

**PERFORMANCE WORK STATEMENT
WASHER/DRYER MAINTENANCE/REPAIR/LEASING
AND CLOTHES DRYER EXHAUST DUCT CLEANING SERVICE**

JOINT BASE SAN ANTONIO LACKLAND

09 November 2022

1. DESCRIPTION OF SERVICES. The contractor shall provide all personnel, equipment, tools, materials, supervision, and all other items or services necessary for Washer/Dryer Maintenance, Repair and Leasing and Clothes Dryer Exhaust Duct Cleaning service as defined in this Performance Work Statement (PWS) at Joint Base San Antonio (JBSA) Lackland, Lackland Training Annex and Kelly Field Annex. Contractor shall be responsible for the delivery, installation, cleaning, maintenance, repair, removal and relocation of contractor furnished washers and dryers. Washer/dryer locations and types are listed on Appendix 1. Contractor shall monitor, schedule and clean clothes dryer exhaust ducts as necessary to minimize the amount of lint accumulation and ensure ducts do not pose a safety or fire hazard. Facility numbers, duct sizes, estimated quantities and recommended cleaning schedules for dryer ducts are listed on Appendices 3A, 3B, and 3C Dryer Duct.

1.1. BASIC SERVICES

1.1.1 Contract Manager. The contractor shall provide a Contract Manager or alternate who shall be responsible for the operations, management, compliance of contract requirements and quality control. Contract Manager/alternate shall respond to the Contracting Officer (CO) or Contracting Officer's Representative (COR) within two business hours of notification.

1.1.2. Washer/Dryer Repair Technicians. The contractor shall provide repair technicians who are qualified to work on the washers/dryers. Contract technician shall be on location 5 days per week except for federal holidays. Contractor shall be responsible for, but not limited to, responding to service calls, machine repair, preventive maintenance, scheduled inspections, dryer exhaust duct cleaning and monitoring of equipment. The contractor shall maintain a log of all inspections performed, repairs and preventive maintenance accomplished. The log shall be made available to the Contracting Officer Representative (COR) for review and copies provided within two business days of request.

1.2. REQUIREMENTS

1.2.1. Washer/Dryer Service Tickets. The COR will prepare washer/dryer service request tickets for all calls received by base customers. The contractor shall pick up the service request tickets from the COR, Monday through Friday, no later than 8:00 A.M (excluding federal holidays). The contractor shall complete the service ticket by identifying the response date, a short summary of repair performed or reason the equipment was not made operational. Completed service ticket shall be returned to the COR within 48 hours of ticket pick up time

(excluding weekends and federal holidays). Equipment shall be repaired and operational within the same 48 hour period. If a contractor provided appliance cannot be made operational within the 48 hour time frame, the contractor shall replace the appliance with a fully operational machine no later than 60 hours after the service ticket pick up. Contractor shall notify COR of replacement date and time so service ticket may be closed out. If an appliance is not repaired or replaced within 60 hours (excluding weekends and federal holidays), the Government will not pay for the inoperable machine.

1.2.2. Service Call Historical Data. For informational purposes only, washer/dryer historical data for fiscal years FY18 – FY21 is provided on Appendix 2.

1.2.3. Equipment Quality Standards. All machines shall be brand new at time of the start of the first period of performance. Replacement appliances shall not be older than 2023 model of washers and dryers. Replacement equipment shall be the same size and color. All machines shall be in compliance with DoD Instruction 4170.11, *Installation Energy Management*, and Energy Policy Act (EPACT) 2005, Public Law 109-58, where applicable.

1.2.4. Washer and Dryer Appliances. The contractor shall furnish, deliver, install, repair and maintain the number of washers and dryers for each facility as listed in Appendix 1. Washers and dryers shall be heavy duty, commercial or industrial brand/design and have the minimum number of control knobs, switches, settings and cycles. All washers and dryers shall be white in color. Washers and dryers shall operate without the use of coins or tokens and shall not have any coin or token slot attachments.

1.2.4.1. Dryer Exhaust Metal Ducting. The contractor shall provide and install rigid metal ducting for all 30 pound (lb) single and stacked dryers, from the dryer to the facility permanent exhaust system. Dryer exhaust vents shall be firmly attached to prevent the ducting from coming loose. The contractor shall ensure flexible aluminum ducting is used for all other dryers.

1.2.4.2. Parts/Equipment Installation. The contractor shall furnish and install gas-splitters, shut offs, reducers, nipples and any other equipment and materials as required to ensure machines operate correctly. Machines shall be grounded in accordance with manufacturer's recommendations and National Electric Code. The cost for all parts required for initial machine installation shall be covered by the contractor. The contractor shall provide the cost of parts to the COR when the need for additional parts/equipment has been identified. Any cost exceeding \$500 (total) per machine requires validation by the Contracting Officer (CO). COR shall provide the contractor written approval (email is sufficient) prior to repair of equipment for costs at and under \$500. For costs exceeding \$500, the CO shall provide contractor written approval (email is sufficient) prior to repair of equipment.

