

**A. GENERAL:**

1. Refurbish two double cross flow cooling towers, by replacing old existing fill, louvers, and drift eliminators at Hall E: Evapco: # SST12424, SST12936B located at the Anaheim Convention Center.
2. Warrant all parts and labor for a minimum of one year.
3. Perform all work during regular working hours.
4. Coordinate with City Representative regarding blackout times and dates; staging of materials, and to ensure that one of the towers is operational at all times.
5. Have the job supervisor on site at all times during job.
6. Ensure that all materials and personnel are on-site so that once they have commenced work on a tower they will be able to proceed uninterrupted.
7. Minimize the downtime of the facility's HVAC equipment.

**B. SCOPE OF WORK:**

1. Isolate all supply and return piping and make-up water lines from tower cell.
2. Disconnect any electrical and controls, lock out, and tag out.
3. Drain condenser water-cooling system under supervision of Convention Center HVAC personnel.
4. Disassemble cooling tower as needed to remove old drift eliminators, fill, and intake louvers.
5. Clean manifolds and nozzles, fan housings and the reservoir areas
6. Pressure wash the interior of each cooling tower and vacuum clean.
7. Inspect each tower thoroughly and note any discrepancies.
8. Submit any additional repair work, that is discovered, to the City Representative, for consideration, before any additional repairs are made.
9. Reinstall new intake louver media, surface fill, and drift eliminators specifically designed for Evapco cooling towers. (Evapco OEM materials) after each tower is cleaned.
10. Reassemble tower.
11. Refill tower and leak check.
12. Start test unit and bring tower back on line before proceeding to next unit.
13. Use only all new OEM material.