

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, &amp; 30</b>				1. REQUISITION NO. 691-B50003		PAGE 1 OF	
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE		4. ORDER NO.		5. SOLICITATION NUMBER VA797R-15-R-0013	
						6. SOLICITATION ISSUE DATE 04-28-2015	
7. FOR SOLICITATION INFORMATION CALL:		a. NAME Patricia Gibson		b. TELEPHONE NO. (No Collect Calls) 708-786-4987		8. OFFER DUE DATE/LOCAL TIME 06-5-2015 2:00 PM CT	
9. ISSUED BY Department of Veterans Affairs OAL/National Acquisition Center Building 37 1st Avenue, One Block North of Cermak Hines IL 60141				10. THIS ACQUISITION IS <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> UNRESTRICTED OR <input checked="" type="checkbox"/> SET ASIDE: 100 % FOR: <input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM NAICS: 333318 <input type="checkbox"/> EDWOSB <input type="checkbox"/> 8(A) SIZE STANDARD: 1000 Employees			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		13b. RATING N/A	
				14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP			
15. DELIVER TO Department of Veterans Affairs VA Medical Center 13301 Wilshire Blvd. Laundry Facility Bldg. #508 Los Angeles CA 90073				16. ADMINISTERED BY Department of Veterans Affairs OAL/National Acquisition Center Building 37 1st Avenue, One Block North of Cermak Hines IL 60141			
17a. CONTRACTOR/OFFEROR CODE		FACILITY CODE		18a. PAYMENT WILL BE MADE BY Department of Veterans Affairs OAL/National Acquisition Center Building 37 / Fiscal Division 1st Avenue, One Block North of Cermak Hines IL 60141			
TELEPHONE NO.		DUNS:		DUNS+4:		PHONE: FAX:	
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER				18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
1	Flatwork Separator Machine with Feed Conveyor			2	EA		
2	Thermal Fluid Ironer with Spreader Feeding Machine			2	EA		
3	Blanket Folder System			1	EA		
(Use Reverse and/or Attach Additional Sheets as Necessary)							
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT (For Govt. Use Only)	
<input checked="" type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA						<input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED. <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED	
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED				<input type="checkbox"/> 29. AWARD OF CONTRACT: REF. _____ OFFER DATED _____. YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)			
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) Patricia Gibson Contracting Officer		31c. DATE SIGNED	

REVISED: The purpose of this amendment is to separate the requirement for the sheet separator from the ironing system. The following is now required:

**ITEM 1 – Flatwork Separator Machine with Feed Conveyor:**

**Ordering Data Flatwork Separator Machine with Feed Conveyor:**

Furnish and install two (2) each – Flatwork Separator Machines with feed conveyor. Flatwork Separator Machine shall be capable of meeting ironer production requirements. Flatwork Separator Machines shall remove individual pieces from baskets of washed and extracted flatwork, and present the pieces directly to feeding conveyor to equipment operators.

1. The unit will operate with flatwork straight from the washing cycle without any preparation. This includes extracted, partially conditioned.
2. Flatwork Separator Machine shall be capable of producing 1080 sheets per hour.
3. The separator shall have a color touch screen controls & information systems” that incorporate automatic/manual machine operation, self-testing, fault display and built-in diagnostics.
4. Flatwork Separator Machine shall be installed and leveled and have a leveling device installed on the machine.
5. Workloads can arrive in laundry carts or from conveyors and slings.
6. Unit will operate in a fully automatic mode. The unit will pick as long as there is flatwork to be separated. It will stop when the supply is substantially exhausted or there is no room on the discharge side. Audible/visible alarm when feed source must be changed.
7. Electronic circuit boards include LEDs for simple troubleshooting of electronic circuits.
8. Furnish and install one (1) each for each system a new 480 volt power disconnect box for the flatwork separator system. Install a red warning indicator and a lock-on device on the handle of the branch circuit breaker for the power supply circuit for dryer to within six (6) feet of the floor. Electrical Requirements - 480 volts, 3 phase, 60 hertz.
9. Safety micro switches shall be installed on all doors of the separator so that when a door is opened, the machine shuts down. Doors will be labeled accordingly.
10. For allowing visual observation of the mechanical systems, install a minimum of 3/8 inches in thickness scratch and shatter-proof, clear (for the equipment life expectancy), Lucite side panels on both the right and left sides of the separator machine in lieu of metal side panels.

