

## **St. Albans Laundry Project**

**VA797H-17-R-0015**

**May 18, 2018**

1. When is final submission due? On the newly posted RFP the October, 2017 due date has not been amended.

**Answer – All proposals are due on Friday, June 15, 2018 at 10am CT.**

2. On the paperwork handed out in the initial meeting the request is for a 250-300lb washer/extractor (open pocket) and a 250-300lb dryer. The current RFP it requests a 400-500lb open pocket washer/extractor and tumble dryer. Which weight is preferred and/or expected?

**Answer – The technical performance specifications on FBO item#3 states 250/300 lb washer/extractor item #4 states 250/300 lb gas dryer.**

2.1 Currently the laundry has (3) Three barrier washers operating at this facility. Will the requested open pocket washer/extractor be replacing these or supporting these? As an open pocket it does not provide the pass-through barrier between soil and clean. As stated in the technical performance specifications:

**Answer –Wash system shall be capable of being sling loaded without any spillage. The existing washer loading sling chutes shall be rebuilt and used with the new open pocket washer. The contractor will provide new washer loading chutes that will accommodate the offered equipment.**

3. Will the requested tunnel be required to be steam-less system? The advantages of a steam-less system will be lost due to the current tunnel operating in the laundry is not a steam-less system requiring a boiler. The cost of manufacturing a steam-less tunnel system will increase the overall cost of the system. Also, quality may be lower as temperatures are more difficult to regulate in a steam-less tunnel system.

**Answer – *Steam-less is required***

4. The current RFP requires 4,900 lbs per hour of production for the new tunnel system? This poundage requirement appears difficult to achieve given the wash requirement and number of dryers being requested within the RFP. Past RFP's required an hourly throughput of (3,900 lbs) why was the change affected in the RFP and with the current production requirements of the laundry, is this calculated throughput necessary?

**Answer – As stated in the technical performance specifications, in a seven-hour workday, be capable of processing a minimum of 34,300 (dry weight pounds) of dry soiled textiles, uniforms, patients clothing, pajamas per day equating to 4,900 pounds per hour.**

**Also in the technical performance specifications it does not state how many dryers, it states, Furnish and install continuous batch washer gas drying and conditioning tumblers capable of drying 4,900 pounds an hour or 34,300 pounds per day. it is up to the contractor/manufacture to determine the amount of dryers and provide calculations to support dryers in the proposal package.**

5. The current tunnel that will be paired with the requested new tunnel is a 110 pound per compartment system. The proposed washer will need to be 130-150 pound per compartment tunnel in order to meet the 4,900lb an hour production requirement. Will the soil side have 2 separate slings/loading systems to ensure proper weights are being loaded into each tunnel Having two sizes in the laundry may cause underloading of the larger tunnel if the rail system is incapable of keeping soiled weights separate for processing.

**Answer – No. There will be only one soiled monorail system installed. The overhead monorail system is being replaced under item 1 and shall be configured to the weight of the new CBW as specified in the technical performance specifications, the old monorail is used as a trade in.**

6. the scope of work calls for us to replace the floor trench covers. What thickness metal covers should we use? Is there a lb/sqft rating we should follow?

**Answer – As stated in the technical performance specifications, all exposed trench cover plates and embedded angles in all walkways and other areas shall be replaced. All trench cover plates shall be aluminum diamond plate and thickness to match existing thickness. Embedded angle iron shall be either aluminum or stain-less steel. Trench covers located under the CWES shall be aluminum with aluminum angles on the underside to maintain placement over the trench.**

7. With regards to the existing equipment that we will have to troubleshoot and be responsible for any mechanical repairs. What is the age of the equipment in question and are there any known deficiencies?

**Answer – The equipment is approximately 2 years old. There are no known deficiencies.**

8. What is the age of the Lavatec tunnel washer and Lavatec dryers being removed?

**Answer –The equipment is approximately 20 years old.**

## **B.2 SCHEDULE OF SUPPLIES & DELIVERY:**

1. Item 1 Trade-In – There is a separate White Conveyor overhead monorail system serving the (3) Washex non-production washers.

*Q- Is this system to be demolished and removed by the successful bidder as part of the Soil Monorail System trade-in?*

**Answer- Yes, that is to be included in the trade in equipment and removed by offeror.**

2. Item 2 Trade-In – There is an existing mat washing machine located in the soil area that appears to have been taken out of service and may no longer be utilized. The floor space location this machine occupies can be better well served if made available for Item 1.