1.2.4.3. Washer/Dryer Maintenance. At a minimum, the contractor shall monitor and inspect all washers and dryers monthly to ensure equipment is operational and performing according to design. Preventive maintenance shall be performed to identify potential problems and to repair

them before equipment actually fails. Washer and dryer connections such as hoses, exhaust vents, gas lines, etc. shall be inspected during the scheduled equipment inspections. Contractor shall inspect all washers and dryers monthly in order to maintain and repair the exterior of the machines.

1.2.4.4. Washer/Dryer Maintenance Schedule. The contractor shall submit a monthly maintenance schedule to the COR for all appliances at least 5 business days before the start of each month. Maintenance schedule shall include the date and approximate time each machine shall be serviced. Changes to the cleaning schedule shall be immediately identified to the COR.

1.2.5. Washers. Washers shall be the largest size commercially available (no smaller than 16 lb capacity) that can fit in the same locations as existing equipment listed in Appendix 1. Existing washer dimensions are 27" W x 25 1/2" D x 42 3/4" H. Contractor shall furnish all parts and accessories and make all connections (hot and cold water hoses, drain hose etc), to make equipment operational. The hot and cold water lines and drain hoses are not cost reimbursable. Washers cords shall be equipped with a UL listed, molded 3 prong 110V or 240v male plug whichever is applicable to the building electrical requirement and each machine's specifications.

1.2.5.1. Large Capacity Washers. Washers listed on Appendix 1 as "large capacity" shall be hard mount machines with no smaller than 22 lb (21.5 lb) capacity. Contractor shall be responsible for following the manufacturer's installation instructions. The washers shall be installed in a safe and functioning manner.

1.2.6. Dryers. Dryers shall be the largest capacity (minimum of 18 lb) possible for the location and electric or gas operated as indicated on Appendix 1. The current three sizes of dryer dimensions are as follows: 18 lb dryer – 29" W x 25 1/2" D x 41 3/4" H; 30 lb stackable dryer – 31 1/2" W x 42 1/2" D x 75 1/2" H; and, 18 lb stackable dryers - 27" W x 28" D x 75 1/4" H. Dryers shall have a "push to start" button/panel, which operates only when door is closed. Dryers shall be heavy-duty machines designed specifically for commercial use. All gas dryers shall be equipped with electronic igniter. Contractor shall furnish electrical cords for electric dryers (the electrical cords are not cost reimbursable). Dryer cords shall be equipped with a UL listed, molded 3 or 4 prong 110V or 220V male plug, whichever is applicable to the building electrical requirement. The contractor shall furnish all flexible gas lines for gas dryers.

1.2.6.1. Stackable Dryers (18 lb and 30 lb). Dryers shall be gas or electric as indicated on Appendix 1. Dryers shall have a "push to start" button/panel, which operates only when door is closed. Stackable dryers consist of two (2) drums which equal one (1) set/stackable unit. The monthly cost for inoperable machines will be deducted per drum, not per set.

1.2.7. Filter and Vent Cleaning. The contractor shall inspect and clean all dryer exhaust vents monthly, from the dryer itself to the permanent exhaust system. Contractor shall inspect dryer lint filters and immediately replace torn or unusable filters. Contractor shall ensure dryer exhaust vents are properly secured to dryer and exhaust ducting at all times to prevent fire

hazards. Contractor shall identify and replace deteriorated ducting as part of the monthly cleaning schedule. Contractor shall ensure areas surrounding dryers are free from lint, debris etc, after each service.

1.2.8. Appliance Identification and Signage. All contractor provided washers and dryers shall be labeled with a machine number (i.e. D100 for Dryer #100, W303 for Washer #303) for easy identification. Identification numbers shall be non-removable and easily viewed. The contractor shall also identify equipment as property of the contractor (where applicable). The contractor shall furnish and apply "Operating Instructions" decals in each laundry room that will be prominently displayed in plain view. The contractor shall furnish and apply any other signage deemed necessary for proper usage and safe operation of equipment.

1.2.9. Replacement Equipment. The contractor shall maintain, at their own storage facility, sufficient stock to replace equipment that cannot be made operational as required in Paragraph 1.2.1 and 1.2.3 above.

1.2.10. Dryer Exhaust Cleaning Schedule. The contractor shall establish and submit a monthly dryer duct cleaning schedule for all work to the COR at least 5 business days before the start of each month. The schedule shall identify the date and time when cleaning services will be performed in each facility. Changes to the cleaning schedule shall be immediately identified to the COR.

1.2.11. Access to Ducts. The contractor shall gain access to ducts, both interior and exterior. Contractor may disconnect and remove dryers, exhaust louvers, grills and duct access covers as necessary to gain access to the interior of exhaust ducts. Contractor shall reinstall dryers and ducting immediately after duct cleaning is completed in a facility. Contractor shall not cause damage to dryers, gas lines, electrical connections, and ducting. The contractor shall be responsible for making repairs to damages caused by the contractor at no additional cost to the government.

