TERMS & CONDITIONS
TENDER NO: 18/2019 DATED: 04-02-2020
FOR THE YEAR 2019-2020 & 2020-2021
FOR SUPPLY OF WATER TREATMENT CHEMICALS
FOR CENTRAL A/C PLANT & POWER GENERATION

i) Cost of Tender is Rs. 1000/- (Rupees One Thousand only) [Not refundable].
ii) Tender Selling Date from 13-01-2020 to 28-01-2020.
iii) Tender Submission Date 04-02-2020 before 11:30 a.m (in Procurement Department)
iv) Tender will be opened on 04-02-2020 at 12:00 Noon in Conference Hall / Nursing Hostel Building of NICVD, Karachi.

NOTE:
Read the Terms & Conditions carefully.
Tenderers are required to comply all the clauses mentioned in the Terms and Conditions of the tender and any deviation will forbid them in competing the tender.

1. In this tender TWO Envelopes procedure of SPPRA-2010 46(2, a) will be followed i.e. (i) The bid shall comprise two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal (ii) The envelopes shall be marked as “Financial Proposal” and “Technical Proposal” in bold and legible letters to avoid confusion each envelope should be dropped in separate box (iii) initially, only the envelope marked “Technical Proposal” shall be opened (iv) The financial proposals of bids will opened publicly, time date and venue will be announced later.

   a) In Technical Bid, the bidder must provide copy of pay order of Bid Security with hiding of amount shall be attached, original data sheet and technical brochure and all other documents; otherwise, the bid will be ignored. The technical evaluation will be done on the basis of data sheet provided by the vendor as per technical bid.
   
   b) In Financial Bid, the vendor should mention financial offer along with a Bank Draft/Pay Order of 1% value of the quoted item, in the name of Executive Director, NICVD, Karachi, as Bid security and it will not be released till complete supply of items of the tender. In case the tender is accepted by competent authority and the supplies are not made according to samples/specification within stipulated time (i.e. 20days) the bid security for the tender would be forfeited to the NICVD account. In case of default the firm may be black listed or financial penalties may be imposed depending upon the gravity of defaults/circumstances in each case as mentioned in Ministry of Health letter No. F.11.9/96-PHC of June 04, 1996. In-time supply must be assured

2. It is very important that tender will be accompanied samples of all quoted items. Any tender without sample will be disqualified and each sample serial number of item (mentioned in the tender list) must be written and submit to this Institute three days before tender opening date otherwise no tender will be accepted without sample.

3. It is also very important that a soft copy (CD) of the quoted typed items in M.S. word or M.S. Excel format must be provided for urgent processing of the tender.

4. The bidder will assure us for the policy of replacing the items.

5. Two SAMPLE TENDER PROFORMAS are being supplied with the list. Any items have to be quoted ON THIS PROFORMA OR TYPED ON SAME PATTERN. No other proforma for the tender would be accepted only those items may be typed on the proforma for which the rates to be quoted.

6. The disclosure of firm’s price at the time of opening of technical bid will result in the rejection of the bid.

7. No tender will be entertained without bid security, The bid security will be forfeited to Government Accounts in case of non-submission of security money within seven (7) days of receipt of the other letter.

8. No tender will be entertained without bid security. Conditional Tender (s) will not be accepted.

9. The previous bid security or security money will not be carried forward. If any tenderer encloses a cheque with the tender their tender will be rejected out rightly. In case it is found at tender opening or at later stage that pay order is fake tender/contract will be cancelled and firm will be black listed from future participation in tender security money will be forfeited and their name will also be circulated in other Fed. Govt./Semi Govt. Autonomous/Semi Autonomous Deptt. For severe action.
10. In case any tenderer after the tender is awarded, failed to deposit security money or refuses to execute the contract after tender awarding within the given period not only his bid security (pay order) or security money will be forfeited but the differences between the Ist & 2nd lowest will also be recovered from the Ist lowest tenderer by cancellation of his tender, failing which he will be black listed in future participation in tender. His name will also be circulated in Govt./Semi Govt. Autonomous/Semi Autonomous etc. for similar action.

11. Only well reputed contractors, firms, suppliers, manufacturers, distributors, sole agents can participate in the tender.

12. The rates once mentioned in tender will be final and no change therein will be accepted after the tender opening. Rates should be inclusive with sales tax on taxable articles. In case of any inconvenience the Executive Director NICVD Karachi reserves the right not to announce the tender rates or otherwise. If any scheme regarding discount in price or given any product free with the items whatever which benefit will go to this Institute.

13. The rate should be quoted on FOR Basis.

14. First Scrutiny of technical bids will be performed by the technical committee. Financial Bids of those firms will be opened which qualify technically.

