PEOPLES STEEL MILLS LIMITED
Manghopir, Karachi.
REQUEST FOR QUOTATION

M/s.

RFQ NO. SSAMC/BU-2/LP-22/PR-569775

ISSUED ON 22-JAN-20

DUE ON 24-FEB-20

Dear Sirs,

We invite you to quote for the following material on F.O.R PSM site basis inclusive of all Government taxes and levies on the terms and conditions attached herewith valid for 45 days. Your offer must reach the office of the undersigned by the date mentioned above.

<table>
<thead>
<tr>
<th>S. NO.</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INDUSTRIAL WATER / CONTACT WATER TREATMENT SYSTEM WITH INSTALLATION AND COMMISSIONING FOR THE PROCESS OF CHEMICAL ADDITION, AGITATION, AERATION AND OIL SKIMMING (SUPPLIERS CAN ALSO VISIT THE SITE BEFORE GIVING PROPOSAL) AS PER ATTACHED ANNEX-A, ANNEX-B AND ANNEX-C</td>
<td>1 SET</td>
<td></td>
</tr>
</tbody>
</table>

NOTE:
1. Delivery lead time should be within 30 days after receipt of Order.
2. Payment will be made within 45 days after acceptance of material.
3. PSML will take delivery of Ordered Material from Supplier Premises having Value up-to Rs. 20,000/= through own arrangement.
4. Offer must be sent to Attention of Head (Procurement) through Fax / Post / or Email: muneeb.local@psmltd.com, shayan_proc@psmltd.com, procurement@psmltd.com.

Yours Sincerely
For PEOPLES STEEL MILLS LIMITED

Deputy General Manager
(PROCUREMENT)
SEAMLESS PIPE MILL (WTP)

INDUSTRIAL WATER / CONTACT WATER TREATMENT SYSTEM WITH INSTALLATION AND COMMISSIONING. FOR THE PROCESS OF CHEMICAL ADDITION, AGITATION, AERATION AND OIL SKIMMING.

SCOPE OF WORK:

➢ THREE FABRICATED TANKS WITH PUMPS FOR AGITATION ONE FOR Al₂O₃, SECOND FOR Na₂CO₃ AND THIRD FOR SYNTHETIC COAGULANT NEAR TO COMPRESSOR ROOM
➢ THREE FEED TANKS FOR THE ABOVE CHEMICALS ON THE TOP OF COMPRESSOR ROOM.
➢ TWO AGITATORS IN CHEMICAL TREATMENT POND (POND SIZE LENGTH 11.1M: WIDTH 4M: DEPTH 5.8M)
➢ OIL SKIMMING SYSTEM IN OIL SKIMMING POND (POND SIZE LENGTH 8M: WIDTH 4M: DEPTH 3.5 M)
➢ ABOVE CHEMICAL INVENTORY AND OTHER NECESSARY ACCESSORIES

NOTE TO BUYER:

A. MAKE: ANY EUROPEAN BRAND
B. DOCUMENTS REQUIRED AT THE TIME OF EVALUATION:
   I. COMPANY PROFILE
   II. DETAILED LEAFLET/ TECHNICAL BROCHURE REQUIRED FOR EACH EQUIPMENT.
   III. ORIGIN COUNTRY NAME OF EACH EQUIPMENT IS ALSO REQUIRED.
   IV. WARRANTY REQUIRED
   V. SYSTEM SKETCH IS REQUIRED
C. TECHNICAL DETAIL FIRST REQUIRED FOR ASSESSMENT. COMMERCIAL EVALUATION IS SUBJECTED TO ACCEPTANCE OF PROPOSAL.
D. PUMPS SHOULD BE CENTRIFUGAL PUMPS WITH VOLUTE AND IMPELLER MATERIAL SS OR PVC COATED.
E. PIPING SHOULD BE PVC OR SS SCHEDULE 80.
## Water Test Parameters Comparison

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Make up / Industrial water parameters (water before re-circulation)</th>
<th>Scale pit water parameters (water after re-circulation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(sample collected from Industrial water pond)</td>
<td>(sample collected from scale pit)</td>
</tr>
<tr>
<td>pH</td>
<td>7.91</td>
<td>7.52</td>
</tr>
<tr>
<td>TDS, ppm</td>
<td>250</td>
<td>473</td>
</tr>
<tr>
<td>Conductivity, US/cm</td>
<td>444</td>
<td>830</td>
</tr>
<tr>
<td>T. Alkalinity, ppm as CaCO₃</td>
<td>84</td>
<td>1321</td>
</tr>
<tr>
<td>Iron, ppm, as Fe</td>
<td>0.04</td>
<td>0.71</td>
</tr>
<tr>
<td>PDU, ppm</td>
<td>1.3</td>
<td>2.7</td>
</tr>
<tr>
<td>Calcium Hardness, as CaCO₃, ppm</td>
<td>38</td>
<td>42</td>
</tr>
<tr>
<td>Total Hardness as CaCO₃, ppm</td>
<td>125</td>
<td>165</td>
</tr>
<tr>
<td>Total suspended solid, ppm</td>
<td>2</td>
<td>67</td>
</tr>
<tr>
<td>Turbidity, FAU</td>
<td>0</td>
<td>1.0</td>
</tr>
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</table>