1.2.12. Duct Cleaning. The contractor shall monitor, schedule and clean ducts as needed to ensure ducts do not fill with lint, are clean and lint/dirt free and do not pose a fire/safety hazard. The contractor shall thoroughly clean all areas of the interior and exterior of dryer exhaust ducts and adjacent areas so that all traces of dirt, mildew, lint, etc., are removed. The contractor shall clean all components to the dryer exhaust duct system to include exhaust caps, grills, louvers, bird/insect screens, rain caps, exhaust fan hoods and the exterior of ducts if exposed. The contractor shall clean the floor area around all dryers, specifically behind the dryers where lint and trash accumulate. Floor shall be cleaned of all dirt, lint, grime, trash, etc.

1.2.12.1. In facilities where multi dryer ducts are available, the contractor will be allowed to shut off only one system at a time for cleaning.

1.2.13. Machine Reinstallation. The contractor shall reinstall all washers and dryers removed for work back to their original location (includes back in floor anchoring system where applicable). Contractor shall test gas line connections after dryers are reinstalled to ensure no gas leaks are present. Contractor shall make repairs to connections as necessary to correct any gas leaks. All washers and dryers shall be returned to operation at completion of work for each facility. The contractor shall routinely check all vent connections to ensure dryers exhaust ducts are connected to dryer flex hoses.

1.2.14. Machine Relocation. There may be instances when the contractor is responsible for temporarily removing machines from a building for renovations. Upon completion of renovations, contractor shall relocate machines and ensure they are fully operational. Contractor shall invoice against applicable Contract Line Item Number (CLIN)

1.2.15. Appliance Inventory. The contractor shall provide the COR with a complete and accurate inventory list of all machines installed within 10 business days of contract start. The inventory list shall contain, as a minimum, appliance type, size, serial number, assigned machine ID#, year of manufacture and building number where each machine is located. An updated and accurate inventory list shall be submitted to the COR within the first five business days of the first month of each quarter (October, January, April and July), or upon request of the CO or COR.

1.2.16. Phase-Out and Phase-In. The phase-out of old washers and dryers shall be performed during the last month of the contract. Both contractors shall work together to maintain washer and dryer capacity in each facility during each day of the phase-in and phase-out period. The new contractor shall submit a phase-in schedule five (5) days after contract award. The government will provide a copy of the phase-in schedule to the incumbent contractor. The new contractor shall coordinate installation of new machines with the incumbent contractor removing the old machines. The incumbent contractor shall remove old washers and dryers in accordance with the phase-in schedule. The incumbent contractor will not be allowed to store any washers and dryers on base. The new contractor shall submit a daily list of all washer and dryers placed that day to the COR. No facility shall be left without washer and dryers during the transition period.

1.2.17. Additions and Deletions of Washers/Dryers/Services. The government will provide the contractor with a written contract modification for any washer/dryer/duct cleaning additions or deletions. When possible, the government will provide a minimum of seven (7) calendar days advance notice for machine additions/deletions. In certain circumstances, it may be necessary for the contractor to store the ordered machines until building/facility is ready for equipment installation. Additions/Deletions shall be based on the current year's unit price for the same type of machine.

1.2.18. Temporary Support Requirements. In the event of mass deployments, natural disasters, temporary facility occupation and other events of a similar nature, the contractor shall

provide washers and dryers as requested by the government for a temporary period, with operational machines of the same type and age as other contractor furnished machines. The contractor shall place machines in any building on the installations regardless if it is part of the original requirement. Equipment/service may be required for several days, weeks or months. Pricing shall be in accordance with the submitted/established pricing for the type of equipment requested.

1.2.19. Washer and Dryer Usage. The contractor is advised that washers and dryers will receive very high usage, above normal wear and tear, due to the training missions on JBSA Lackland. The contractor can also expect to continually replace control knobs, lint screens, timers, screws, agitators, transmissions, etc., due to high usage, overloading etc.

1.2.20. Equipment Abuse. The contractor shall notify the COR in writing, immediately after discovering abuse to the equipment. The COR will go to the site with the contractor and verify if the equipment has been abused. Abused equipment is not subject to the time requirements of paragraph 1.2.1. The contractor shall submit in writing all equipment abuse items to the COR no later than three (3) business days of discovering the abuse, to include the cost of the replacement parts. Costs for equipment abuse is subject to the costs threshold and parts approval requirements within paragraph 1.2.4.2.

1.2.21. Clean-up. Contractor shall be responsible for leaving appliances and work areas clean at the end of each repair/inspection/replacement. Contractor shall dispose of trash, rubbish, parts, etc., at an off-base disposal site.