11. Panels shall be protected with a guard around the center to prevent carts or other devices from damaging the panels. Panels shall be equipped with fasteners/locks to secure them to the system.
12. All electrical and operational switches/buttons shall be labeled. All labeling shall be on laminated plastic nameplates. Nameplates shall be laminated phenolic with a colored surface and white core.
13. An hour meter shall be installed on the separator machine to show the actual run time of the spreader feeder machine for maintenance.
14. Install rated air ball valves with pressure relief for lock-out tag-out requirements.
15. An illuminating (when activated) emergency stop button (colored RED) shall be installed on the separator that when activated shall render the separator inoperable. All emergency stop buttons shall have yellow backgrounds with legends. The separator machine shall also be equipped with a normal stop button colored Red.
16. Ethernet connections shall be installed on all the flatwork separators that will allow for trouble shooting mechanical/operational problems from factory technicians. 2 each Back-up program thumb drives will be supplied with each piece of equipment so that if programs are lost due to equipment failure, programs can be reinstalled on the equipment

## **Item # 2 –Thermal Fluid Ironer with Spreader Feeding Machine**

### **2A Medium Production Combination Spreader Feeding Machine:**

Furnish and install two (2) each – clip or clip-less spreader feeding machines with large piece vacuum. Spreader feeder shall be capable of meeting ironer production requirements. 2 each Back-up program thumb drives will be supplied with each piece of equipment so that if programs are lost due to equipment failure, programs can be reinstalled on the equipment

1. Combination spreader feeding machine shall be capable of producing 1080 sheets per hour, 1080 pillowcases per hour, 900 (36 inches X 36 inches) double thickness cotton surgical wraps per hour, 900 (24 inches X 24 inches) double thickness cotton surgical wraps per hour.
2. Automatic combination spreader feeding machine shall be capable of feeding large pieces through the feeding device into the flatwork ironer.
3. Electrical characteristics - 480 volts, 3 phase, 60 cycles.
4. Spreader feeding machine shall be installed leveled and have a leveling device installed on the machine.
5. Spreader-feeding machines shall be equipped with four (4) lockable casters.

6. Spreader feeding machines shall have a color touch screen controls and have an adjustable speed control installed that is capable of adjusting and synchronizing the speeds of the spreader feeding machine, flatwork ironer, and folder cross folder and stacker from one location.
7. Each loading station shall be equipped with a counter to determine the number of sheets being processed.
8. The machine shall be provided with quality grading controls mounted at each station and shall operate in conjunction with grading controls provided with the existing folder-cross folders. The quality grading controls will be for tears and stains.
9. An illuminating (when activated) emergency stop button (colored RED) inter-locked with the entire ironing system and when activated shall render the entire ironing system inoperable. Yellow background with legends shall also be installed. The spreader feeder machine shall also be equipped with a normal stop button colored Red. All operational and functional buttons/switches shall be labeled as to the function of the button or switch.
10. Safety micro switches shall be installed on all doors of the spreader feeding machine so that when a door is opened, the machine shuts down.
11. Spreader feeding machines will have capabilities of feeding large piece items either with clips or clip-less.
12. The spreader feeder machines shall be programmed with a waxing program that will automatically adjust the speeds of the ironing system and shut off the vacuum of the ironer during the waxing program.
13. For allowing visual observation of the mechanical systems, install a minimum of 3/8 inches in thickness scratch and shatter-proof, clear (for the equipment life expectancy), Lucite side panels on both the right and left sides of the spreader feeder machine in lieu of metal side panels.
14. Panels shall be mounted flush with the sides of the system.
15. Panels shall be protected with a guard around the center to prevent carts or other devices from damaging the panels. Panels shall be equipped with fasteners/locks to secure them to the system.
16. Spreader feeder machines shall be equipped with red, green and yellow production status indicator lights.
17. The spreader feeder shall include a pneumatically controlled swing away or retractable discharge conveyor that allows for access to the feed table of the ironer without moving the feeder for feeding small pieces.

