



Vassar, Michigan

www.cityofvassar.org

Department of Public Services
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The City of Vassar is seeking proposals for pump rehabilitation on Well No. 1, located at 727 Cass Ave. Pump rehabilitation would include, but is not limited to removing the pump, repairing and reinstalling it to the standards of the City of Vassar. An on-site inspection by a licensed well contractor is required.

Due Date: Sealed bids must be received by Tuesday, January 31, 2012 before 1:00 PM, at the Vassar City Hall. A sealed bid does not allow for faxes or email submissions. Submissions must be clearly marked outside, with the following title: 727 Cass Pump Rehabilitation.

Proposals must be sent to Vassar City Hall – 287 E. Huron Vassar MI 48768

Contact Information: To receive the RFP documents with full requirements please visit www.cityofvassar.org or contact Vassar DPW at 989-823-7231.

Vassar Well No.1- 727 Cass Ave. - Pump Rehabilitation Spec. Bid Request

This document must be filled out and contained with proposal.

Description	Unit Cost	Quantity	Total
Run initial production test, run TV inspection and return to shop with pump and motor. Deliver motor to repair facility for disassemble, inspection and quotation. (repair facility needs approval from the City of Vassar) Clean, disassemble and thoroughly inspect pump complete. Provide recommendations including itemized inspection report with pricing.			
Motor – reconditioning service for motor, teardown, cleanup, bake out, install new bearing, balance rotor, re-assemble, new grease and/or oil, run check, paint and transport). If third party vendors are used, prior approval from the City of Vassar is required.			
Repair/Rebuilt/ Replace bowl assembly to new condition, including bowl bushing, bowl bearing, bowl shaft, wear rings and machining. Manufacturer Layne, model 10RK, size 10”, stages 9, shaft 1 3/16” (including transport). If third party vendors are used, prior approval from the City of Vassar is required.			
Clean/Repair/Replace/Paint pump head, stuffing box bushing-bronze, column pipe complete and cast combination coupling complete, suction pipe complete. Provide recommendations including itemized inspection report with pricing. Install (10) new rubber bearings in couplings.			
Replace (9) CS intermediate line shafts w/sst sleeves 1 3/16”, (1) CS bottom line shaft w/sst sleeve, (10) line shaft bearings, (11) line shaft couplings sst, (10) line shaft sleeves sst.			
Reinstall pump and motor, install stilling tube and airline 100’, wire motor, chlorinate pump and well, run final well efficiency test, confirm proper operating performance, and take first bacti sample to State certified lab. The City of Vassar will take second bacti sample to State certified lab. (Re-chlorinate and resample pump and well until all bacti samples are good). A 13 month warranty on labor, motor and pump, is required. A pump installation report and a well pump efficiency report are to be completed and given to the City of Vassar.			

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Item	Unit Cost	Quantity	Total
10'x6" Colum Pipe		4	
5'x6" Colum Pipe		1	
10'x1 3/16" CS shafting w/sst sleeves		9	
5'x1 3/16" CS shafting w/sst sleeves		2	
10'x6" suction pipe complete		1	
6" combination coupling w/ rubber bearing		4	
Sst line shaft coupling		10	
Misc. including stuffing box bushing, packing, oil-grease, paint , gauges, sodium hypochlorite, bacti sample, copper airline, 1" stilling tube SDR21,tape, ect.		LS	

Rubber bearings		10	
Estimated Material			
Estimated Field Labor			
Estimated Shop and Machinist Labor			
Estimated TV inspection complete			
Total estimated cost , since it is not possible to know which items should be repaired or replaced, prior to the disassembly and inspection, the City of Vassar requests an estimate on the parts and labor costs, and the total cost will be adjusted to actual labor and materials used, at the price break listed above.			
Special Bids are required to be fill out or bid proposal will not be accepted.			
Special bid- All new stainless steel shaft w/ sleeves and coupling 100'complete (if the City of Vassar decides to install) Subtract the cost of CS shafting complete from above to the cost.			
Special bid- New pump bowl assembly complete, comparable to model Layne 10RK 10" 9 stage 81% efficiency (if the City of Vassar decides that the existing pump assembly is not repairable.)			
Special bid- replace 50 hp 230 v 3 phase motor US made (if the City of Vassar decides that the existing motor is not repairable.)			
Special bid- Worst case scenario not to include motor and pump bowl assembly. Price break down on the material and labor including field, shop and machinist is required.			

NOTE: Licensed Well Contactor, with proof of proper insurance is required.

NOTE: The City of Vassar is not required to accept the lowest bid and every effort will be made to award the bid to local contractors. The Vassar City Council may reject any and/or all bids or portions of bids

CONTACT: John Monsees, Vassar DPW, with questions by phone at 989-823-7231.