2. SERVICE SUMMARY. The contract service requirements are summarized in performance objectives that relate directly to mission essential items. The performance threshold briefly describes the minimally acceptable levels of service required for each requirement. The Service Summary (SS) provides information on contract requirements, the expected level of contractor performance and the expected method of government validation and confirmation of services provided. These thresholds are critical to mission success. Procedures as set forth in the FAR 52.212-4 (a), Contract Terms and Conditions – Commercial Items, Inspection/Acceptance, will be used to remedy all deficiencies. During the first initial 30 days of the contract, two additional errors on each work shall be allowed in an effort to identify normal phase-in problems.

PERFORMANCE OBJECTIVE	PWS PAR	MONTHLY PERFORMANCE THRESHOLD
SS-1 Washers and dryers are operating as designed	1.2	No more than 5 defects
SS-2 Replacement of unserviceable equipment within allotted time frame	1.2.1	No more than 1 defect

SS-3 Service tickets are picked up and completed within 48/60 hours IAW PWS Provides monthly maintenance and cleaning schedule; inventory listing current; inventory reports IAW PWS	1.2.1, 1.2.10, 1.2.15	No more than 1 defect
SS-4 Preventive maintenance is performed in accordance with schedule.	1.2.4.3, 1.2.7	No more than 3 defects
SS-5 Quality Control inspection procedures are followed and documented in accordance with Contractor's Quality Control Program (QCP)	2.1	No more than 1 defect
SS-6 The contractor shall monitor, schedule and clean ducts as needed to ensure ducts do not fill with lint, are clean and lint/dirt free and do not pose a fire/safety hazard	1.2.12	No more than 1 defect (life, health, safety)

2.1. Quality Control. The contractor shall develop and maintain a Quality Control Program to ensure services are performed in accordance with the PWS. The contractor shall develop and implement procedures to track, identify, prevent, remedy and ensure non-recurrence of defective service. The contractor is responsible for the quality control program to include updates to ensure compliance with the PWS.

2.1.1. Quality Control Plan (QCP). A written QCP shall be submitted as part of the contractor's proposal package. Any changes after initial QCP submission shall be provided to the CO prior to implementation.

2.2. Quality Assurance. The government shall inspect and evaluate the contractor's performance to ensure services are received in accordance with requirements set forth in this contract. The CO or COR shall inspect by validating actual work performance, physically checking an attribute of the completed task, checking a management information report, investigating customer complaints, conferring with facility managers, or otherwise inspecting the task or its results to determine if performance meets the standards contained in this PWS.

Any unsatisfactory inspection (defect) result shall be recorded on a Surveillance Checklist and the Contractor shall re-perform the service at no additional cost to the government within 2 hours after notification by the CO or COR. The Contractor shall return the signed/dated Surveillance

Checklist within 3 business days of receipt annotating what actions were taken to correct the discrepancy and what action will be taken to ensure no repeat discrepancies.

When a performance threshold has not been met, the COR will initiate a Contract Discrepancy Report (CDR) and submit to the CO. The CO will issue the CDR to the Contractor.. The Contractor shall respond to the CDR in accordance with instructions provided and return it to the CO within 10 calendar days of receipt. A Progress Meeting will be scheduled at minimum with the Contractor, CO, and COR.

Failing to meet the performance threshold as outlined in the SS of these performance objectives in any combination for any two, or more consecutive or non-consecutive months during a contract period shall result in a warning or letter of concern from the CO. All remedies shall be in accordance with the FAR 52.212-4(a), Contract Terms and Conditions - Commercial Items, and Inspection/Acceptance.

Corrected deficiencies shall still count against the contractor but will allow for full monthly payment. If re-performance will not correct the defects or is not possible, the government may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. Disputes between the COR and the contractor on the validity of a performance assessment shall be referred to the CO.

3. GOVERNMENT FURNISHED PROPERTY AND SERVICES.

3.1. Facilities. The government will not provide a building, room or trailer space on the installation for contractor use during the performance of the contract.

3.2. Utilities. The government will provide water, electricity and gas as needed in performance of work. The contractor shall provide all tools, equipment, and other items as necessary to perform tasks in accordance with the PWS.

3.3. Equipment. No Government Furnished Equipment will be provided during the performance of the contract.

4. GENERAL INFORMATION.

4.1. Hours of Operation. All work shall be performed during the normal duty day, 7:30 A. M. to 4:30 P. M., Monday thru Friday, except for federal holidays. Federal holidays include:

- New Year's Day
- Birthday of Martin Luther King Jr.
- Washington's Birthday

Memorial Day
Juneteenth
Independence Day
Labor Day
Columbus Day
Veteran's Day
Thanksgiving Day
Christmas Day

Arrangements may be made in the case of building modifications or washer/dryer installation to allow for weekend work at no additional cost to the government.

4.2. General Liability. The contracting officer shall require bodily injury liability insurance coverage written on the comprehensive form of policy of at least \$500,000 per occurrence.

4.3. Property Damage Liability. Property damage liability insurance shall be required only in special circumstances as determined by the agency.