18. All electrical and operational switches/buttons shall be labeled. All labeling shall be on laminated plastic nameplates. Nameplates shall be laminated phenolic with a colored surface and white core.
19. An hour meter shall be installed on each spreader feeder machine that will show actual hours of run time of the spreader feeders.
20. The spreader feeder machine shall have four (4) green feeding belts/ribbons installed to identify the four feeding lanes center for feeding small pieces into the ironer. The spreader feeder shall also have two (2) blue colored feeding belts/ribbons to identify the center for large piece two lane feeding operations.

**2B Ordering Data (Medium Production Thermal Fluid Flatwork Ironer):**

Furnish and install two (2) each, self-contained thermal fluid heated flatwork ironers. The flatwork ironer shall have a color touch screen controls & information systems" that incorporate automatic/manual machine operation, self-testing, fault display and built-in diagnostics. The flatwork ironing systems shall consist of:

1. Ironer, Flatwork, 2 or 3 Large Roll, Commercial (Apron-less) self-contained thermal fluid heated flatwork ironer with canopy and power exhaust through roof. Exhausting ventilating canopy that conforms to the manufacturer's standard method of exhausting heat from the rolls will be considered. All exhaust duct work shall have fire access/cleanout doors installed. All exhaust duct work shall be new from the ironer through the roof.
2. The self-contained thermal fluid ironers shall consist of the following:
  - a) The flatwork ironer shall have a working width to accommodate the largest flatwork processed at the facility.
  - b) The flatwork ironer shall have equal roll pressure along the chests.
  - c) The flatwork ironer chests shall be of the manufacturers standard chest type and shall be polished.
  - d) The flatwork ironer shall have all pipes flanged and shall be reachable from the side of the ironer
  - e) The flatwork ironer shall have chests shall be equipped with air-vents.
  - f) The flatwork ironer shall have adjustable contact pressure between roll and chest.
  - g) The flat work ironer shall have 2 preset contact pressures activated via program.

- h) The flatwork ironer shall be provided with an adjustable vacuum system which shall allow moisture to be evacuated through each perforated roll.
- i) The flatwork ironer rolls shall have roller bearings on both shaft ends.
- j) The flatwork ironer shall be equipped with each roll capable of rising out of and lowering into each chest. Each roll shall lock in the raised position to prevent accidental lowering if loss of air pressure should occur.
- k) The flatwork ironer shall have an infinitely variable roll speed using one inverter control that is capable of maintaining a constant ironing speed. The flatwork ironer speed range shall be a minimum of 50 fpm up to a least of 170 fpm adjusted automatically via preset programs. Ironer speed shall be shown on the control panel.
- l) The flatwork ironer shall be equipped with an appropriately sized drive motor and must be capable of reversing the rolls.
- m) The flatwork ironer shall have an emergency brake capable of stopping the roll within 0.3sec after the finger bar or one of the emergency stop have been activated.
- n) The flatwork ironer shall be provided with a canopy that covers each roll to reduce heat radiation and meet OSHA requirements.
- o) If ironer tapes are not serviced at the front of the ironer, the flatwork ironer shall be provided with cat walks, handrails and a ladder as well as a remote start and stop to facilitate servicing the ironer tapes.
- p) The flatwork ironer shall be provided with chest insulation of at least 4" around the chest and of at least 2" on the side frame to reduce heat radiation.
- q) The flatwork ironer shall be of modular construction to provide ease of installation and shall require no anchoring.
- r) The flatwork ironer rolls shall be covered with factory installed spring press. Two Nomex or Aramide needle-felt padding shall be supplied with the flatwork ironer for each roll for installation at time of assembly. A second set Nomex or Aramide needle-felt padding shall be supplied with the flatwork ironers for each roll as spares.
- s) The flatwork ironer shall have an Alarm if waxing of chests is needed (adjustable.)
- t) The flatwork ironer shall have an Alarm for low oil level in the expansion tank. The expansion tank shall have a device to remove the water from the oil.
- u) The flatwork ironer shall have an Alarm for low air pressure.

