilities on BOT / Boot basis. Firm shall submit the certificate from the user indicating the compliance of raw water quality as per agreed required specifications, quality of inlet sea water to the desalination unit, cost of raw water paid by the user. Vendor to indicate whether the cost raw of water matches to that agreed at the project stage or has there been an escalation.
8. Registration with state, Local or any other international standard statutory body / organization (if any)
9. Order of Magnitude cost with an accuracy of + 30% for the Desalination plant facilities for the specified quality of inlet seawater. The cost shall include, cost of intake system, RO system, permeate / saline water transfer system, and other utility systems.
10. Order of magnitude Cost of Desalinated water made available to the client in Rs/M3 for BOT/BOOT basis.
11. If the Firm offers the desalination plant facilities other than BOT/BOOT basis, vendor to indicate the reasons thereof.
12. The firm offering Desalination unit on BOT/BOOT basis shall locate their unit in the vicinity of Refinery.
13. The firm is required to obtain necessary statutory clearances required from the authorities concerned for the said facilities wherever they are sited. Vendor to provide write-up on the approach that would be taken for setting up the Desalination facilities on BOT/BOOT basis.

14. The proposal shall be based on the following quality, for seawater, which shall be input to the desalination unit and outlet product raw water.

| Parameter              | Unit       | Sea Water   | Raw Water |
|------------------------|------------|-------------|-----------|
| Conductivity           | Micro mhos | 50000-60000 | 700-1500  |
| TDS                    | PPM        | 40000       | 500       |
| Silt Index             | SDI        | 20 max      | 0.5-1     |
| Total Suspended Solids | PPM        | 1000 max    | Nil       |

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**(All pages and enclosed documents shall be signed and stamped)**