4.4. Automobile Liability. The contracting officer shall require automobile liability insurance written on the comprehensive form of policy. The policy shall provide for bodily injury and property damage liability covering the operation of all automobiles used in connection with performing the contract. Policies covering automobiles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.

4.5. Performance of Services During Crisis Declared by the National Command Authority or Overseas Combatant Commander. Services under this contract have been determined not to be essential for performance during crisis.

4.6. Criminal Background Checks: Contractor shall ensure a criminal background check has been performed on all employees working on the installation. Only minimum level National Crime Information Center (NCIC) background checks are required for the performance of this contract. This requirement is mandatory as called for in AFI 10-245, Air Force Antiterrorism Standards, and paragraph 2.18. These checks shall be accomplished prior to the first day of performance. Background checks shall be accomplished at no additional cost to the government.

4.7. Security Requirements for Unclassified Services

4.7.1. Base Entry and Vehicle Control Requirements: Contractor shall comply with AFFARS Clause 5352.242-9000, "Contractor access to Air Force Installations" which is hereby

incorporated by reference if not otherwise included. Contractor personnel shall comply with all on-base traffic laws.

4.7.2. List of Employees: The contractor shall provide the COR a current list of employees within 5 calendar days after receiving award or Notice of Award. The list shall include employee's name, driver's license number, and state of issue and date of birth. Updated lists shall be provided when an employee's status or information changes.

4.7.3. Reporting Requirements: The contractor shall comply with AFI 71-101, Volume I, Criminal Investigations. Contractor shall report to the 802 Security Forces any information or circumstances which may pose a threat to DOD or contractor personnel, resources, or DOD information.

4.7.4. Physical Security: The contractor shall comply with Force Protection Condition FPCON procedures, Random Antiterrorism Measures (RAMS) and local search/identification requirements. Information in regards to the afore-mentioned items, may be provided on an as needed basis to the contractor.

4.8. Personnel: Contractor personnel shall present a neat appearance. Contractor personnel shall be easily recognizable while on the installation in conjunction with this contract. This shall be accomplished through the wear of distinctive clothing, bearing the company name or logo. The coloring or design of the items selected should be such that it identifies personnel easily and quickly for safety and personnel protection.

4.8.1. Restricted Personnel. The government is authorized to restrict the employment under the contract of any contractor employee or prospective contractor employee, who is identified as a potential threat to the health, safety, security, general wellbeing, or operational mission of the installation and its population.

4.9. Vehicles. All contractor furnished vehicles shall display the contractor's company logo and vehicle number. Company logo shall be a magnetic sign or painted/stenciled on both sides of the vehicle and shall be easily visible/legible to base personnel.

5. Appendices.

Appendix 1 Estimated Quantities and Locations

Appendix 2 Historical Data of Service Calls

Appendix 3A Bi-Monthly Dryer Duct Cleaning

Appendix 3B Quarterly Dryer Duct Cleaning

Appendix 3C Annual Dryer Duct Cleaning

APPENDIX 1
ESTIMATED QUANTITIES AND LOCATION OF
WASHERS AND DRYERS

Bldg No.	Floor	No. of Washers	No. of Dryers	Dryer Type
				E = Electric
JBSA - LACKLAND TNG ANNEX				G = Gas
126	1	8	12	E 18 LB STACKABLE
	2	10	12	E 18 LB STACKABLE
	3	10	12	E 18 LB STACKABLE
127	1	12	18	E 18 LB STACKABLE
	2	11	18	E 18 LB STACKABLE
	3	11	18	E 18 LB STACKABLE
150	1	2	2	E
181	1	2	2	E
199	1	1	1	E
1111	1	4	4	E (BEAST 1)
1115	1	4	4	E (BEAST 2)
1118	1	4	4	E (BEAST 3)
1125	1	4	4	E (BEAST 4)
JBSA - LACKLAND				
1212	1	7	8	G
		1 LC		
1215	1	6	9	E
		1 LC		
1217	1	6	9	E
		1 LC		
1219	1	6	9	E
		1 LC		
1400	1	3	4	E
	1	1 LC		E
	2	4	4	E
	3	4	4	
1405	1	3	4	E
	1	1 LC		E
	2	4	4	E
	3	4	4	
1410	1	3	4	E
	1	1 LC		E
	2	4	4	E
	3	4	4	