15. The offered price must be as per the tender specifications.

16. The successful bidder will be required to submit security money in shape of pay order/ deposit at call @ 5% of the total value of order in the name of NICVD, Karachi within Seven (7) days which will be kept with NICVD till the end of the warranty period of two years.

17. Firm must provide complete details of their financial standing, listing of similar items supplied in Pakistan, bio-data of staff with training certificates/test equipment, details of local stock of spare parts for similar items and details of office with number of personals.

18. The vendor has to quote only one rate for each item as per tender specifications. No alternate will be accepted, only first offer will be considered. Hand written tenders or any over writing, cutting, erasing will liable to be ignored.

19. Bid validity period will remain for 90 days as per SPPRA rules 2010.

20. The bidder shall submit with the bid, an Undertaking on judicial paper, stating that the items to be supplied is brand new, free from defects in design material and workmanship. In case of winding up of his business, the supplier shall be bound to make an alternate arrangement of items. In case of default, depreciated cost of items will be recoverable from him.

21. Price escalation will not be allowed.

22. The original tender purchase receipt issued by the NICVD should be submitted along with Technical Bid.

23. If vendor doesn’t supply items in accordance with the supply order or fails to supply according to terms and conditions or incase of any other default, it will be black listed and the bid security will be forfeited.

24. The decision once taken will be final and will not be challenged in any court of law.

25. The payment will be made after getting the Satisfactory Report of the Incharge of Security Department.

26. Income tax will be deducted according to Government Rules. A Copy of income Tax and GST Registration Certificate should be submitted along with Technical Bid.

27. Conditional tender(s) and Hand written tender(s) will not be entertained.

28. The Vendor should submit a Data Sheet according to the Tender Specifications Format mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Feature can be mentioned separately.

29. The vendor should attach copy of last three year Income Tax return. Original copy should be provided on request.

30. The Executive Director NICVD reserves the right to reject or accept any / all tender(s) without assigning reason thereof and the decision of the competent Authority will be final.
31. Tender which does not fulfill the prescribed conditions in the tender is liable to be ignored.
32. The Executive Director, NICVD, Karachi, reserve the right to increase or decrease the quantity mentioned in the tender.
33. Certification that no Government servant has directly or indirectly has a share or interest with our firm.

I / We agreed above mentioned terms & conditions:

Note:
Only one representative of a firm who has been authorized will be present at the time of opening of tender.

Name of Contractor ______________________________ Signature______________
Full Address__________________________________________________________.

Contact person Name: ___________________________
CNIC #   ___________________________
Postal Address ___________________________
E-mail Address ___________________________
Stamp   ___________________________
Phone No.   ___________________________
Fax No.   ___________________________
Mobile No.   ___________________________

WITNESSES

1. ___________________________

2. ___________________________
# DATA SHEET

**TENDER NO. 18/2019 DATED 04-02-2020**
**FOR THE YEAR 2019-2020 & 2020-2021**
**SUPPLY OF WATER TREATMENT CHEMICALS**

<table>
<thead>
<tr>
<th>S.NO</th>
<th>A- MANDATORY</th>
<th>Tick relevant box</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name, Address, Tel, Fax #, E-mail Address</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>National tax Number (NTN)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Latest Income Tax Certificate or Income Tax exemption certificate.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Latest GST/SST Certificate or exemption certificate.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Name of Banker with Current Bank statement.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Copy of Bid Security (1% of Bid Value of the quoted items) As per clause no 1-b. (Original with commercial bid).</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>List of litigation with clients (if any) and nature of litigations.</td>
<td></td>
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<tr>
<td>8</td>
<td>Affidavit that the firm has never been black Listed.</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Detail of Registration with major organizations</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Original tender purchase receipt.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Original terms and conditions duly signed and stamped.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Each page should be signed and stamped by competent authority.</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Sample approval, if asked by authorities.</td>
<td></td>
</tr>
</tbody>
</table>
Bidders provide all following documents:

