

Specifications

It is the intent of these specs to provide for the purchase of a new Mobile Screening Plant, 2010 (or newer) Astec GT 145 or equal.

The Screener Plant will be a self propelled track screener equipped as follows:

1. A doubled Screen Plant with mandatory vibrating grid capable of producing three (3) products
2. Remote control tracks for on-site mobility
3. Three (3) onboard stock-piling conveyors

The town had evaluated different types of Screening Plants and has determined that these specifications best suit the needs in safety, quality, and performance. This specification shall not be interpreted as restrictive, but rather as a measure of safety, quality, and performance against which all Screening Plants will be compared.

The Screening Plant described shall be the manufacturer's current production model and shall be built no earlier than the 2010 model year.

Engine & Fuel Tank

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|--|-------------------------------|
| • Catarpillar C4-4L water cooled engine or equal | <u>Comply y/n</u>
yes / no |
| • Diesel engine operates the hydraulic system | yes / no |
| • Engine horsepower 103 minimum | yes / no |
| • Fuel tank capacity minimum 110 gallons | yes / no |
| • Hydraulic tank capacity = minimum 120 gallons | yes / no |

Vibrating Grid

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| • The screener is equipped with a remote controlled tipping vibratory grid on the hopper to facilitate material screening | yes / no |
| • Vibratory grid is a double deck grid with heavy duty bofer bars on top with a 3 inch mesh on bottom | yes / no |
| • Vibratory grid to take two (2) end tensioned screens on bottom deck | yes / no |
| • The vibratory grid is to run by direct hydraulic drive (no v-belts) with the grid main shaft positioned underneath the bottom deck | yes / no |
| • Width of the vibratory grid inside the side flares must accommodate a 10 foot wide bucket | yes / no |
| • Vibratory grid has two (2) hydraulically operated side flares to control spillage | yes / no |
| • Vibratory grid must remotely attain an angle of no less than 10 degrees | yes / no |

Hopper

- | | |
|--|----------|
| • Must be able to carry a vibratory grid as specified above | yes / no |
| • Hopper fitted with variable speed belt feeder | yes / no |
| • Hopper conveyor width 44 inch minimum | yes / no |
| • Hopper belt may be vulcanized or clipped | yes / no |
| • If clipped, clips must be counter sunk to insure no tangling of material | yes / no |

Screen Box/Doublebox System

- The screening system consists of two (2) vibratory screen boxes being able to produce a minimum of 2 inch and 1 inch material yes / no
- It is preferred that all screen boxes be the same size to accommodate interchangeable screens yes / no
- Total square footage of screens to be not less than 110 square feet yes / no
- Screen boxes should remotely adjust to angles between 16 and 30 degrees yes / no
- Full set of screens in double screen is four (4) screens yes / no
- All screens should be equipped with a tensioning system designed to accommodate easy and fast tightening of screens yes / no
- Screens should be constructed of non corrosive material yes / no

Stockpiling Conveyors

- Screener has three (3) on board stockpiling conveyors which are fully integrated into the machine yes / no
- Two (2) side conveyors to have chevron belts that are minimum 24 inches wide yes / no
- Tail conveyor is 48 inches wide minimum yes / no
- Side conveyors are variable speed conveyors yes / no
- If clip system, clips must be counter sunk to accommodate no tangling of material yes / no

Main Conveyor

- Width of main conveyor is 44 inches minimum yes / no
- Main conveyor is a variable speed conveyor yes / no
- Main conveyor is equipped with two (2) hydraulic pistons on the top to raise the conveyor to facilitate the screen mesh change yes / no

Undercarriage

- The screener is equipped with remote control tracks for moving the machine onsite yes / no
- Track width 16 inch minimum yes / no
- Track length 10 feet center to center minimum yes / no
- Screening Plant must be legal to transport on roads in the Town of Babylon and Suffolk County yes / no

Catwalks

- Screener is equipped with catwalks on each side of screen box yes / no
- Catwalks will not be adjustable yes / no
- Catwalks will be constructed of non corrosive stainless steel yes / no

Warrantee

- The Screen Plant shall carry a two (2) year parts and labor warrantee as described by the Screen Plants respective manufacturer yes / no

Manuals

- The Screening Plant shall be supplied with two (2) sets of part, operator, and service manuals; CD-ROM manuals are acceptable. yes / no