1424	1 1 1	8 1 LC 9	12 12	E 18 LB STACKABLE E 18 LB STACKABLE
2418	1	1	1	G
2437	1	2	2	G
2441	1 2 3	2 2 2	2 2 2	G G G
2445	1 2 3	2 2 2	2 2 2	G G G
2447	1 2 3	2 2 2	2 2 2	G G G
3610	1 2	3 3	3 3	G G
3620	1	8	8	G
4985	1	3	3	E
5214	1	1	1	E
5570 EAST WEST	1 1	11 11	12 12	G 30 LB STACKABLE G 30 LB STACKABLE
6578	2 3 4	24 24 24	32 32 32	E 18LB STACKABLE E 18LB STACKABLE E 18LB STACKABLE
6586	2 3 4	24 24 24	32 32 32	E 18LB STACKABLE E 18LB STACKABLE E 18LB STACKABLE
6588	2 3 4	24 24 24	32 32 32	E 18LB STACKABLE E 18LB STACKABLE E 18LB STACKABLE
6596	2 3 4	24 24 24	32 32 32	E 18LB STACKABLE E 18LB STACKABLE E 18LB STACKABLE
Dorm 5 Anticipate d opening 5/3/2023	2 3 4	24 24 24	32 32 32	E 18LB STACKABLE E 18LB STACKABLE E 18LB STACKABLE
Dorm 6 Anticipate d opening	2 3 4	24 24 24	32 32 32	E 18LB STACKABLE E 18LB STACKABLE E 18LB STACKABLE

4/4/2023				
7065				
EAST	1	10	10	G 30 LB STACKABLE
WEST	1	4	4	G 30 LB STACKABLE
7346	1	1	2	E, G
7358	B	4	4	E
7425	1	6	6	G
	2	6	6	G
7426	1	6	6	G
	2	6	6	G
7435	2	9	9	G
7436	2	10	10	G
7460	3	16	16	G
7468?	1	1	1	E
9085				
EAST	1	0	0	Bldg closed for renovation effective Feb 2019, will be reopened during contract PoP
WEST	1	0	0	G 30 LB STACKABLE
				G 30 LB STACKABLE
				Date of occupancy not yet established
9110				
EAST	1	11	14	G 30 LB STACKABLE
WEST	1	11	14	G 30 LB STACKABLE
9122	2	2	2	E
9210				
EAST	1	11	12	G 30 LB STACKABLE
WEST	1	11	12	G 30 LB STACKABLE
9310				
EAST	1	11	14	G 30 LB STACKABLE
WEST	1	11	14	G 30 LB STACKABLE
10060	1	32	29	G
10207	1	50	46	G
10263	1	48	86	G 18 LB STACKABLE
10330	1	1	1	E
10390	1	32	29	G
10416				
EAST	1	10	12	G 30 LB STACKABLE
WEST	1	10	12	G 30 LB STACKABLE
10504	1	15	26	E 18 LB STACKABLE
	2	15	26	E 18 LB STACKABLE
	3	15	26	E 18 LB STACKABLE
	4	15	26	E 18 LB STACKABLE

10541	1	25	23	G
10650	2	4	4	E
	2	3	3	E
10652	2	4	4	E Anticipated Date of occupancy FY25
	2	3	3	E
10656	2	4	4	E Anticipated Date of occupancy FY25
	2	3	3	E
10802	2	7	7	E Combination stacked washer/dryer
	2	7	7	E Combination stacked washer/dryer
10804	2	7	7	E Combination stacked washer/dryer
	2	7	7	E Combination stacked washer/dryer Anticipated Date of occupancy FY25
10806	2	7	7	E Combination stacked washer/dryer
	2	7	7	E Combination stacked washer/dryer
JBSA-LACKLAND KELLY ANNEX				
868	1	1	1	E
2086	1	1	1	G
Estimated Totals		989 1133 projected 8 large capacity	1,224 1416 projected	120 Electric 232 Gas 301 Electric 18 lb stackable dryers (each machine has two drums = 602 drums) 43 Gas 18 lb stackable dryers (each machine has two drums = 86 drums) 71 Gas 30 lb stackable dryers (each machine has two drums = 142 drums) 42 Electric Combination Washer/Dryer Stackable (each machine has two drums = 84 drums)

B = BASEMENT, E = ELECTRIC, G = GAS, LBS = POUNDS, LC = LARGE CAPACITY (30LB MIN)

Stackable dryers are reflected above as individual drums, rather than sets

**APPENDIX 2
HISTORICAL DATA
WASHER/DRYER SERVICE CALLS**

Historical data is provided for informational purposes only. This data represents the total number of service calls for the approximately 2,500+ machines provided to the government on the previous washer/dryer service contract. All types of repairs are included from FY19 through FY22.

	FY19	FY20	FY21	FY22
OCTOBER	14	18	12	21
NOVEMBER	18	9	2	7
DECEMBER	11	4	3	
JANUARY	15	10	1	
FEBRUARY	8	3	3	
MARCH	6	3	24	
APRIL	4	23	10	
MAY	1	3	29	
JUNE	3	8	15	
JULY	5	7	21	
AUGUST	4	8	9	
SEPTEMBER	2	8	24	
	91	195	153	

**APPENDIX 3A
DRYER DUCT**

Recommended Bi-Monthly Cleaning Schedule (Every Other Month)

BLDG NO.	BLDG	FLOOR LOCATIO N	# DUCT S	DUCT SIZE	REMARKS
181	Dorm	1 st	2	4" diameter x 10' long 4" diameter x 30' long	
1215	Dorm	1 ST	1	12" x 16" x 21' long	9 dryers connected to central duct
1217	Dorm	1 st	1	12" x 16" x 21' long	9 dryers connected to central duct
1219	Dorm	1 st	1	12" x 16" x 21' long	9 dryers connected to central duct