- v) The flatwork ironer shall have an automatic roll pressure reduction feature when not in use. The rolls shall automatically rise in the event of a power interruption to avoid scorching flatwork and ironer padding.
  - w) The flatwork ironer shall include a device that shall provide automatic guide tape tensioning as well as simultaneous manual lateral adjustment capability of all guide tapes to prevent guide tape tracking from forming indentations and increased wear on the roll covers.
  - x) If ribbons are replaced from the rear of the ironer, a rear work platform shall be installed with a minimum 24 inch platform for the safety of employees.
  - y) The flatwork ironer shall have a digital temperature to display exhaust temperature in 1st roll, the oil inlet temperature of the chest, the flue gas outlet.
  - z) The flatwork ironer shall have a fully adjustable operating temperature between 300-400 F.
  - aa) Provide new heavy duty wall mounted 12 x 24 cabinet with spill response kit consisting of at a minimum spill socks, pads, pair of rubber gloves, pair of safety goggles, disposable bags and ties, etc., for each ironing system offered.
3. Production standards are - 1080 sheets per hour, 1080 pillowcases per hour, 900 (36 inches X 36 inches) double thickness cotton surgical wraps per hour, 900 (24 inches X 24 inches) double thickness cotton surgical wraps per hour.
  4. Electrical characteristics - 480 volts, 3 phase, 60 cycles.
  5. Ironers shall be installed level.
  6. Roll guards (colored RED) required.
  7. Electrical reversing of drives required.
  8. Underside of chest shall be insulated.
  9. Safety micro switches shall be installed on all doors of the ironer so that when a door is opened, the machine shuts down.
  - 10 The flatwork ironer shall have a waxing program installed that will automatically turn off the vacuum during waxing and cleaning operations.
  11. Furnish and install two (2), fifty (50) foot blow-down devices with automatic wind up hose reel, capable of reaching around the ironing system. Blow-down devices shall include gauged air pressure regulators capable of regulating air pressure from 0 PSI to 30 PSI. Location of these blow down devices shall be in the front and rear of the flatwork ironers.

12. Install 360-degree sphere mirrors above the ironer systems that shall allow visual observation of, ironer and folder operation.
13. Thermocouples shall be installed on each end of the ironer chest or rolls with remote digital temperature readouts. Digital LED display shall be a minimum 1/2-inch in height.
14. Thermocouple shall be installed on the incoming hot water supply line with remote digital temperature readout. Digital LED temperature display shall be a minimum 1/2-inch in height.
15. Thermocouple shall be installed on the condensate hot water return line with remote digital temperature readout. Digital LED temperature display shall be a minimum 1/2-inch in height.
16. Thermocouples shall be installed on the transfer/gap plates (if applicable) with remote digital temperature readout. Digital LED temperature display shall be a minimum 1/2-inch in height.
17. Thermocouple shall be installed on the exhaust of the ironer with remote digital temperature readout. Digital LED temperature display shall be a minimum 1/2-inch in height.
18. All remote digital LED temperature readouts for above thermocouples shall be located within the same area of the ironer, behind clear side Lucite panels, and labeled.
19. For allowing visual observation of the mechanical systems, install scratch and shatter-proof, clear (for the equipment life expectancy), Lucite side panels / doors on both the right and left sides of the, ironer, and folder in lieu of metal side panels.
20. Panels shall be mounted with-in the doors, flush with the sides of the system and shall be a minimum of 3/8 inches in thickness.
21. Panels / doors shall be protected with a guard around the center to prevent carts or other devices from damaging the panels. Panels / doors shall be equipped with fasteners/locks to secure them to the system.
22. Ironer shall be equipped with an illuminating emergency stop buttons (colored RED) when activated at each end of the ironer, interlocked with the entire ironing system and when activated shall render the entire ironing system (spreader feeder, ironer, folder cross folder and stacker) inoperable. Yellow background with legends shall also be installed. The ironer shall also be equipped with a normal equipment stop button (colored RED). All operational and functional buttons/switches shall be labeled as to the function of the button or switch.
23. Provide 4-Plex GFI receptacles at each equipment location for mechanics use.



