Name of the Equipment: 500 LPH RO plant with 2 years AMC

<table>
<thead>
<tr>
<th>Original Tender Specification</th>
<th>Corrections/Amendments after the Pre-bid meeting</th>
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<tr>
<td><strong>FEED WATER STORAGE TANK</strong> : Existing Overhead Tank (Client's scope)</td>
<td>No Change</td>
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</tbody>
</table>
| **FEED PUMP** : 1 No.
  - Type: Centrifugal Pump (0.5 HP)
  - Discharge capacity: 1750 litres/hr.
  - Pump make: CRI or Equivalent | |
| **PRESSURE SAND & Carbon FILTER** : 1 No.
  - Output per hour: 1750 litres/hr
  - Treatment / Vessel Size: Down flow / Dia. 12 x 48 inch
  - Operating pressure: 1.5 to 3.5 kg/cm²
  - MOG of the vessel: FRP / MS FRP coated
  - Multiport valve: No (Size: 20 mm / 25 mm)
  - Filtering media: Sand & Pebbles & Ac.Carbon | |
| **CHEMICAL DOSING SYSTEM** : 1 No.
  - Dosing pump: 1 No.
    - Type: Electronic Diaphragm
    - MOG: Polypropylene
    - Capacity: Max. 5 lph @ 5 bar
    - Head: Polypropylene
    - Make: e-dose, or equivalent
  - Dosing Chemical: Chemical for Scale control
  - Chemical Tank: 50 lts. Capacity of HDPE tank | |
| **MICRON FILTER** : 2 Nos.
  - Capacity: 1500 liters/hr
  - No. of Cartridges: 2 Nos. (5 Micron)
  - Cartridge Size: 20” long
  - MOG housing: Polypropylene
  - In & Out Connection: 1”
  - Operating pressure: 2.0 to 3.0 kg/cm² | |
| **REVERSE OSMOSIS MEMBRANE** : 2 Nos.
  - Capacity: 500 liters/hr
  - Membrane type: Spiral wound TFC polyamide
  - Size: 40” long & Dia. 4”
  - Make: GE, Membranium or Eqvts.
  - No. of membranes: 2 Nos. of 4040 | |
| **MEMBRANE HOUSING UNIT** : 2 Nos.
  - No. of Membrane Housing: 2 Nos.
  - MOG of Membrane Housing: FRP / UKL make / Blue colour
  - Size of Membrane Housing: 4” dia x 40” long | |
| **HIGH PRESSURE PUMP** : 1 No.
  - High pressure pump: 1 No. of SS 304
    - Make: CRI Pumps, or Eqvts.
    - Model: MVC-2-15
    - Motor for pump: 2.0 HP / 3 PHASE
    - Connecting piping & Fittings: CPVC / PVC | |
| **OTHER COMPONENTS** : 1 set
  - Pressure Gauge (Gly. Filled) SS: 2 Nos.
  - Rotometer meter: 2 Nos.
  - Low & High pressure switch: 1 set.
  - Electronic control panel: 1 No. (with Automatic storage level control)
  - RO skid MS-powder coated: 1 No.
  - Control valve / SS: 1 No. | |
| **CHEMICAL CLEANING SYSTEM** : 1 No.
  - CIP tank: 1 No.
    - MOG of tank: HDPE
    - Tank Capacity: 50 liters. | |
| **TREATED WATER STORAGE TANK** : 1 No. (HDPE 1000 LITS capacity) | |
| **UV System 500 LPH / MOG : SS 304** : 1 No. | |
| **Post PP micron filtration 20” long** : 1 No. | |
| **Ozone system 500 LPH** : 1 No (operating in specific time interval) | |

**AMC:** Two years including maintenance charges, periodical replacement of membrane etc., consumables and labour charges. All accessories and spares required to run the plant non-stop. No. of visits should be mentioned in AMC.