## Section 7. Technical Specifications

**Procurement of Air Preheater Tube for Boiler Division of APSCL.**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Name of Goods</th>
<th>Qty. &amp; Unit of Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Air Pre-Heater Tube</td>
<td>8,700 pcs</td>
</tr>
</tbody>
</table>

**Description**: APSCL’s Requirement

- **Tube**: Seamless
- **Manufacturing Process**: Cold Drawn or Hot Drawn Process
- **Specifications**:
  - Outer Diameter: 50.80 mm
  - Allowable Tolerance: ± 0.25
  - Thickness: 2.30 mm
  - Allowable Tolerance: -1%, +15%
  - Tube Length: 7963 mm
  - Allowable Temperature: 250°C
- **Material**: JIS-STB 33E or, equivalent
- **Nominal Composition**:
  - Carbon: 0.06-0.18 %
  - Manganese: 0.27-0.63 %
  - Sulfur, max: 0.035%
  - Phosphorus, max: 0.035%
- **Others**:
  - Anti-corrosive coating must be coated on tube surface and covered by plastic cap both end of the tube.

**N.B.** During the evaluation of tender, the documentary responsive tenderer/s must have to supply two (2) feet tube as a sample for composition test and in this regards letter/s will be issued to the documentary responsive tenderer/s from the Procuring Entity.

In the capacity of:
Duly authorized to the sign the Tender on behalf of the Tenderer.
Date:

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