24. An hour meter shall be installed on each folder that will show actual hours of run time of the ironers.
25. Spreader Feeder machines and Thermal Fluid ironers shall be inter-locked with the existing Chicago Folder Cross Folders to make complete systems that includes emergency stops and quality grading.
26. The flatwork ironers shall be equipped with a totalizing non-resettable gas meter. The non-resettable gas meters are required for each flatwork ironer and heater to prove fuel consumption is less than the heat input limit in therms per year specified in California Rule 1146.
27. Sufficient fresh air supply is essential to ensure optimum combustion and the area of air supply openings must be in compliance with applicable codes and regulations. Air openings must be kept wide open when the burner is firing and clear from restriction to flow as specified in California Rule 1146.
28. Proper venting is essential to assure efficient combustion. Insufficient draft or overdraft will promote hazards and inefficient burning. The successful offeror shall insure that vents are in good condition, sized properly and with no obstructions.

**Item # 3 – Blanket Folder System:**

- A. Furnish and install one (1) each, color touch screen controls & information systems” that incorporate automatic/manual machine operation, self-testing, fault display and built-in diagnostics controlled, two (2) operator spreader-feeding machine that is capable of feeding thermal blankets, bath blankets and bed spreads through the feeding device into a folder-cross folder. Each station shall be equipped with counters. Spreader-feeding machine shall be capable of meeting blanket production requirements of 500 thermal blankets per hour, 500 bath blankets per hour, 500 bed spreads per hour. Thermal blankets, bath blankets and bed spreads will each run separately.
- B. One (1) each, color touch screen controls & information systems” that incorporate automatic/manual machine operation, self-testing, fault display and built-in diagnostics controlled, folder-cross folder and stacker with return to feed conveyor. Quality grading controls are required.
- C. One (1) each, 360 degree sphere mirror shall allow visual observation of feeder, folder and stacker operation.

**3 A. Ordering Data Production Blanket Spreader Feeding Machine**

Furnish and install 1 (ea), two (2) station, clip or clip-less blanket spreader feeding machine. Spreader feeder shall be capable of meeting blanket production requirements. The blanket folder shall include digital piece counters and discharge to an existing clean take-away conveyor. 2 each Back-up program thumb drives will

be supplied with each piece of equipment so that if programs are lost due to equipment failure, programs can be reinstalled on the equipment

1. Blanket spreader feeding machine shall be capable of producing 500 thermal blankets per hour, 500 bath blankets per hour, 500 bed spreads per hour. Thermal blankets, bath blankets and bed spreads will each run separately.
2. Automatic blanket spreader feeding machine shall be capable of feeding thermal blankets, bath blankets and bed spreads through the feeding device into the folder without moving the blanket spreader-feeding machine.
3. Furnish and install new 480 volt power disconnect box for the new dryer. Install a red warning indicator and a lock-on device on the handle of the branch circuit breaker for the power supply circuit for the dryer to within six (6) feet of the floor. **Electrical characteristics - 480 volts, 3 phase, 60 cycles.**
4. Blanket spreader feeding machine shall be installed, leveled and have a leveling device installed on the machine.
5. Blanket spreader-feeding machine shall be equipped with four (4) lockable casters.
6. Blanket spreader feeding machine shall be color touch screen controls & information systems that incorporate automatic/manual machine operation, self-testing, fault display and built-in diagnostics controlled and capable of being programmed for each item.
7. Each loading station shall be equipped with a LED counter to determine the number of blankets being processed.
8. The blanket folding machine shall be provided with quality grading controls mounted at each station and shall operate in conjunction with grading controls provided with the blanket folder-cross folder. The quality grading controls will be for tears and stains.
9. An illuminating (when activated) emergency stop button, (colored RED) with yellow background and legends shall be inter-locked with the entire blanket folding system and when activated shall render the entire system inoperable. The blanket spreader feeder machine shall also be equipped with a normal stop button colored Red.
10. Safety micro switches shall be installed on all doors of the spreader feeding machine so that when a door is opened, the machine shuts down.
11. The blanket spreader feeding machine will have capabilities of changing from thermal blankets to bath blankets, to bed spreads by selecting the pre-programmed program.