*Q- Is this mat washer to be disconnected and removed by the successful bidder as part of the CWES System trade-in?*

**Answer-Yes, the mat washer will be disconnected and removed by contractor.**

3. Item 5 Trade-In – There is a separate existing White Conveyor overhead monorail system serving the Lavatec non-production dryer.

*Q- Is this system to be demolished and removed by the successful bidder as part of the Clean Monorail System trade-in?*

**Answer- Yes, that is to be included in the trade in equipment and removed by offeror.**

4. Item 5 Trade-In – There is an existing non-recessed Prime 5,000 lb. capacity floor scale with ramp serving the clean monorail lift.

*Q- Is this floor scale system to be disassembled and removed by the successful bidder as part of the Clean Monorail System trade-in, or is it to be turned over to the VA?*

**Answer- Yes, that is to be included in the trade in equipment and removed by offeror.**

5. Item 10 Trade-In – There is an existing Railex rotating screw conveyor located in the clean garment finishing area that appears to have been taken out of service and is no longer being utilized.

*Q- Are the conveyor components, hanger rods & supports to be disassembled and removed by the successful bidder as part of the Garment Finisher(s) trade-in?*

**Answer- Yes, that is to be included in the trade in equipment and removed by offeror.**

6. Item 12 Trade-In – There is an in-floor cart conveying system (with loading ramp) serving the existing cart washer.

*Q- Is this conveyor to be demolished and removed by the successful bidder as part of the cart wash trade-in?*

**Answer-Yes, that is to be included in the trade in equipment and removed by offeror.**

### **B.3 DELIVERY SCHEDULE:**

1. Installation Period of Performance (p.15 & Para 17 p.22) – Specification(s) reference the Laundry will be shut down during the project for no longer than 90 days. The expectation that the subject equipment acquisition (as specified) can be successfully installed with all work completed in 90-days is unrealistic. Like-kind systems being purchased by the VA with equal degrees of automation have required have required 5-6 months to successfully install working extended hours and weekends. ***Recommend consider restating the installation period to a minimum of 140 calendar days.*** This will ensure the successful bidder is able to complete all demolition, installation and testing work prior to the 30-workday shakedown.

**Answer- The installation timeframe has been increased to 140 days. The shutdown period for the facility is also 140 days.**

### **B.4 STATEMENT OF WORK:**

#### **A. Project Special Requirements:**

1. Para. 1 (p.17) specifies the successful bidder is responsible for “start-up, training, adjustments/repairs of all equipment in mechanical room...”

**Q1- Clarify statement “all equipment in mechanical room” specifically means the existing equipment directly related to the steam-less portion of the existing process water system (i.e. in part, the (2) direct-fired water heaters with expansion tank(s), the dual pumping system, the hot water loop pumping system, the tunnel heating system, etc.).**

**Answer- All equipment in the mechanical room that is used with the new equipment being installed.**

**Q2- Prior to commissioning the above referenced steam-less mechanical equipment, is the successful bidder responsible for chemically cleaning/treating the (2) water heaters and all new/existing hot loop piping in accordance with the water heater manufacturer’s recommendations and requirements?**

**Answer-Yes**

**Q3- Is it a requirement that the commissioning of the existing water heating system be performed by a representative certified by the equipment manufacturer(s) to perform such services; and will the VA require a written copy of the commissioning report(s) at the time of final inspection?**

**Answer- Yes the commissioning of the existing water heating system shall be performed by a representative certified by equipment manufacturer and a written copy of the commissioning report will be provided to the VA at final inspection**

**Q4- If the steam-less water heating system requires additional components and installation services to make operational with the CWES proposed, is the VA or successful bidder responsible for making the steam-less water system fully operational, in compliance with the applicable state & local regulations?**

**Answer- Yes, The contractor is responsible for making the steam-less water system fully operational. if there is any additional components and installation needed for the steam-less water heating system, this will be the responsibility of the contractor to make fully operational and in compliance with any and all applicable Federal/State & Local regulations. Work includes tunnel reheating system control interconnections with the existing remote status panel.**

2. Para. 2 (p.17) references the successful bidder furnish & install new loading chutes for (Item 2) tunnel washer and (Item 3) non-production 200/300 lb. washer extractor.

*Q- Can a specification be provided giving the minimum fabrication design requirements for the loading chutes (material type, gauge thickness, finish, size/type access door, etc.)?*

**Answer – Material shall be all stain-less steel construction with a minimum 20" x 20" see through access panel, minimum 20 gauge thickness**

3. Para. 3 (p.18) references the successful bidder responsible for cleaning, sealing & repairing as needed existing drains pits/trenches.