<table>
<thead>
<tr>
<th>S.NO</th>
<th>Descriptions</th>
<th>Total Points</th>
<th>Yes</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Financial turnover shall be Rs. 5-Million annually.</td>
<td>20</td>
<td>20</td>
<td>00</td>
</tr>
<tr>
<td>02</td>
<td>Bidder is the authorized distributor of importer / Manufacturer.</td>
<td>20</td>
<td>20</td>
<td>00</td>
</tr>
<tr>
<td>03</td>
<td>Bidder has ware-housing / production facility in its premises (Documental evidence require).</td>
<td>20</td>
<td>20</td>
<td>00</td>
</tr>
<tr>
<td>04</td>
<td>Bidder must be in business since last Five years.</td>
<td>10</td>
<td>10</td>
<td>00</td>
</tr>
<tr>
<td>05</td>
<td>Bidder is supply items in 100+ bed hospital since last two years.</td>
<td>10</td>
<td>10</td>
<td>00</td>
</tr>
<tr>
<td>06</td>
<td>Bidder has its proper office in Karachi with staff.</td>
<td>10</td>
<td>10</td>
<td>00</td>
</tr>
<tr>
<td>07</td>
<td>Bidder must provide the following documents.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Affidavit that the firm has never been black Listed.</td>
<td>10</td>
<td>10</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td>b. A certificate that the firm will abide all terms and conditions of the tender infringement for consequence as recommended by the competent authority.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Certificate that the prices quoted are not high or more than local/imported market.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Bio Data of key personnel / staff strength with designation, education &amp; experience and details of man power.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Qualifying marks at technical stage is 70 out of 100 (i.e. 70%)
1. **Scope of work**

1.1 Chemicals are to be supplied for the following system.

(a) Four condenser Water circuits.
(b) One Chilled Water circuits.

1.2 The condition of operation and chemical analysis of the water supply given in Annexure – A & B.

1.3 Water chemical treatment shall be for:

(a) Condenser water circuits.
   - To prevent scale formation and corrosion.
   - To protect against algae and fungus formation (atleast two types of chemical to be supplied).

(b) Chilled water circuits.
   - To prevent corrosion.

1.4 Sufficiency of chemical offered:

(a) The tenderer shall estimate the quantities of different types of chemical required according to the given conditions of operation for full one year operation.

(b) The condenser water bleed off quantity and blown down water quantity shell be estimated by tenderer according to the supply water analysis and the permissible chemical concentration.

(c) The tenderer to include chemicals for initial does for each system and complete flushing of the system as follows:

1. Chilled water system … Three times a year

(d) The supplier shall guarantee the sufficiency of the quantities of different chemicals offered by him for 1 year’s operation of the plants. He shall make good any deficiency noted during the year by supplying required additional quantity without any additional cost to the Hospital (NICVD).

The consumption of the chemical will be mentioned by the Hospital (NICVD) every month.

1.5 **Essential responsibilities of the contractor.**

(a) The contractor’s technician shall visit the plants once every fortnight. He will test samples of water from water supply mains and system to check that the chemical treatment had been satisfactorily (or otherwise) carried out by the plant operators. He will give necessary written instructions to the supervisor Engineer of the plant O&M Contractor for rectifying any deficiencies and ensure correct water chemical treatment.

(b) Within 3 days of each site visit, the contractor shall submit a written report (along with a copy of instructions given to the supervisor Engineer) to the Engineer, Engineer’s representative and consultant regarding his observations of satisfactory (or otherwise) status of chemical treatment.

(c) The contractor shall arrange at his cost complete chemical analysis of water samples from the water supply mains and each system from a reputable Laboratory (approval of Laboratory to be obtained from the consultant immediately after award of work) thrice during the operation season. The samples shall be taken _______ to _______ (or on next working day) and copies of the Laboratory analysis reports submitted to the engineer, Engineer’s representative and consultant before _______ to _______ respectively.

(d) Non fulfillment of any of the above essential responsibilities by the contractor shall a default by the contractor in the performance of the contract.

2. Chromate based chemical will not be supplied.
3. **GENERAL CONDITIONS**

3.1 The tenderer to submit with his tender a list of client of Air-Conditioning plants & Power Generation Plant for which he is carrying out (or had carried out) water chemical treatment giving:
   (a) Name of the owner.
   (b) Name of building and size and type of Air-Conditioning plant / Power Generation Plant.
   (c) The date from which he is carrying out the chemical treatment (or the period for which he had).
   (d) Copy of owner’s certificate for satisfactory performance.

3.2 The tenderer shall complete the schedule of item wise prices of the tender documents, along with his term of payment and delivery date.

Retention money shall be deducted from the contractor’s bills as specified in the Memorandum.

One-half of the retention money shall be refunded to the contractor 3 months after delivery of full quantities of chemical and balance one-half on satisfactory completion of the period of maintenance.

3.3 The contractor shall be required to furnish a performance bond valid the end of the period of maintenance.

3.4 The Suppler shall give to written guarantee for sufficiency of the quantity of chemicals being supplied for the specified requirements, effectiveness of the type of chemicals supplied for the specified treatment of the perspective water system, for the period as maintenance. The Suppler shall make good all deficiencies noted in the chemical (quantity as well as quality) to the satisfaction of the Engineer without any additional cost to the Institute.