Vendor Parts & Service Requirements

- Vendor submitting bid must be manufacturers' authorized representing dealer for the products being bid, capable of extending all services available including manufacturers' warranty repairs, parts and other services within a 72 hour period. yes / no
- Vendor shall stock an ample supply (as recommended by manufacturer) of the replacement parts for the specific models to be serviced. Proof of inventory can be provided prior to award. yes / no
- All replacement parts shall be genuine "O.E.M." as supplied by the equipment manufacturer. yes / no
- Manufacturers' parts price books (or price tapes, discs, or CD's if specified) shall be supplied upon award of contract and updated as updated through term of contract. yes / no
- Vendor shall have full repair facilities available for inspection, capable of performing all possible type repairs "on premises" including, but not limited to: engine, transmission and other component overhaul; welding and fabricating; crawler undercarriage overhaul, hydraulic cylinder repair, machining, steam leaning, painting, etc. yes / no
- Vendor must demonstrate the ability to respond within 24 hours of a notification by the Town of Babylon to a service request. yes / no
- With the exception to smaller sub-components (i.e., starters, alternators, injection pumps, injectors), all repair work shall be performed by Vendor and their employees only. Use of O.E.M. rebuilt parts and components with warranty shall also be available. yes / no
- Vendor shall submit to the Office of Purchasing, insurance policies including full and complete coverage for all equipment which is in its' possession of control. The insurance includes; Theft, vandalism, fire damage, floods, acts of God, etc. The insurance shall be equal to the replacement of purchase price of the equipment. In addition, the insurance shall cover equipment for similar mishaps as numerated above during the transportation of equipment. In the event of an accident during the transportation of equipment, Vendor shall assume all responsibility including any and all damage to equipment. yes / no
- All equipment to be repaired can be inspected on using agency property. However, should repair or inspection require special facilities, tooling, etc., the equipment can be moved by Vendor. yes / no
- Upon inspection, Vendor shall submit a time and cost estimate indicating the approximate number of hours that will be required and the cost of parts and any other charges that will be used to affect repairs. yes / no
- Vendor shall be capable of servicing equipment on-site, if required, with the use of properly equipped service vehicles. Typical service vehicles shall be equipped with, at a minimum, the following items: compressed air, hydraulic crane, gas and electric welding equipment, typical hand and pneumatic tooling for repairing heavy equipment and specific diagnostic tools for trouble-shooting, i.e., hydraulic flow meters and gauges, electrical system checkers, temperature measuring equipment, etc. Vendor shall be capable of providing transportation via there owned and operated low-bed equipment trailers, flat beds, boom trucks, etc. as

Vendor Parts & Service Requirements (con't).

- required by the type of equipment. Vendor shall not sublet the transportation of equipment. yes / no
- Vendor technicians shall have received manufacturer's sponsored training for the equipment to be repaired. Technicians possess all applicable regulatory certifications if specific work requires same. yes / no
- Vendor shall maintain, at all servicing facilities, a complete library of manufacturer's parts manuals, service manuals, service bulletins, and all other related parts and service publications. yes / no
- Vendor shall be staffed with Regional Product Support Sales Representatives full time in the field. Their function is to assist equipment users with any parts or service related issues. yes / no
- Vendor shall be capable of providing the equipment owner with Internet connection to allow access to parts and services information via the World Wide Web. This connection provides latest parts and service information from manufacturer and parts pricing, inventory status and ordering capability. yes / no
- Periodic maintenance services shall be available on-site via dedicated lube service vehicles. Vehicles shall carry an inventory of lubes, coolant and filters, waste oil recovery and minor parts making it capable of field response to most all models without need for return to shop facility in most instances. yes / no
- A manufacturer-sponsored program of lube oil analysis shall be available. Reports from lab are to be provided in triplicate to: equipment owner, Vendor and manufacturer thus providing the additional monitoring for abnormal results assuring proper response. yes / no
- A 24-hour Vendor telephone response system shall be available through all locations. yes / no
- All field service trucks, low beds and lube trucks shall be equipped with 2way communications capability. yes / no
- Proof of additional qualification, if required, shall be provided. Proof via statements from manufacturers and previous contracts may also be requested. yes / no
- Emergency contact number must be supplied by Vendor to facilitate emergency repairs during holidays and weekends when equipment is in use. yes / no

Compliance

All exceptions relative to compliance shall be written in order on separate sheets and explained in detail. Any deviation from this request could void bid.