*Q- Confirm work is limited to the existing production & non-production washing system and cart wash drains & pits/trenches.*

**Answer- Confirmed. Work is limited to the existing production & non-production washing system and cart wash drains & pits/trenches.**

4. Para.s 6 & 7 (p.18) references the successful bidder is required to ensure optimum combustion conditions for the new equipment system.

*Q1- Is the minimum required method/means to provide optimum combustion conditions for the new CWES production dryers and the 200/300 lb. non-production dryer to provide new insulated/PVC jacketed outside supply air ducts with damper to the machine combustion burner assemblies; and interconnect motorized damper control to each dryer?*

**Answer-Yes**

*Q2- Are motorized louver/dampers required to be installed in the outside make-up supply air ducts for the CWES production dryers and the 200/300 lb. non-production dryer with controllers interconnected to each dryer, respectively?*

**Answer-Yes**

5. Para. 11 (p.18) References new equipment installed in the facility and the roof "shall be supported/anchored."

*Q- As part of the 45-day drawing submittals, will the VA require inclusion of structural information (drawings and design calculations) for the equipment systems being furnished and installed (i.e. all roof/floor loadings and structural support design, including anchorage related to the monorail systems, CWES washing/drying system, non-production washing systems, etc.)?*

**Answer- Yes and they are to be sealed/certified by a state engineer/architect.**

**6. Follow up clarification Amendment 00003 –**

**Q1-** Specifically, does this contract include demolition of existing high pressure steam & return piping not used or abandoned in place (i.e. steam & return piping that served the former flatwork ironing systems and previously removed 400-lb dryer back to the main headers located in the building utility entry room and capped)?

**Answer-Yes.** All existing high pressure steam and return piping and accessories that is not used or that is abandoned in the plant will be removed as part of this contract by the contractor.

**Q2-** Does this demolition work include removal of the steam & return piping for the existing tunnel finisher(s) and 80-lb non-production washer extractor(s) being traded-in back to the nearest header(s) in the mechanical room and capping?

**Answer-Yes.** All existing high pressure steam and return piping and accessories that is not used or that is abandoned in the plant will be removed as part of this contract by the contractor.

**7. Follow up clarifications Amendment 00003: Existing red clay tile flooring in the soil/clean areas where the (3) Washex non-production washer extractors are located:**

**Q-** Is it a requirement to remove the floor tiles, grout and adhesive, as well as, the entire demolition of the staph barrier wall/ceiling enclosure structure surrounding the washers? If yes, is it a requirement to demolish the partition supports, walls, glazing, ceiling structure, equipment related utilities and rework the (2) overhead supply air ducts?

**Answer – Yes**

**8. Follow up clarifications Amendment 00003: Existing vinyl composition flooring:**

**Q-** If the VA is considering a new flooring project, in preparation of such a project, is it a requirement for the successful bidder to remove the existing vinyl composition flooring tiles and rough grind away excess adhesive throughout the main soil & clean production areas concurrent with removing the trade-in equipment while the laundry is shut down?

**Answer-No.** There is no requirement for the contractor to remove the existing vinyl composition flooring tiles.

**9. Existing central vacuum system:**

**Q-** Is it a requirement to rework/relocate existing vacuum piping and reinstall any inlet valves necessary to accommodate new equipment installation?

**Answer- Yes.** If the existing vacuum piping needs to be relocated because of the new equipment going in, then it will be up to the contractor to relocate and ensure the system is in working order.

**10. Trade-in existing soil and clean conveyor & monorail systems:**

**Q1-** The specifications require removal of the overhead monorail system being traded in. Is it a requirement to demolish and remove all components including the steel hanging supports & mechanical attachments from building beams/columns, all bracing, floor supports complete in all respects, and patch/paint where attachments are removed?

**Answer-Yes,** all accessories/components, hangers etc. will be removed by contractor.

**Q2-** Is it a requirement to demolish all power circuits serving the monorail system back to the respective subpanel; as well as, completely demolish all monorail interconnection control wiring & raceways?

**Answer-Yes**

**B. General Installation Requirements:**



1. Backflow Preventers (p.27)

**Q1-** *In addition to the two types listed, is the minimum specification for the backflow preventer device required for the drying systems fire suppression water source to be a reduced pressure principal type with bronze body, double check valves, shut-off valves, test cocks, and y-strainer?*

**Answer-Yes**

**Q2-** *Is the successful bidder required to submit a testing certificate(s) for each new backflow preventer installed?*

**Answer-Yes**

2. Shock or Water Hammer Arrestors (p.27)

**Q-** *Are new arrestor assemblies required to be installed at each process water point of connection to new equipment?*

**Answer-Yes**

3. Within the laundry building, grooved and mechanical fittings are present on piping. Many machines typically have such type fittings.

