

MINIMUM SPECIFICATIONS FOR ONE USED 80' RADIAL STACKER

The following specifications describe the minimum requirements to establish a performance basis for a USED 80' RADIAL STACKER. The equipment bid shall be a 2017 or newer with less than 760 hours on it.

Town of Florida Highway Dept.

Bidders must indicate whether each specification is met. All specifications not met must be explained in detail on an attached sheet to the bid proposal. Bidders shall use the forms enclosed and shall bid on all items. Bidders must submit with their bid a printed specification sheet and advertising literature on the unit they propose to furnish.

The quality of the articles to be supplied and their conformity with the specifications shall be taken into consideration. The award will be made in the best interest of the Town to the lowest responsible bidder. The Town reserves the right to accept or reject any or all bids. Any questions should be directed to Steve Anderson @ 518-842-1539.

General Specifications

Machine modifications to meet the operational requirements of this specification shall be limited to the manufacturer's published standard and optional equipment.

All operating specifications are based on current SAE standards and shall be the basis for determining compliance with specified requirements.

The screening plant shall be at least 45+ net horsepower, diesel engine that meets all TIER III design requirements.

The stacker shall have a minimum operating weight of 20,000 pounds and shall be equipped with a large rear hopper and hitch for mobilization from site to site.

The stacker shall meet all OSHA and EPA requirements in effect on the date of bid opening and shall be furnished with lead free paint.

The successful bidder must be within a 40 mile radius of the Town of Florida.

Description of Stacker:

YES NO COMMENT

The Stacker shall be a heavy duty mobile wheeled stockpiling conveyor with 36" wide heavy duty 80' long conveyor, with a 49hp diesel powered engine, road towable, air brakes, mud flaps, lighting, large feed hopper, hydraulic folding frame for easy transport, 5 minute set up time, should have external belt alignment points, auxiliary guarding, external grease points, hydraulic power axle jacks, engine safety shut down systems, landing gear, full safety guarding of pinch points

Dimensions:

Working dimensions should be a minimum of 80' long, 10'2" wide, reach height of 31'9" max work height
Transport dimensions should be a maximum of 61'-10", 10'2" wide
13'6" tall
Radial stacker should weigh no less than 20,000lbs

Conveyor:

The stacker shall be equipped with a minimum belt width of 36", 80' from center to drum rolls, heavy duty (36"-3ply-3/16 x1/16), drive drum diameter shall be no less than 14", tail drum shall be no less than 12" in diameter, be powered by an Eaton hydraulic motor, should have a flow rate of 25.4 gal/min, adjustable speed, drive drum maximum speed of 152 rpm and a belt max speed of 548ft/min

Conveyor/Capcities:

The stacker should have a minimum stockpile height of 31'9" tall, able to have a stockpile capacity of 2180 cubic yards, and a 90 degree pile capacity of 7900 cubic yards, should be able to handle a minimum of 500 tons/hour

Engine/Hydraulics:

Should be a diesel powered Kubota V2203M engine, capable of generating 49 net hp @ 2400 rpm, should be able to generate 24 gpm of hydraulic flow, should have a permco 40cc cast iron flywheel pump, total system flow of 24 gpm hydraulic tank capacity of 100 us gallons, diesel tank capacity of 55.7 gallons and should be equipped with a hydraulic cooler.

Delivery:

The machine must be delivered to the Town in working order. The Town will not accept the machine if it doesn't meet the specification at time of delivery. Delivery of the used stacker must be within 10 days of award of the bid. Delivery is to be made with two operator's manual and safety manual. One manual will stay with the machine and the other will be kept at the Town offices. The safety manual must stay with the machine. All guarding and safety items must be in working order.

On delivery the Town will be given a minimum of 4 hours of training on operations.

Please see the bid form on the following page!

Town of Florida Highway Department Bid form

Name and Address of Bidder

Manufacturer and Model of Unit Bid

Price

Delivery Time after receipt of the order _____