3.5 The Suppler shall carry out works under the direction of the Maintenance Engineer, National Institute of cardiovascular Diseases, Rafiqi (H.J) Shaheed Road, Karachi, (herein referred as the "Engineer") and to his satisfaction. The Engineer/Consultant’s decision in respect of the quality and quantity of the chemicals and interpretation of the specification shall be final and accepted by the Supplier.

**Annexure – A**

**Air-Conditioning Plants Condition of operation at NICVD Plant**

1. Plants operation Hours, Round the year 24Hours / 365 Day

2. **Condenser Water System:**

   - **Shuangliang Absorption chiller of 750 Ton Circuit**
     - (a) Water Circulation USgpm 3200
     - (b) Water temperature Operation range °F 80° – 105 °F
     - (c) Full load make-up water due To evaporation losses, etc. (Excluding bleed off) USgph 3200
     - (d) Circuits Water Volume USg 2200

3. **Chilled Water Systems**

   - Main Building Extension Building
     - (a) Water circulation USgpm 1520
     - (b) Chilled Water Temp. range °F 43° – 57 °F
     - (c) Average Daily Make-up Water quantity USg 250
     - (d) Circuit water volume USg 31000
Annexure – B
Power Generation Plant Condition of Operation at NICVD Plant Data

1. Plants operation Hours, Round the year 24Hours / 365 Day

**Closed (Chilled) Cooling Water System:**

<table>
<thead>
<tr>
<th>System</th>
<th>Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>GE Jenbacher</td>
</tr>
<tr>
<td>Model</td>
<td>JGS 320</td>
</tr>
<tr>
<td>No's of Engine</td>
<td>2</td>
</tr>
<tr>
<td>Capacity</td>
<td>2 MW</td>
</tr>
<tr>
<td>Metallurgy</td>
<td>SS 316, MS</td>
</tr>
<tr>
<td>Volume</td>
<td>150 Liters Each</td>
</tr>
</tbody>
</table>

**Open Cooling Water System:**

<table>
<thead>
<tr>
<th>No’s of cooling Tower</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>No’s of Cooling Tower’s Operation</td>
<td>1</td>
</tr>
<tr>
<td>Type of Cooling Tower</td>
<td>Induced</td>
</tr>
<tr>
<td>Cooling Tower Capacity</td>
<td>225 Tons</td>
</tr>
<tr>
<td>Number of Pumps</td>
<td>3</td>
</tr>
<tr>
<td>Number of Pumps in Operation</td>
<td>2</td>
</tr>
<tr>
<td>Recirculation Rate each Pump</td>
<td>80 m³/hr or 500 GPM (US)</td>
</tr>
<tr>
<td>Total Recirculation</td>
<td>160 m³/hr or 1000 GPM (US)</td>
</tr>
<tr>
<td>Source of Water as Make-up</td>
<td>Tap Water KW&amp;SB</td>
</tr>
<tr>
<td>Plant Operation</td>
<td>24 Hours</td>
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Note: For further information contact Maintenance Dept.

**Note:**
The samples must be submitted three days earlier before submitting the Tender, otherwise it will not be accepted

- Sample of items shall be submitted prior to opening of financial bids.
- Sample should be submitted directly to Store Department. Receiving copy should be provide to Procurement department.
- Sample approval is mandatory for Bid acceptance.
- Bidder may quote individual items.
- Bidder shall give the reference of serial number as per tender list.
TENDER PROFORMA FOR COMMERCIAL BID
Tender No: 18/2019 dated 04-02-2020
FOR THE YEAR 2019-2020 & 2020-2021
SUPPLY OF WATER TREATMENT CHEMICALS

<table>
<thead>
<tr>
<th>Sr.#</th>
<th>Description</th>
<th>Qty.</th>
<th>Unit</th>
<th>Brand</th>
<th>Make</th>
<th>Country of Origin.</th>
<th>Rate per Unit F.O.R. Price</th>
<th>Delivery Period</th>
<th>Warranty</th>
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Signature

Official Seal
## TENDER PROFORMA FOR TECHNICAL BID

**Tender No: 18/2019 dated 04-02-2020**
**FOR THE YEAR 2019-2020 & 2020-2021**
**SUPPLY OF WATER TREATMENT CHEMICALS**

<table>
<thead>
<tr>
<th>Sr. #</th>
<th>Description</th>
<th>Qty.</th>
<th>Unit</th>
<th>Brand</th>
<th>Make</th>
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<th>Warranty</th>
<th>Delivery Period</th>
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**Signature**

**Official Seal**