3620	TLF	1 st	1	8" long x 12" x 12" long	8 dryers connected to central duct
5570	DLI	1 st Room	1	12" x 24" x 15' long	12 dryers connected to central duct
		2 nd Room	1	12" x 24" x 15' long	8 dryers connected to central duct
6578	ATC	1 st	1	10" diameter X 15' long	From flex duct to vertical duct Same as above
		2 nd	4	10" diameter X 15' long	Same as above
		3 rd	4	10" diameter X 15' long	Same as above
		4 th	4	10" diameter X 15' long	(1 st Floor) Vertical duct 1 st to 2 nd floor duct expansion with duct clean out on 1 st floor at bottom of vertical duct
				10" diameter X 15' long	(2 nd Floor) Vertical duct 2 nd to 3 rd floor duct expansion
				10" X 15' long	(3 rd Floor) Vertical duct 3 rd to 4 th floor expansion
				14" X 15' long	(4 th Floor) Vertical duct 4 th floor to duct clean out in mechanical room at exhaust fan motor
6586	ATC	1 st	1	10" diameter X 15' long	(Mechanical Room) Exhaust duct from exhaust fan to exit from building
		2 nd	4	10" diameter X 15' long	
		3 rd	4	10" diameter X 15' long	
		4 th	4	10" diameter X 15' long	
				10" X 15' long	
				22" X 15' long	
				22" X 105' long	

				14" X 15' long 18" X 15' long 22" X 15' long 22" X 105' long	(4 th Floor) Vertical duct 4 th floor to duct clean out in mechanical room at exhaust fan motor (Mechanical Room) Exhaust duct from exhaust fan to exit from building
6588	ATC	1 st 2 nd 3 rd 4 th	1 4 4 4	10" diameter X 15' long 10" diameter X 15' long 10" diameter X 15' long 10" diameter X 15' long 10" X 15' long 14" X 15' long 18" X 15' long 22" X 15' long 22" X 105' long	From flex duct to vertical duct Same as above Same as above Same as above (1 st Floor) Vertical duct 1 st to 2 nd floor duct expansion with duct clean out on 1 st floor at bottom of vertical duct (2 nd Floor) Vertical duct 2 nd to 3 rd floor duct expansion (3 rd Floor) Vertical duct 3 rd to 4 th floor expansion (4 th Floor) Vertical duct 4 th floor to duct clean out in mechanical room at exhaust fan motor (Mechanical Room) Exhaust duct from exhaust fan to exit from building
6596	ATC	1 st 2 nd 3 rd 4 th	1 4 4 4	10" diameter X 15' long 10" diameter X 15' long 10" diameter X 15' long 10" diameter X 15' long 10" X 15' long	From flex duct to vertical duct Same as above Same as above Same as above (1 st Floor) Vertical duct 1 st to 2 nd floor duct expansion with duct clean out on 1 st floor at bottom of vertical duct

				14" X 15' long 18" X 15' long 22" X 15' long 22" X 105' long	(2 nd Floor) Vertical duct 2 nd to 3 rd floor duct expansion (3 rd Floor) Vertical duct 3 rd to 4 th floor expansion (4 th Floor) Vertical duct 4 th floor to duct clean out in mechanical room at exhaust fan motor (Mechanical Room) Exhaust duct from exhaust fan to exit from building
65?	ATC	1 st 2 nd 3 rd 4 th	1 4 4 4	10" diameter X 15' long 10" diameter X 15" long 10" diameter X 15' long 10" diameter X 15' long 10" X 15' long 14" X 15' long 18" X 15' long 22" X 15' long 22" X 105' long	From flex duct to vertical duct Same as above Same as above Same as above (1 st Floor) Vertical duct 1 st to 2 nd floor duct expansion with duct clean out on 1 st floor at bottom of vertical duct (2 nd Floor) Vertical duct 2 nd to 3 rd floor duct expansion (3 rd Floor) Vertical duct 3 rd to 4 th floor expansion (4 th Floor) Vertical duct 4 th floor to duct clean out in mechanical room at exhaust fan motor (Mechanical Room) Exhaust duct from exhaust fan to exit from building
65?	ATC	1 st 2 nd 3 rd 4 th	1 4 4 4	10" diameter X 15' long 10" diameter X 15" long 10" diameter X 15' long	From flex duct to vertical duct Same as above Same as above Same as above (1 st Floor) Vertical duct 1 st to 2 nd floor duct expansion with

