

TECHNICAL SUBMITTAL

I-1. Requirements.

Specific Requirements.

Listed herein are the requirements the contractor shall furnish for the upgrade to the Pennsylvania Correctional Industries (PCI) Bar Soap and Detergent Products Factory located at SCI-Huntingdon, 1100 Pike Street, Huntingdon, PA 16654.

Bidders must return with their bid an equipment layout sketch and the data for utility connections (water, compressed air, exhaust air, make-up air, electric, gas etc.). The equipment must be contained in the available space approximately 47' long and 15' wide

A mandatory site visit will be scheduled for June 13, 2019 from 9-11 am which is approximately 2 weeks prior to the Bid Opening. Anyone wishing to attend the site visit must contact Craig Northrop via email at cnorthrop@pa.gov. The attached Centralized Clearance Check Information Request must be completed and returned to Craig Northrop at least 10- Ten Business days prior to the mandatory site visit to allow for Security Processing.

Listed herein is the equipment and accessories the contractor shall furnish for the Soap and Detergent Products Factory upgrade. The equipment shall conform to the specifications and shall be new and of good quality. All equipment shall be provided complete and including freight to the plant site. The contractor shall provide a forklift or other services as required to off load and spot the equipment. Bidders must return with their bid an equipment layout sketch and the data for utility connections (water, compressed air, exhaust air, make-up air, electric and gas).

All equipment shall be provided complete including freight to the plant site.

The contractor shall provide all necessary equipment or other services as required to off load and spot the equipment.

The equipment supplied must meet or exceed a minimum production level of 60 cases of bar soap in a solid color 4 oz [100 bars/case (4 oz.)] in 55 minutes, or a minimum of 30 cases of bar soap in a solid color 2 oz [200 bars/case (2 oz.)] in 55 minutes. The equipment must possess capacity to produce up to 8.6 million bars of soap per year in 2 oz and 4 oz. sizes combined.

To create the small cut-only bars, one of the extrusion dies for either the 2 oz. or 4 oz. die is used and the cutting head is programmed to cut at a higher cycle rate, essentially cutting thin sections from the extruded bar. The exact size depends on how the operator set the cut cycle. If the quickest cycle and the smallest extrusion die don't create sufficient cut - only bars, an additional extrusion die should be provided.

Customer will use their existing Bar Soap Cutter with conveyor, Sigma model ESO, Serial # 262-05

Motor/Starting Equipment:

- 1 - The motor/starting equipment and all associated power transmission equipment for new machinery shall be supplied by the contractor.
- 2 - All motors shall meet with the NEMA and Underwriters' Laboratories (UL) specifications for motors of their class. The temperature rise, based upon an ambient temperature of 40 degrees Centigrade (C) shall not exceed 40 degrees Centigrade on any part, when the motor is operated at the specified voltage and frequency, and a maximum service factor of 1.15 for Open Drip Proof (ODP) motors and 1.0 for Totally Enclosed Fan Controlled (TEFC) motors.
- 3 - Motors over 1 HP shall be 208v, 3 phase, 60 cycle, unless not available as standard for some specific equipment items. Motors 1 HP and smaller may be 120v, single phase, 60 cycles. All equipment must conform to the voltage available in the plant.

The starting equipment in general shall be of the across-the-line type with overload protection by hand-reset temperature overload relays. Starters for integral horsepower motors in general shall be of the magnetic contactor type with "start-stop" push-button control. Fault-current interrupting devices shall not re-close the circuit automatically. Manual starters shall be permitted on motors that have spring-loaded switches or on motors where automatic re-closing of the circuit does not create a hazard to persons. Manual starters shall be properly equipped with a low voltage protection feature.

The purchaser may reject any equipment that is deemed defective or non-conforming in any material respect. The supplier shall be responsible at its own expense for the removal or replacement of any rejected equipment.

It is expected that within the 30-calendar day acceptance testing period, the supplier will make all adjustments necessary for the line to be able to meet or exceed the production standards specified herein.

The supplier shall conduct all quality control testing necessary to ensure quality standards and shall further ensure the equipment produced or manufactured by it complies with the requirements of this agreement. Where the purchaser issues a disapproval notice in writing to the supplier, the supplier shall have an additional 15 business days to cure the deficiencies and achieve acceptance. In the event that acceptance is not achieved within the specified period, the purchaser may at its option: request and have replaced by the supplier at no additional cost to the purchaser the equipment or components of the equipment that have been the source of the failure. At which case the supplier shall have a reasonable period of time to replace the equipment or the purchaser can terminate the

agreement and request prompt removal of the equipment from the purchasers premises at no cost to the purchaser and the supplier shall provide a full refund of the money paid to date to the purchaser within a reasonable period of time following removal.

The supplier agrees that the warranty for equipment shall come in to effect from the date of equipment acceptance or the date of acceptable use if there is no acceptance testing period.

The supplier shall provide the necessary the on- site training required to operate the equipment and methods for preventative maintenance. Minimum 16 hours on site training.

The following documentation is considered essential and shall be delivered with the equipment:

Operator/user manuals, one complete set of service manuals, listing of any installation and/or special testing tools, and/or components and or preventative maintenance kits required for the proper use and maintenance for the equipment, replacement parts, and current part costs, any service bulletins or user bulletins or similar type of related bulleting.

Offerors shall submit the technical specifications/detailed descriptions of the supply(ies) that are proposed in response to this RFP. Documentation related to specific requirements must be provided with the response.

A. General Requirements

- a. Cost/Prices. The proposal submitted by the selected Offeror will be incorporated into any resulting Contract and the Offeror will be required to provide the awarded item(s) at the prices quoted in its proposal.
- b. New Equipment. Unless specified in this RFP, all products offered by the Offeror must be new or remanufactured. A “new” product is one that will be used first by the Commonwealth after it is manufactured or produced. A “remanufactured” product is one which: 1) has been rebuilt, using new or used parts, to a condition which meets the original manufacturer’s most recent specifications for the item; 2) does not, in the opinion of the Issuing Office, differ in appearance from a new item; and 3) has the same warranty as a new item. Unless otherwise specified in this RFP, used or reconditioned products are not acceptable. This clause shall be construed to prohibit Offerors from offering products with recycled content, provided the product is new or remanufactured.
- c. Post-Submission Descriptive Literature. The Commonwealth may, during its evaluation of the proposed product(s), require the Offeror to submit cuts, illustrations, drawings, prints, test data sheets, specification sheets and

brochures which detail construction features, design components, materials used, applicable dimensions and any other pertinent information which the Issuing Office may require in order to evaluate the product(s) offered. The required information must be submitted within two (2) business days after notification from the Issuing Office. Failure to submit the required information prior to the expiration of the second business day after notification shall result in the rejection of the proposal as non-responsive.