**Q1-** *Is copper tubing and schedule 10 stainless steel tubing with rolled-type, mechanical-type press fit fittings permissible for installing new process water piping systems?*

**Answer-Yes**

**Q2-** *Are copper press-fit type pipe fittings permitted for compressed air copper piping?*

**Answer-Yes**

4. *Is PVC/CPVC piping with solvent-welded fittings permitted for exposed, above-grade washer vents, water tank vents, washer drains, and supporting chemical injection tubing?*

**Answer-Yes**

5. Existing building sprinkler system and fire alarm system

*Q- Is it a requirement that any modifications to the existing automatic sprinkler system and/or fire alarm work (i.e. dryer fire suppression switch signaling, call panel modifications, etc.) required to install the equipment system shall be performed by licensed contractor(s) at the successful bidder's expense and contractor(s) shall be pre-approved by the COR to perform the work?*

**Answer-Yes**

**6. Training of Personnel (pp. 33-34)**

*Q- What are the minimum number of training days during the shakedown period for: a) the operating personnel, and b) the maintenance personnel; seven (7) each?*

**Answer-**

**a) 10 days each; b) 15 days each**

**7. Follow up clarification Amendment 00003 #21:**

**Q-** Amendments states electro metallic tubing (EMT) is acceptable for installation use. Please confirm if IMC raceways is required within 8-feet of finish floor and EMT above and IMC in hazardous areas like required for similar VA laundry installations following the VA facility specifications.

**Answer-Yes**

**B.5 LIST OF DELIVERABLES:**

**1. 45-day installation design drawings.**

**Q1-** *Are the installation drawings to be sealed by a professional architect/engineer registered in the State of New York?*

**Answer-Yes**

**Q2-** With the anticipated impact to the existing building utilities likely required by this acquisition, does the VA require the successful bidder to include 1) Btu heat radiation & air balance volumes design load information & calculations on the building HVAC system; 2) the three-phase powerline details; and 3) the natural gas load calculations?

**Answer-Yes**

**2. Drawing and Room Preparation Instructions – Because this acquisition requires considerable architectural, structural, mechanical & electrical engineering design, and in**

accordance with Amendment 00003 that the 45-Day Design Drawings is the following typical design information furnished in past large system projects considered the minimum applicable requirement?

Existing equipment demolition information;

New equipment set-out information including anchorage details;

Monorail System installation information and applicable component details, clearance details, structural support system information & engineer's calculations;

Architectural demolition & new work information and applicable details, sections, elevations

Structural new work information and applicable details, sections, elevations;

Mechanical plumbing & pressure piping demolition & installation information, details, equipment utility connection schedule/details;

Mechanical demolition & new work installation information, details, equipment connection schedule/details; and,

Electrical demolition & new work installation information, details, equipment connection details, panel schedules for existing and new work, power load calculation, new lighting fixtures details.

**Answer- Yes to all above**

3. Is the architect/engineer that is required to seal the 45-Day Drawings and the final As-Built Drawings are required to be licensed in the State of New York?

**Answer-Yes**

**ATTACHMENT – TECHNICAL/PERFORMANCE SPECIFICATIONS:**

1. **ITEM #1 – SOIL STORAGE/SORTING & SOIL MONORAIL SYSTEM(S)**
  - a. Para 1A (p.1) States daily wash system production is approximately 39,300 lbs./day.

**Q1-** *Item 2 daily washing production is stated as 34,300 lbs./Day. Is 39,300 a typo and the total combined capacity of the (2) storage conveyors be 8,575 lbs. equal to 25% of 34,500?*

**Answer-**Yes the daily wash load production should read 34,500 which equates to 8,575lbs.

**Q2-** *Is it a requirement to indicate the location(s) of the "full soil slings in storage" on the proposal layout to confirm system offered meets the minimum classified storage specification?*

**Answer-**Yes

**Q3-** *Is it a requirement to indicate the location of the designated Empty Bag Storage System on the proposal layout to confirm where empty sling assemblies will be stored when the monorail system is completely emptied?*

**Answer-**Yes

b. Para h (p.2) Sorting Platform

**Q-** *Are 3-1/2" tall toeboards required on all open sides of the platform (excluding openings); and must platform comply with OSHA Std. 1910 Subpart D: Walking Working Surfaces?*

