



Confidential



HVAC Independent Testing & Balancing Air * Water * Hydronic * Systems Commissioning * Diagnostics

QUOTE

This Quote is valid for 60 days. P.O. or Contract within 120 days. Quoted work started within one year and completed within two years of Quote date.

Bid Date: Now 02-14-2023

PROJECT: Freddy's Frozen Custard
5052 N. 83rd Avenue
Glendale, Arizona

Date of plans: 2/1/2021

Architect: Dan Winter Architect

SBA User ID: P1132860 - Classified as a small business.

Engineer: Greg Quigley

DUNS # 826859555 CCR Registration Cage #5PEVO

We propose to test and balance the above project according to plans and specs for the following sum:

Price quoted for Normal working hours - Un-occupied conditions* (see "Conditions" below)

Any issues or repairs that need to be made in order for CSA to complete our scope of work will be sent out in a field memo containing all deficiencies. If there are any unresolved deficiencies after 14 days from the day each field memo was sent, CSA will issue the report "as-is" and bill in full.

Based on one phase - one report - Additional phases / reports @ \$300 each

Commercial Systems Analysis, Inc is not responsible for System Start-up

Test and Balance \$1,655.00

If equipment or grilles are over 14' high, contractor will provide means of access.

Price is based on the following equipment: 1 ea. 12.5 Ton Rooftop Package Air Conditioning Unit, 1 ea. 20 Ton DOAS-1 Make Up Air Rooftop Package Air Conditioning Unit, 2 ea. Kitchen Hood Exhaust Fan Units, 1 ea. Dish Washer Exhaust Fan Unit, 1 ea. OSA Certification, 2 ea. Ceiling Mounted Exhaust Fan Units, 21 ea. Air Distribution

The above quote is for one test per item listed. Return trips due to equipment failure, repairs, alterations and/or retesting may incur an additional fee.

Price valid only with free use of contractors lift to equipment located over 14 feet for duration of test and balance or change order for cost thereof. Contractor pricing is cheaper than ours and more than likely they will already have a lift onsite.

Kitchen Hood Smoke Capture & Containment Test - 2-Hoods / 1-Test Each \$450.00

Commissioning Participation - Bill T&M @\$95.00 Per Hour If Required Excluded

Smoke Detector / Smoke Fire Damper Certification TAB-Trip \$350.00

Price for certification of 2 smoke detectors and 0 smoke/fire dampers (corresponding duct detectors are an additional \$55.00 each and total coverage area smoke detection system is an additional \$35.00 each)

One Test each NEBB Certified Report Variable air volume units must be testing for shut-down through VFD in both auto and hand position and airflow through sampling tube must be verified when units are at minimum and maximum airflow.

Smoke detector and smoke/fire damper stipulations:

- If monitored through a fire control panel (due to additional information required by the fire inspector), additional personnel (to be provided by others) will be required to assist our technician.
Please complete checklist provided prior to scheduling - A Trip charge may apply whenever you schedule CSA for testing but the above devices are not ready to be tested due to needed repairs.
If smoke detectors are over 12' high, contractor will provide means of access.
It is the contractor's responsibility to confirm accurate numbers of smoke devices. Add or subtract \$65.00 each device if count different from above.

Price is based on information from blueprints provided. Changes may affect pricing.

Exclusions / Exceptions / Conditions:

It is the contractor's responsibility to confirm accurate count of all equipment and devices.
Sheave and belt changes are excluded.
Sound and vibration, duct leak and/or hydrostatic tests are excluded unless otherwise stated above.
Excludes any and all piping tests
Seasonal testing is excluded unless otherwise stated above
* Normal working hours (6 am to 6 pm) M-F; additional charges apply for after hours or weekend work
* Additional charges will apply if work scope area is occupied during test and balance
TAB contractor involvement in commissioning is excluded from the above pricing.
This Quote is strictly confidential and is not to be shared with, or made available to, anyone other than the intended recipient.
Any further use or distribution is prohibited. This Quote is valid for a period of 60 days. This Quote is subject to final review by CSA and may be voided if significant math errors are detected in the review process.

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