

ATTACHMENT C: VERIFICATION
EXPECTED RESULTS UNDER PHOENIX'S SPECIFIED PULL-DOWN TEST
(One Form Required for Each Bus Type Offered)

The City of Phoenix has found in previous bus purchases that buses meeting the standards of the HVAC APTA Section 9 pull down test fail to perform satisfactorily in local conditions. Phoenix has modified the APTA Section 9 test to achieve a more robust HVAC system. An offeror that is awarded a contract will be REQUIRED to perform the HVAC APTA Section 9 pull down test with the following Phoenix modifications, and report the results to CITY for each pilot bus on the first order of the Contract, and as needed with new innovations:

The HVAC system must be capable of reducing the passenger compartment temperature as defined in the listed APTA test procedure from 125° to 75°F ± 3°F using 407c refrigerant in less than 30-minutes after start-up of A/C system. During the cool-down period the refrigerant pressure must not exceed safe high-side pressures. The stabilization test shall be recorded as a continuation of the air conditioning pull-down test.

Bus Type: _____

Has offeror completed this test on similar buses previously Yes No

If yes, please provide the actual results recorded and **attach** the engineering analysis.

Starting temperature _____ degrees F
 Time to min. temp. _____ Minutes
 Minimum temp recorded _____ degrees F

If no, please provide your expected results and **attach** the engineering analysis.

Starting temperature 125 degrees F
 Time to min. temp. _____ Minutes
 Minimum temp recorded _____ degrees F

If offeror's actual or expected results or projects a minimum temperature higher than 75°F ± 3°F, please describe your actions and or plans to improve the system to meet that standard. Please **attach** your response and documentation.

Is all documentation referenced above attached? Yes No

VERIFICATION

I verify that the statements contained in this form, including any attachments, to the best of my knowledge and belief are true, correct, and complete. I understand that completing the HVAC APTA Section 9 pull down test with Phoenix's modifications on the initial pilot bus, and as-needed for proposed innovations, is a requirement. I also understand that not meeting the 75°F ± 3°F standard will not disqualify my proposal.

PRINT NAME _____ TITLE _____

AUTHORIZED SIGNATURE _____ DATE _____

COMPANY NAME _____