**Answer-**Yes

c. Para. 6 (p.5) Maintenance Reports

**Q-** *Is a clean sling maintenance rail required? If yes, provide specification (if sling assemblies are to be numbered and barcoded for maintenance record tracking, etc.)*

**Answer-**The maintenance monorail section shall be designed to allow inspection and maintenance to be performed on trolleys, bags, ropes etc.at floor level. Upon completion of maintenance to the slings, trolleys etc., a lift station shall be connected to the maintenance rail to allow the sling to return to the empty sling bag storage rail. The trolleys should be

numbered/barcoded to be read by the tracking device to account for rotations to determine when the trolley and bags are sent to the monorail.

- d. Para 16 (p.6) System Electro/Pneumatic Information

*Q- Is the 3-phase power & 120v control and compressed air utility connection information for all soil & clean material handling monorail & conveyor equipment provided required to be included in the 45-day installation design drawings for VA review and approval prior to commencing installation work?*

**Answer-Yes**

2. **ITEM #2 – CONTINUOUS WASH EXTRACT TUNNEL SYSTEM**

- a. Para A (6) states CWES not to exceed the present CBW [tunnel] footprint.

*Q- In consideration that the hourly production rate of the new CWES is greater than the existing system being replaced, will the VA consider a CWES design solution having a different size overall footprint than the existing system?*

**Answer-Yes**

- b. Para. 3 (p.6) existing tunnel heat recovery system to be reused.

*Q1- Is work platform with steps/ladder required to be furnished/installed by the successful bidder for periodic maintenance access to shaker screen units?*

**Answer-Yes**

*Q2- Are the system water tank(s) to be insulated and PVC jacketed by the successful bidder?*

**Answer-Yes. Provide power exhaust to ventilate hot water vapors from shaker screens to building exterior.**

- c. Para. B 15 (p.8) tunnel load chute camera

*Q- In addition to the load chute camera, are additional remote cameras required to view operational statuses of the press, shuttle conveyor system, drying system,*

*takeaway conveyor system, etc? if yes, what is the minimum number of cameras required?*

**Answer-Yes. A minimum of 7 cameras is required.**

d. Para. 27 (p.8) Safety enclosures

*Q- Are all on-site assembled machine safety enclosures provided to be OHSA compliant?*

**Answer-Yes**

e. Para. C 5 (p.9) Extractor Press controls

*Q- Is the specified colored touch control screen to include 3D graphics?*

**Answer-Yes**

f. Para.C 7 (p.9) press automatic hydraulic cooling system

*Q- Is the cooling system to be water-type or air-type?*

**Answer-Water type**

g. Para. F 2 (p.11) CWES drying system external dry-type lint collection required

*Q1- Can additional specifications be provided to describe requirements for the lint collection system.*

**Answer- Waste Managed, External Automated Lint Collection System:**

**Furnish and install external automatic dry type lint collector(s). The lint collector(s) shall recover a minimum of 85 percent of lint discharged. The lint collector(s) shall be constructed of rust resistant, weatherproof, heavy gauge stainless steel or fire-retardant compound. The outside of the lint collector shall be equipped for suspension outdoors. The lint collection area shall be accessible for service and internally accessible for service and replacement of parts through an inspection door.**

- 1. The lint screen shall be constructed of fire resistant material. This screen shall be capable of being easily removed, machine washed, and reinstalled with minimum effort.**
- 2. The lint collector control shall be 120 vac. The control shall be manufactured with components that are user serviceable, and parts shall be easily available through local sources.**

3. The lint collector shall include a fire control consisting of a 1 inch solenoid valve, a visible alarm light, audible alarm, and a fire sensor. The control shall have an automatic reset feature.
4. The collector shall have a minimum of two spray mechanisms, 1/2 inch diameter each, to be utilized for fire control. System shall be connected to a dedicated domestic water pipe and have tamper proof valves installed.
5. A flow alarm shall be installed in the fire suppression system and connected to a rotary LED light (colored red) and audible alarm, located in the textile care processing plant to indicate if a fire exists in the lint collector. The LED beacon light shall continually rotate, allowing constant observations. The collector shall be connected to the facilities existing fire suppression/alarm system located in the building to alert officials of a fire. The collector shall be connected to a dedicated domestic water supply pipe with tamper proof valves. A backflow preventer shall be installed on the dedicated domestic water supply piping for the fire suppression system 6-inches or less of the main water header. A maintenance valve located at a convenient (floor level) easily accessible location shall also be installed for each dryer for draining standing water supply within the fire suppression piping without activating the flow alarm.
6. Lint collection shall be accomplished in the production area for any lint collection system offered.
7. Dryer lint collectors external to the dryers located in the laundry (if offered) shall be insulated and wrapped with textured white aluminum with identification and flow markings.