12. The blanket spreader feeder machine shall be programmed to automatically adjust the speeds of the blanket folder for items being folded.
13. For allowing visual observation of the mechanical systems, install a minimum of 3/8 inches in thickness scratch and shatter-proof, clear (for the equipment life expectancy), Lucite side panels on both the right and left sides of the blanket spreader feeder machine in lieu of metal side panels.
14. Panels shall be mounted flush with the sides of the system.
15. Panels shall be protected with a guard around the center to prevent carts or other devices from damaging the panels. Panels shall be equipped with fasteners/locks to secure them to the system.
16. An hour meter shall be installed on the spreader feeder machine to show the actual run time of the spreader feeder machine for maintenance.

**3 B. Ordering Data Production Blanket Folder Cross Folder with Stacker Conveyor:**

Furnish and install 1 (ea) – blanket folder-cross-folder. Folder shall be an integral unit equipped with a conveyor feed and capable of meeting blanket production requirements. Production requirements - 500 thermal blankets per hour, 500 bath blankets per hour and 500 bed spreads per hour. Thermal blankets, bath blankets and bed spreads will each run separately.

1. Blanket folder cross folder shall be capable of receiving thermal blankets, bath blankets and bed spreads from the blanket spreader feeder..
2. Furnish and install new 480 volt power disconnect box for the new dryer. Install a red warning indicator and a lock-on device on the handle of the branch circuit breaker for the power supply circuit for the dryer to within six (6) feet of the floor. **Electrical characteristics - 480 volts, 3 phase, 60 cycles. One power disconnect box is acceptable for the blanket folding system.**
3. Blanket folding machine shall be installed, leveled and have a leveling device installed on the machine.
4. The blanket folding machine, stacker and return to feed conveyor shall be equipped with four (4) lockable casters.
5. The blanket folding machine and conveyor shall be electrically interlocked to the blanket spreading machine.
6. The blanket folding machine shall be equipped with quality grading controls for rips, tears and stains and shall work in conjunction with the blanket spreader feeder machine.

7. The blanket folding machine and stacker shall be equipped with an illuminating emergency stop buttons (colored RED) with yellow background and legend when activated, inter-locked with the entire blanket folding system and when activated shall render the entire system (spreader feeder, folder cross-folder and stacker) inoperable. The folding machine and stacker shall also be equipped with a normal stop button colored Red.
8. Blanket folder shall have reverse jog capability for removing jammed articles and have electronic jam shutoff.
9. The blanket folder cross folder control shall be a field programmable microprocessor control with an alphanumeric display, providing a minimum number of programs for folding currently being used by the facility. The blanket folder cross folder control shall be capable of changing the operation of the entire automated folder cross folder system to the required functional configuration for the specific item being processed by simply choosing the appropriate program. A lock out feature shall be included to prevent unauthorized programming.
10. The folder cross-folder shall be equipped with trouble shooting circuitry for use in case of a component failure.
11. The blanket stacker conveyor shall operate as an integral part of the blanket folder cross-folder.
12. The stacker conveyor shall maintain the quality of the folded items during the stacking process.
13. The stacker conveyor shall be capable of receiving folded blankets from the blanket folder cross-folder and drop release the flatwork into precise stack by using a combination centering conveyor.
14. The blanket stacker shall be color touch screen controls & information systems" that incorporate automatic/manual machine operation, self-testing, fault display and built-in diagnostics /microprocessor controlled.
15. The stacker conveyor shall operate with a predetermined stack count from five (5) thermal blankets up to 10 bath blankets and bed spreads and shall automatically transport in increments providing space for the next stack.
16. The blanket stacker conveyor shall have lockable casters and be of the modular concept so that it can simply be plugged into the blanket folder cross-folder for utility connections by using quick disconnects. The stacker will discharge to an existing clean take-away conveyor.
17. For allowing visual observation of the mechanical systems, install 3/8" thick scratch and shatter-proof, clear (for the equipment life expectancy), Lucite side panels / doors on both the right and left sides of the folder-cross folder and stacker in lieu of metal side panels.

