

POTENTIAL PROJECTS FOR BID IN FALL 2025

A portion of the following eleven tentative research projects (TRPs) are expected to be released for bid this fall pending completion of all pre-bid conditions by the responsible committee, and acceptance of these conditions by their section Research Liaison prior to September 15, 2025.

- **0001 WSP**, *“Update of ASHRAE Publication: Application of Manufacturers’ Sound Data @1998”*; Responsible Committee: TC 2.06 (Sound and Vibration); Co-Sponsors: None. Co-funding: None; Recommended Contractor: TBD; Estimated Duration: 18 months; Cost to ASHRAE: \$150k Status: **Clear RAC Approval conditions with RL so project can bid.**
- **1811-TRP**, *“Determining Occupancy Patterns in Clusters of Buildings with Data Drawn from Web Based Social Media and Mobile Positions”*; Responsible Committee: **TC 1.05** (Emerging Computing Applications); Co-Sponsors: TC 7.10, Occupant Behavior in Building Design and Operation; Co-funding: None; Recommended Contractor: TBD; Estimated Duration: 24 months; Cost to ASHRAE: \$220k Status: **Clear RAC Approval conditions with RL so project can bid.**
- **1882-TRP**, *“Procedure for Estimating Occupied Space Sound Levels in the Application of UFAD Air Terminals and Air Outlets”* Responsible Committee: **TC 2.06**, Sound and Vibration, Co-Sponsors: TC 5.03, Room Air Distribution; Co-funding: None; Recommended Contractor: TBD; Estimated Duration: 18 months; Cost to ASHRAE: \$190k Status: **Clear RAC Approval conditions with RL so project can bid.**
- **1886-TRP-C**, *“Kinetic and Mechanistic Study of the Breakdown and Interactions of HFO Refrigerants”* Responsible Committee: **TC 3.02**, Refrigerant System Chemistry and Contaminant Control Co-funding: None; Recommended Contractor: TBD; Estimated Duration: 12 months; Cost to ASHRAE: \$120k Status: **Accepted for bid in Fall 2025.**
- **1941-TRP-C**, *“Experimental Program to Update the ASHRAE Duct Fitting Database (DFDB)”*. Responsible Committee: **TC 5.02**, Duct Design, Co-funding: None; Recommended Contractor: TBD; Estimated Duration: 24 months; Cost to ASHRAE: \$180k Status: **Clear RAC Approval conditions with RL so project can bid.**
- **1959-TRP**, *“Update People Load Data for Cooling Load Calculations”*; Responsible Committee: **TC 4.01** Load Calculation Data and Procedures, Co-Sponsors: None; Co-funding: None; Recommended Contractor: TBD; Estimated Duration: 15 months; Cost to ASHRAE: \$150k Status: **Accepted for bid in Fall 2025.**
- **1972-TRP**, *“Data Center Direct to Chip Liquid Cooling Resiliency – Failure Modes and IT Throttling Impacts; Liquid Cooling Energy Use Metrics and Modeling”*; Responsible Committee: **TC 9.09**, Mission Critical Facilities, Data Centers, Technology Spaces and Electronic Equipment; Co-Sponsors: None; Co-funding: None; Recommended Contractor: TBD; Estimated Duration: 36 months; Cost to ASHRAE: \$350K Status: **Accepted for bid in Fall 2025.**