**Q2-** *Is lint collection required at a central location, or at each CWES dryer?*

**Answer-** If offering separate Lint collections for the machines, there will be one unit for each machine which will discharge into a centrally located collection point with a maximum of 2 central located points

h. Means of motor removal

**Q-** *Is an I-beam with a ½ ton hoist or other device to be supplied and installed for maintenance?*

**Answer- Yes, one for servicing the press extractor and additional ones for servicing the CWES dryers.**

**3. ITEM #3 – 200/300 LB. OPEN POCKET WASHER**

- a. Para 2 (p.14) states "wash system to be designed for semi-automatic sling loading..."

*Q- In first paragraph, washer is specified to be "loaded manually"; confirm reference to semi-automatic loading means soil slings are to be delivered to unload position above washer in the mezzanine level automatically upon selection.*

**Answer- It should read that slings are to be delivered to unload position above washer in the mezzanine level and semi-automatically drops into washer.**

**4. ITEM #4 – 200/300 LB. NON-PRODUCTION DRYER**

- a. Para 21 (p.17) states dryer shall be unloaded to a sling cart.

**Q1-** Is the dryer to have two doors and one-way tilting for sling loading and unloading?

**Answer- That will be in the design of the offeror on if they will supply a two way tilt or a one way tilt.**

**Q2-** Will the VA consider alternative solutions for non-production textile drying/conditioning and means of dryer unloading?

**Answer- Yes**

- b. Para. 0 (p.15) external dry-type lint collection is required

*Q- Could additional specifications be provided to describe requirements for the lint collection system?*

**Answer- Waste Managed, External Automated Lint Collection System:**



Furnish and install external automatic dry type lint collector(s). The lint collector(s) shall recover a minimum of 85 percent of lint discharged. The lint collector(s) shall be constructed of rust resistant, weatherproof, heavy gauge stainless steel or fire-retardant compound. The outside of the lint collector shall be equipped for suspension outdoors. The lint collection area shall be accessible for service and internally accessible for service and replacement of parts through an inspection door.

1. The lint screen shall be constructed of fire resistant material. This screen shall be capable of being easily removed, machine washed, and reinstalled with minimum effort.
2. The lint collector control shall be 120 vac. The control shall be manufactured with components that are user serviceable, and parts shall be easily available through local sources.
3. The lint collector shall include a fire control consisting of a 1 inch solenoid valve, a visible alarm light, audible alarm, and a fire sensor. The control shall have an automatic reset feature.
4. The collector shall have a minimum of two spray mechanisms, 1/2 inch diameter each, to be utilized for fire control. System shall be connected to a dedicated domestic water pipe and have tamper proof valves installed.
5. A flow alarm shall be installed in the fire suppression system and connected to a rotary LED light (colored red) and audible alarm, located in the textile care processing plant to indicate if a fire exists in the lint collector. The LED beacon light shall continually rotate, allowing constant observations. The collector shall be connected to the facilities existing fire suppression/alarm system located in the building to alert officials of a fire. The collector shall be connected to a dedicated domestic water supply pipe with tamper proof valves. A backflow preventer shall be installed on the dedicated domestic water supply piping for the fire suppression system 6-inches or less of the main water header. A maintenance valve located at a convenient (floor level) easily accessible location shall also be installed for each dryer for draining standing water supply within the fire suppression piping without activating the flow alarm.
6. Lint collection shall be accomplished in the production area for any lint collection system offered.
7. Dryer lint collectors external to the dryers located in the laundry (if offered) shall be insulated and wrapped with textured white aluminum with identification and flow markings.

5. **ITEM #5 – CLEAN SIDE MONORAIL SYSTEM**

- a. Para 1 (p.18) System capacity shall be 25% of daily wash production (34,300 lbs.)

*Q1- Is it a requirement to indicate the location(s) of the “full clean slings in storage” on the proposal layout to confirm system offered meets the minimum classified storage specification?*

**Answer- Yes**

*Q2- Is it a requirement to indicate the location of the designated Empty Bag Storage System on the proposal layout to confirm where empty sling assemblies will be stored when the monorail system is completely emptied?*

**Answer-Yes**

- b. Para. 5 (p.18) states system to automatically transport slings to storage areas and wash systems from lift stations.

