



# Industrial, Commercial and Institutional Facility Audit Contract

## Resource Management Commission

November 15, 2011

Mark Jordan

Water Conservation Program Coordinator

# ICI Examples:

- Hotels
- Car washes
- Restaurants
- Schools
- Hospitals
- Retail/wholesale businesses
- Manufacturing
- Power plants



# Contract Provisions

- Twenty-four month contract with possibility of up to three one-year extensions
- Total contract amount not to exceed \$825,000
- Estimate:
  - 300-600 audits
  - 100-300 WaterWise Partnership verifications
  - Estimates based on previous vendor contract prices
  - Final numbers contingent upon unit price negotiation after council authorization to negotiate and execute contract

# Goals:

- Increase ICI water savings
- Increase ICI participation in:
  - WaterWise Partnership Program
  - ICI Rebate Program
- Public awareness and recognition
- Train in-house staff in development of more robust ICI program





# Audit will include:

- Site visit
- Inventory of all possible alternative sources of water
- Physical verification of all equipment using water
- Actual flow measurements from each type of equipment
- Analysis of discharge water
- For cooling towers, concentration cycles and existence of conductivity controllers

# Audit reports will include:

- Updated facility diagrams and site specific water balance
- Listing of all alternative water sources
- Description of existing processes/systems
- Listing of equipment and comparison of actual versus manufacturer recommended flow rates
- Water use observations
- Proposed improvements, estimated costs, “pay-back” periods, annual and long-term water savings
- Rebate opportunities

# WaterWise Program Verifications:

- WaterWise Partnership criteria
  - Hotel
  - Car Wash
- Site visits will be used to verify:
  - Application content
  - Program eligibility



# Facility selection factors:

- Primary focus:
  - Top users by sector and individual account over past three years
  - Greatest potential in percentage reduction
  - Greatest potential in volumetric reduction
  - Applicant/participant in:
    - 3C Business Challenge
    - WaterWise Partnership
    - Commercial Rebate
- Upon customer request, as schedule permits



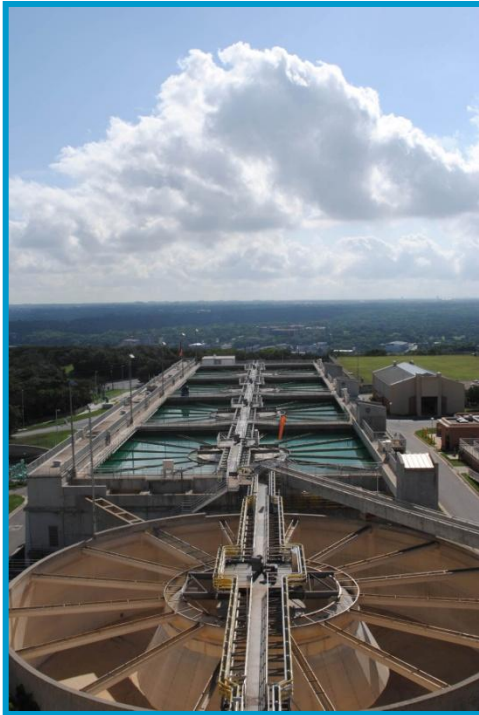
# Implementation

## Timeline

- RFQ open from August 29 to September 29
- Preliminary vendor selection October 16
- Seek RMC approval November 15
- Seek W/WW approval December 14
- Earliest Council action December 15
- Negotiate unit price, execute contract by January 2012

## Cost/Benefit of Outsourced Project Contract

- Avoid long-term costs of additional full-time regular employees
- Will train and re-assign staff to perform future audits
- Ability to conduct time-intensive audits quickly, allowing staff to cover more ground faster



# Questions?

Mark Jordan

Water Conservation Program Coordinator

(512) 974-3901

[mark.jordan@austintexas.gov](mailto:mark.jordan@austintexas.gov)

[www.waterwiseaustin.org](http://www.waterwiseaustin.org)