18. Panels shall be mounted flush with the sides of the system.
19. Panels shall be protected with a guard around the center to prevent carts or other devices from damaging the panels. Panels shall be equipped with fasteners/locks to secure them to the system.
20. Safety micro switches shall be installed on all doors of the blanket folder cross folder and stacker so that when a door is opened, the machine shuts down.
21. An hour meter shall be installed on the blanket folder cross folder and stacker conveyor to show the actual run time of the folder cross folder and stacker conveyor machines for maintenance.
22. Include lock-out and tag-out requirements for equipment offered. Lock-out / tag-out devices shall be supplied by the successful offeror.
23. Furnish one (1) each, 360 degree sphere mirror shall allow visual observation of blanket feeder, folder and stacker operation.

## **LINE ITEMS AND TRADE IN**

If an offeror chooses to quote a line item, please provide pricing for the entire line item including trade in and installation.

\*\*\*\*\*

### **ITEM # 1**

#### **Flatwork Separator Machine with Feed Conveyor:**

Furnish and install new, two (2) each, Flatwork Sheet Separators:

Qty: 2 Each – Flatwork Sheet Separator –      Each Price \$ \_\_\_\_\_ each  
Total for 2 \$ \_\_\_\_\_ Systems

2 each – Flatwork Separator Machine with Feed Conveyor      – \$ \_\_\_\_\_

**Total Installation Price:** \$ \_\_\_\_\_

Equipment Rigging

Plumbing and Pressure Piping work

Electrical work

Other (Identify)

(Include all material and labor necessary for the installation of equipment and any modifications necessary for its connection and proper operation, in offered price for installation)

**Final Price \$** \_\_\_\_\_  
.....

\*\*\*\*\*

### **ITEM # 2**

#### **Thermal Fluid Ironing System:**

Furnish and install new, two (2) each, color touch screen controls & information systems that incorporate automatic/manual machine operation, self-testing, fault display and built in diagnostics controlled flatwork ironing systems capable of adjusting the speeds of the spreader-feeding machine, ironer, and folder cross folder machine from one location. The Flatwork Ironing System which shall be in accordance with performance specifications provided.

Qty: 2 Each – Thermal Fluid Ironing Systems – Unit Price \$ \_\_\_\_\_ each  
Total for 2 \$ \_\_\_\_\_ Systems

2 each – Medium Production Combination Spreader Feeding Machine      – \$ \_\_\_\_\_

2 each – Medium Production Thermal Fluid Flatwork Ironer      – \$ \_\_\_\_\_

**Total Installation Price:** \$ \_\_\_\_\_

Equipment Rigging

Plumbing and Pressure Piping work

Electrical work

Other (Identify)

**Final Price \$** \_\_\_\_\_

**Qty: 1 Each – Blanket Folder \$ \_\_\_\_\_ each      Total for 1 Each \$ \_\_\_\_\_**

1 each-Blanket Folder Cross Folder with Stacker Conveyor - \$                     

\$ \_\_\_\_\_

Other (Identify)

**Final Price \$** \_\_\_\_\_

Los Angeles, CA 90073

Total Trade-In- \$