*Q- Confirm reference to “wash systems” is a typo. Clean monorail does not transport slings to the washing system.*

**Answer- It should read system to automatically transport slings to storage areas and clean side production systems (to include but not limited to Ironing lines, small piece folding lines, blanket folding lines etc.)**

6. **ITEM #6 – SMALL PIECE FOLDERS**

- a. Para 0 (p.19) “...folders shall be located near the folding tables so they may be used in tandem.”

*Q- Are the folding tables being referenced the existing folding tables, or new? If new, provide a specification and the quantity required.*

**Answer- 8 existing folding tables will be used in the new equipment design**

- b. Para. 9 (p.19) folders are to rear discharge to a clean take away conveyor.

*Q- Clarify a clean take away conveyor means Item #13; and if textile stack transfers are to be automatic without manual attention.*

**Answer- Clean take away conveyor is item #13 and all textile stacks are to be automatically transferred without manual attention.**

**7. ITEM #7 – 80/85 LB. WASHER EXTRACTORS**

- a. Para. 12 (p.21) GFI power receptacles required at each equipment location

**Q1- Will VA accept a single receptacle location to serve up to (3) washers?**

**Answer- One 4-plex GFI centrally located will be acceptable for the 80/85lb washers.**

**Q2- Is the existing trench and underfloor drain pipe(s) serving the non-production washing system to be cleaned, trench walls sealed and cover plates replaced similar to as called out for Item 2?**

**Answer-Yes**

**8. ITEM #8 – 100/110 LB. DRYERS**

- a. Para. 18 (p.22) GFI power receptacles required at each equipment location

**Q- Same as 7a above, will VA accept a single receptacle location to serve up to (3) dryers?**

**Answer- One 4-plex GFI centrally located will be acceptable for the 100/110lb dryers**

**9. ITEM #9 – BLANKET FOLDING MACHINE**

- a. Para. C (p.23) & 24 (p.p26) 360-degree mirror(s)

**Q- There are two references to providing a mirror, confirm (Qty. 1) mirror is required. Recommend minimum size diameter be 36 inches to match existing mirrors above ironer lines.**

**Answer- Quantity 1 minimum diameter of 36"**

**10. ITEM #10 – GARMENT TUNNEL FINISHER**

- a. Para. 0 (p.26) states finisher is to automatically deliver [hangered garments] to the "distribution area."

**Q- Confirm the designated location of the "distribution area" is adjacent to the discharge ends of the Item 13 clean conveyor system within the clean cart make-up area.**

**Answer-Conveying requirements is deleted, garments will automatically discharge to a slick rail for staging.**

**11. ITEM #11 – FLOOR SCALES**

- a. Para. #1 (p.28) new scales are to be recessed-type.

*Q- Are the old existing steel coping frames to be replaced with new copings?*

**Answer-Yes**

- b. Para. #1 (p.28) new scales are to be located in the soil & clean areas

*Q- May the present scale locations be relocated to better facilitate a proposed equipment system design and the existing scale pits in-filled to match existing floor conditions?*

**Answer-Yes**

**12. ITEM #12 – CART WASHER/DRYER**

- a. Para 20 (p.29) states unit to be cable of washing both bin-type (standard mode) and solid shelf-type carts (second mode)

*Q- Does the laundry currently sanitize solid shelf-type linen exchange carts? If no, VA may consider deleting the second mode washing requirement.*

**Answer-Second mode washing requirement is deleted.**

- b. Para. 22 (p.19) Remote truck wash station in soil receiving dock area (Rm 109)

*Q- Specification indicates (Qty. 1) wash station is to be provided. Recommend VA consider adding a second wash station to be able to sanitize trailers parked at any of the three semi-truck bays. Likely one unit will not reach all trucks locations.*

**Answer-One dock central location with the hose be on a hose reel and adequately accommodate the length for all vehicles, minimal hose length of 100'**

- c. Para 29 (p.30) Outside air make-up air supply required

*Q- Existing cart washer utilizes outside make-up air supply reducing impact to the building HVAC air balance design. Considering the site location is cold climate, is the supply air to the cart washer required to be pre-heated; and is the new supply duct to have a louver with motorized damper interconnected with the cart wash controls?*

**Answer- Yes**

d. Para. D1 (p.31) stainless steel ramps required

*Q1- Existing cart wash is pit-mounted with entry and exit doors thresholds flush with the finished floor. Confirm new cart wash is to be pit-mounted type and ramps are not required.*

