



Capital Area Council of Governments

6800 Burleson Road, Building 310, Suite 165

Austin, Texas 78744-2306

Ph: 512-916-6000 Fax: 512-916-6001

www.capcog.org

BASTROP BLANCO BURNET CALDWELL FAYETTE HAYS LEE LLANO TRAVIS WILLIAMSON

CAPCOG Review of the Contractor for the Ambient Air Quality Monitoring Assistance 2019 Contract, Amendment 2 – November 8, 2021

The Capital Area Council of Governments (CAPCOG) entered into a contract with Weston Solutions, Inc. (WESTON) in 2019. The contract had a period of one year, with the possibility of two one-year renewals. Because CAPCOG was satisfied with WESTON's performance on the 2019 contract, CAPCOG exercised the right to renew the contract in 2020 and 2021. Therefore, the two contract renewals indicate CAPCOG's satisfaction with WESTON's performance for 2019 and 2020. As a result, CAPCOG's contractor for ambient air quality monitoring in 2021 was WESTON. The CAPCOG-WESTON 2019 Contract, Amendment 2, included four tasks:

- Task 1: Ozone Monitoring
- Task 2: Finalizing Transition to New Reporting System and Data Checks
- Task 3: Installing PurpleAir Particulate Matter Sensors
- Task 4: (Contingency Task) Decommissioning Existing Sites

CAPCOG only is discussing the tasks and contractor performance for Amendment 2 of the CAPCOG-WESTON contract since these tasks are more relevant to the tasks outlined in the current RFP.

SUMMARY

Over the entire contract, CAPCOG would give WESTON a grade of "A." CAPCOG is satisfied with WESTON's work, and WESTON met all contractual expectations with clear communication.

TASK 1: OZONE MONITORING

CAPCOG is satisfied with WESTON's work for all sub-tasks for ozone monitoring. WESTON went above and beyond to address issues at CAMS 1620 due to electricity voltage issues at the site that were out of WESTON's control. Additionally, WESTON clearly communicated other issues as they arose and quickly mobilized to resolve issues.

One of CAPCOG's evaluations of WESTON's performance is based on the contractor's ability to meet the set data quality objectives (DQO) for each parameter – ozone, wind direction, wind speed, temperature, and relative humidity. Some of these factors may be beyond the contractor's control. However, DQOs provide information important to understanding the degree to which the contractor's work enabled CAPCOG to meet its own DQOs for this project.

- CAPCOG requires that the ozone analyzers be calibrated every month to an accuracy of +/-7%. WESTON met this accuracy for 100% of the calibrations.
- CAPCOG requires a data completeness of 85% for all parameters each month. Including factors that were out of WESTON's control, WESTON met this completeness level 97% of the time.

There are some instances where information was missing from a monthly report that required a revision. These were not major problems, but these issues required additional levels of vigilance and scrutiny on CAPCOG's part.

Overall, WESTON exceeded expectations with the work performed under Task 1.

TASK 2: FINALIZING TRANSITION TO NEW REPORTING SYSTEM AND DATA CHECKS

Despite the winter storm in February 2021 that delayed the completion of part of this task, CAPCOG is satisfied with WESTON's work on the first half of this task. WESTON performed the final installation of the equipment and connected the equipment properly to report data to CAPCOG's data reporting system without issue. The task also included daily data checks to ensure that CAPCOG's reporting software was sending correct data to the Texas Commission on Environmental Quality's LEADS system and the U.S. Environmental Protection Agency's AirNow system. There were a few instances in which data to AirNow was incorrectly flagged as valid which were not noticed by WESTON until CAPCOG communication, but WESTON improved over the course of the year. Overall, CAPCOG is satisfied with WESTON's work performed under Task 2.

TASK 3: INSTALLING PURPLEAIR PARTICULATE MATTER SENSORS

Task 3 required WESTON to set-up the Wi-Fi network and install PurpleAir monitors at CAPCOG's monitoring stations. There were no issues that arose with this task. CAPCOG is satisfied with WESTON's work performed under Task 3.

TASK 4: (CONTINGENCY TASK) DECOMMISSIONING EXISTING SITES

This task was included in the contract if CAPCOG decided to decommission any of the current monitoring stations. However, CAPCOG decided not to decommission any sites in 2021. Therefore, no work has been performed under this task by WESTON.