				10" diameter X 15' long 10" X 15' long 14" X 15' long 18" X 15' long 22" X 15' long 22" X 105' long	duct clean out on 1 st floor at bottom of vertical duct (2 nd Floor) Vertical duct 2 nd to 3 rd floor duct expansion (3 rd Floor) Vertical duct 3 rd to 4 th floor expansion (4 th Floor) Vertical duct 4 th floor to duct clean out in mechanical room at exhaust fan motor (Mechanical Room) Exhaust duct from exhaust fan to exit from building
7065	DLI	1 st Room 2 nd Room	4 4	12" x 24" x 15' long same as above	
7460	DLI Billetin g	3	1 1	3" diameter x 22' long 3" diameter x 12' long	
9085	RH&T	1 st	2	18" x 24" x 15' long 8" diameter x 6' long	12 dryers connected to each duct
9110	RH&T	1 st	2	18" x 24" x 15' long 8" diameter x 6' long	14 dryers connected to each duct
9210	RH&T	1 st	2	18" x 24" x 15' long 8" diameter x 6' long	14 dryers connected to each duct
9310	RH&T	1 st	2	18" x 24" x 15' long 8" diameter x 6' long	14 dryers connected to each duct
10060	Billetin g	1 st	3	18" x 18" x 30' long	29 dryers connected to central ducts

10207	Billetin g	1 st	3	18" x 18" x 30' long	46 dryers connected to central ducts
10263	Billetin g	1 st	3	18" x 18" x 30' long	86 dryers connected to central ducts
10390	7 Level Dorm	1 st	2	10" x 14" x 40' long	29 dryers connected to central duct
10416	RH&T	1 st	2	30" x 36" x 17' long	12 dryers connected to each duct
10541	Billetin g	1 st	3	18" diameter x 30' ' long	23 dryers connected to central ducts

APPENDIX 3B DRYER DUCT

Recommended Quarterly Cleaning Schedule

BLD G NO.	BLDG	FLOOR LOCATIO N	# DUCT S	DUCT SIZE	REMARKS
126	LTA Dorm	1 st 2 nd 3 rd	1 1 1	24" x 24" x 22' long same as above same as above	12 dryers each floor w/6" x 12" adapter, all connected to central duct
127	LTA Dorm	1 st 2 nd 3 rd	1 1 1	24" x 24" x 22' long same as above same as above	18 dryers each floor w/6" x 12" adapter, all connected to central duct
1400	Dorm	1 st 2 nd 3 rd	4 4 4	3" diameter x 8' long same as above same as above	Connected together in wall
1405	Dorm	1 st 2 nd 3 rd	4 4 4	3" diameter x 8' long same as above same as above	Connected together in wall
1410	Dorm	1 st 2 nd 3 rd	4 4 4	3" diameter x 8' long same as above same as above	Connected together in wall
2086	KFA Gym	1 st	1	8" x 5' x 12' long	
2437	Billetin g	1 st	1	6" x 6" x 4' long	2 dryers connected to central duct

2441	Billetin g	1 st 2 nd	1 1	6" x 6" x 8' long same as above	
2445	Billetin g	1 st 2 nd	1 1	6" x 6" x 8' long same as above	
2447	Billetin g	1 st 2 nd	1 1	6" x 6" x 8' long same as above	
3610	TLF	1 st 2 nd	3 3	6" x 10" x 8' long same as above	
7346	Gym	1 st	1 1	6' x 9" x 12' long 4' x 10' long	
7425	DLI	2 nd	1	6" x 30" x 18' long	6 dryers connected to central duct
7426	DLI	2 nd	1	6" x 30" x 18' long	6 dryers connected to central duct
7435	DLI	2 nd	1	6" x 30" x 18' long	10 dryers connected to central duct
7436	DLI	2 nd	1	6" x 30" x 18' long	10 dryers connected to central duct
9122	Dorm	2 nd	1	4"x84" feeds into 6"x24"	2 dryers connected to central duct
10330	Gatewa y Gym	1 st	1	3" diameter x 12' long	
10504	Dorm	1 st 2 nd 3 rd 4 th	1 1 1 1	10" into 12" X 15' long same as above same as above same as above	
10650	Dorm	2 nd	2	3" diameter x 8' long	7 dryers connected to duct in wall
10652	Dorm	2 nd	2	3" diameter x 8' long	7 dryers connected to duct in wall
10656	Dorm	2 nd	2	3" diameter x 8' long	7 dryers connected to duct in wall
10802	Dorm	1 st 2 nd	1 1	3" diameter x 8' long same as above	7 dryers connected to duct in wall same as above
10804	Dorm	1 st 2 nd	1 1	3" diameter x 8' long same as above	7 dryers connected to duct in wall same as above
10806	Dorm	1 st 2 nd	1 1	3" diameter x 8' long same as above	7 dryers connected to duct in wall same as above

**APPENDIX 3C
DRYER DUCT****Recommended Annual Cleaning Schedule**

BLD G NO.	BLDG	FLOOR LOCATIO N	# DUCT S	DUCT SIZE	REMARKS
199	Gym	1 st	1	3" Diameter x 12" long	
2418	Gym	1 st	1	3" diameter x 12" long	
4985	Dorm	1 st	3	3" diameter x 12" long	