**Answer- Cart washer to be pit mounted and ramps not required.**

*Q2- Is it required that on the exit side of the cart washer, a four (4) foot wide by twelve (12) foot long, 4-inch deep drain trench with a 1 ½ inch deep fiberglass grate shall be installed on the unloading side of the cart washer to capture residual water from the washed carts when exiting the cart washer?*

**Answer-Yes**

*Q3- Is it a requirement to replace the existing guard railing located beyond cart washer exit on clean side with new stainless steel or plated steel guard railing?*

**Answer-Yes**

### **13. ITEM #13 – CLEAN TAKEAWAY CONVEYOR**

a. Para. 1 (p.31) states conveyor shall be capable of receiving and automatically separately transporting textile stacks from all finishing areas to cart assembly areas without manual attention

*Q1- In addition to the specified extension of the existing E-Tech flatwork finishing take away conveyor system, is it the intention of this requirement that the successful bidder furnish & install additional conveying equipment, if needed, to accomplish transporting textile stacks from other finishing areas to the cart assembly area? If yes, what is the minimum conveyor bed width, 48-inches? Is a live roller conveyor equivalent to the existing conveyor required for accumulating stacks at each discharge location?*

**Answer-Yes it is the intention that the offeror furnish and install additional conveying equipment to all the new folding equipment and a minimum of 42" Wide conveyor bed. A live roller minimum of 8' in length is to be used at the end of the conveyor**

**1. (Item 1) Soil Monorail System:**

**Q1 - There are five (5) existing classified storage monorails serving the washing system. What is the minimum number of storage rails required for the (14) sort classifications specified?**

**Answer:-Minimum 6 rails**

**Q2 - Is automatic sling paring required for double batching the CWES dryers?**

**Answer- Yes**

**2. (Item 1) Load chute for existing Lavatec tunnel washer being retained:**

**Q - Is the successful bidder responsible for modifying the existing load chute to accommodate the new soil monorail system?**

**Answer- Yes**

**3. (Item 2) Existing tunnel water heating and filtering system:**

**Q1 - Is the VA furnishing the feed pumps required to be installed on the unit, or are the new pumps to be provided by the successful bidder?**

**Q2 - Is the successful bidder responsible for installation of all control interconnections to the new tunnel washer, existing recycle system, etc.?**

**Answer-Yes to question Q1 and Q2**

**4. (Item 3) Existing drop chute serving the existing Washex non-production washer extractors being traded-in:**

**Q - If the existing drop chute is not reutilized with the new equipment system, is the successful bidder required to demolish the chute and in-fill the floor opening to match existing conditions?**

**Answer-Yes, all existing equipment, utilities and accessories not being used will be removed and areas filled in to match existing conditions.**

**5. (Item 7) 80/85-lb Washer Extractor:**

**Q - Is the successful bidder required to remove the existing raised concrete pad flush with the finished floor?**

**Answer-Yes**

6. Project Special Requirements (p.18) Para #4 specification states "With the installation of the new laundry equipment, the contractor shall move and or relocate any spot cooling vents to the new work station areas." The work stations located a top the existing soil sort platform are utilizing two large direct-drive drum fans that operate separate from the building HVAC system.

Q - Are the existing drum fans to be reused to ventilate the new soil sorting work stations, or does the VA require supply air derived from the existing HVAC system be utilized to accomplish the spot cooling?

**Answer- The existing drum fans will be removed and supply air derived from existing HVAC system to accomplish the spot cooling for the work stations. This will be the responsibility of the offeror.**

7. Existing Roof-Mounted Lint Filter:

Q - Is the existing Energenics lint filter system being traded-in? If yes, is the successful bidder required to demolish all associated utilities and ductwork serving the filter, and install an insulated cap on the roof curb?

**Answer-Yes**

8. Does the contract include material demolition recycling and documentation?

**Answer-Yes. In accordance with GEMS and medical center requirements.**

9. Is the existing ICS management system to be reused?

**Answer-The existing ICS management system (PMS) will be disconnected, abandoned in place by the contractor.**

10. If additional gas supply to the laundry building is required, who will be responsible, the VA or successful contractor?

**Answer- VA has a gas connection to the laundry. (Gas pressure unknown) VA does not affirm that there is adequate natural gas available to the textile care facility for the equipment that will be offered. It is the successful contractor's responsibility to supply any additional utilities (Gas, electric, air) necessary for the proper installation and operation of the equipment they are offering.**