

ORDINANCE NO. 99-117

**AUTHORIZING THE CITY MANAGER TO ENTER INTO A CONTRACT WITH FINKBEINER, PETTIS & STROUT, INC. FOR THE ENGINEERING DESIGN SERVICES NECESSARY FOR THE WATER RECLAMATION PLANT PHASE II IMPROVEMENT PROJECT**


BE IT ORDAINED by the Council of the City of Mason, Ohio, **seven (7)** members elected thereto concurring:

Section 1. That the City Manager is hereby authorized to enter into a contract with Finkbeiner, Pettis & Strout, Inc. for the engineering design services necessary for the Water Reclamation Plant Phase II Improvement Project, in accordance with the proposal submitted by Finkbeiner, Pettis & Strout, Inc., which proposal is attached hereto as Exhibit "A" and incorporated herein by reference.


Section 2. That the Finance Director is hereby authorized to pay said Finkbeiner, Pettis & Strout, Inc. an amount not to exceed \$497,500.00 for said engineering design services.

Section 3. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed this 9th day of August, 1999.

  
\_\_\_\_\_  
Mayor

Attest:

  
\_\_\_\_\_  
Clerk of Council

7/30/99

July 16, 1999

CONSULTING ENGINEERS  
ESTABLISHED 1900  
3699 SYMMES ROAD  
HAMILTON, OHIO 45015  
513-860-8700  
513-860-8701 FAX

Mr. Ernie Stickler  
Public Utilities Superintendent  
City of Mason  
202 West Main Street  
Mason, Ohio 45040

Re: Mason, Ohio  
Wastewater Treatment Plant  
Phase II Improvements  
Proposal



Dear Mr. Stickler:

We are pleased to present this proposal to provide engineering services to the City of Mason for the design phase of the Phase II Wastewater Treatment Plant (WWTP) Improvements project. As recommended in the recently completed Wastewater System Master Plan Update, the 2.0-MGD expansion will bring the design (average-day) capacity of the WWTP to 7.0 MGD. The increased capacity will be required in the near future and will allow the City several years to evaluate options available for the Phase III expansion recommended for the future.

As described in the Master Plan Update, several components of the existing WWTP should be expanded to meet the design-year requirements. Our proposed scope of engineering services will include design of the following WWTP improvements:

1. Addition of one new 1-million gallon oxidation ditch, together with additional blowers to be housed within the existing UV Control Building.
2. Addition of one new 80-foot diameter flocculating clarifier.
3. Screw pump structure modifications.
4. UV disinfection chamber modifications to allow installation of additional lamps.
5. WAS pumping station modifications to provide for wasting of higher volumes of sludge.
6. Additional sludge digestion tanks and associated site piping, including related aeration improvements.
7. Addition of one belt filter press within the Belt Filter Press Building, including associated piping and a tandem-axle dump truck to carry dewatered sludge from the belt press building to the dewatered sludge storage pad.

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8. Raise the exterior walls of the sludge storage pads to allow for additional storage of dewatered sludge.
9. Plant drain pumping station modifications.
10. A new maintenance building that will house office space for employees as well as garage space for storage and maintenance of City vehicles.
11. Control building modifications, including laboratory improvements and an entry from the east side of the building.
12. Miscellaneous site piping and structure improvements.
13. Electrical and instrumentation improvements related to the above treatment components and structures.
14. Site grading and drainage improvements.

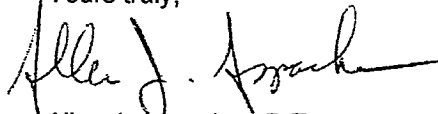
These services will be provided for under Paragraph 1.5 – Final Design Phase, of our continuing Agreement for Engineering Services, dated June 6, 1996. The improvements were recommended in the Wastewater System Master Plan Update dated June, 1999.

We propose to offer our services based on the scope of services described above for a fee of \$497,500. This fee is a cost-reimbursement/multiplier fee, as described in our continuing Agreement for Engineering Services. The fee will not be exceeded unless there is a mutually agreed-upon revision to the scope of the project. As for all of our projects with the City of Mason, services will be invoiced only to the extent that time is charged to the project.

Please indicate the City's authorization to proceed with the project by obtaining the appropriate signatures on the lines on the following page, and return both copies of the signed proposal to us for signing. We will then return one signed copy to you for filing. We are prepared to begin this project immediately upon your authorization.

We are available to discuss this proposal at your convenience. Please contact us if you wish to do so.

Yours truly,



Allen J. Aspacher, P.E.  
Project Manager

c: Mr. Scot Lahrmer