

Alt 1	design	permitting	bidding	subtotal	expenses	plats	total	basement surveys
<b>Buchart-Horn/DTMA</b>	in subtotal	in subtotal	in subtotal	\$ 135,000	(???)	\$ 49,000	\$ 184,000	\$ 19,000
<b>HRG</b>	\$ 109,400		\$ 9,500	\$ 118,900	(???)	\$ 17,500	\$ 136,400	
<b>Rettew</b>	in subtotal	in subtotal	in subtotal	\$ 89,050	\$ 3,625	\$ 8,225	\$ 100,900	

Alt 2	design	permitting	bidding	subtotal	expenses	plats	total	basement surveys
<b>Buchart-Horn/DTMA</b>	in subtotal	in subtotal	in subtotal	\$ 145,000	(???)	\$ 49,000	\$ 194,000	\$ 19,000
<b>HRG</b>	\$ 121,400		\$ 9,500	\$ 130,900	(???)	\$ 17,500	\$ 148,400	
<b>Rettew</b>	in subtotal	in subtotal	in subtotal	\$ 92,750	\$ 3,625	\$ 8,225	\$ 104,600	

**HRG's bid states "Costs associated with permit application fees not included."**

**Note: these costs are in addition to amounts already spent on the Phase II Sewer design, estimated at \$94,800.**

**from the Mar 9, 2005 Supervisors meeting:**

Herbert, Rowland & Grubic, Inc.: Photogrammetric Mapping, Field Survey and Base Mapping Professional Services Proposals. The scope of services to address mapping needs for the project: Photogrammetric mapping, in performing the ground control surveys, they would establish control points within the work areas and along the proposed sewer alignment for the future use of contractors in construction of project, approximately 5,000 acres will be included in the flight areas and of those 5,000 acres, about 1,000 will be detailed photogrammetric mapping produced. The mapping produced during this work can be used by the Township or any other engineering firm to design the Phase II Project.

Excluded from this proposal include the following: preparation of right-of-ways or easement plats, wetland delineation/location, field edit/surveying of any portion of the flown area not identified in Exhibit A as requiring detailed mapping and boundary surveying of any kind. Compensation to complete scope of services for the following not to exceed fees including reimbursable expenses: Photogrammetric Mapping, \$45,000., Field Survey, \$27,400., Base Mapping, \$22,400. with a total of \$94,800. The schedule due to the Township's desire to complete this project this year, in order to be eligible for PENNVEST money, HRG would begin work on the township's authorization to proceed. The flight should take place prior to April 15, 2005 to avoid potential spring foliage. The estimated completion date for all services is August 15, 2005.

A motion by Shelly second by RoCHAT to start the process and execute the scope of services for a fee of \$94,800. for reimbursable expenses as stated in letter dated March 9, 2005. Motion carried. Yes – 2, No - Brandt

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August 31, 2005

Mr. Ralph G. Watters, General Manager  
Derry Township Municipal Authority  
670 Clearwater Road  
Hershey, PA 17033-2453

Reference: **Proposal for Engineering Services  
Conewago Township Phase II Sewer Extension  
Proposal No. 19241**

Dear Ralph:

Per the Authority's direction, Buchart-Horn, Inc., has prepared this proposal for professional engineering services in connection with construction of Phase II sanitary sewer extensions for Conewago Township. The sewer extensions are shown in the August 12, 2005 RFP package prepared by Conewago Township.

The Scope of Services is described in Attachment No. 1. The services will be performed as a Project Assignment under Section 2.2 of our Retainer Agreement dated March 4, 1998. The Design Services will be completed in accordance with the schedule provided in the RFP package, unless delayed by rights-of-way or other causes beyond our control.

Compensation for Buchart-Horn services will be in accordance with Sections 4.3 and 5.1 of our Retainer Agreement. We estimate the total compensation for the Design Phase services will be as follows:

Alternate 1- Design/permitting/bidding	\$ 135,000
Alternate 2- Design/permitting/bidding	\$ 145,000
Right-of-Way- 35 plats x\$ 1,400ea=	\$ 49,000
Basement Surveys*	\$ 19,000

\*Not included in the August 12, 2005 RFP package

**5. CONSTRUCTION PHASE**

NOT APPLICABLE.

**6. OPERATION PHASE**

NOT APPLICABLE.

**7. ADDITIONAL ENGINEERING SERVICES**

ENGINEER shall complete Additional Engineering Services as defined in Section 2 of the Agreement for Professional Services and modified as follows:

1. Right-of-Way Legal Description and Plat Preparation will be billed on an Each Basis for each Right-of-Way Legal Description and Plat prepared.
2. Additional Engineering Services will be billed on a Time and Materials Basis with Reimbursable Expenses as shown on the Schedules attached to the Agreement for Professional Services. Coordination meetings and related revisions relative to DTMA comments are Additional Engineering Services. Other Additional Engineering Services may be identified during the Project.

**8. ENGINEERING FEES**

ENGINEER shall be compensated for the Project as defined in Section 5.1 of the Agreement for Professional Services and modified as follows:

- Alternate 1 – Connection at Jacob’s Creek Subdivision
  - Preliminary Design                   \$ 63,700.00   Lump Sum
  - Final Design                           \$ 45,700.00   Lump Sum
  - Bidding                                 \$ 9,500.00   Lump Sum
- Alternate 2 – Connection along S.R. 0743
  - Preliminary Design                   \$ 75,700.00   Lump Sum
  - Final Design                           \$ 45,700.00   Lump Sum
  - Bidding                                 \$ 9,500.00   Lump Sum
- Right-of-Way Legal Description   \$ 500.00   Each  
and Plat preparation
- Additional Engineering Services   Time & Materials Basis
- Costs associated with permit application fees are not included.



**COMPENSATION**

RETTEW proposes to provide the aforementioned professional services for the lump sum fee stated below. The costs are itemized below for your convenience.

**PROFESSIONAL FEES**

A.	PRELIMINARY AND FINAL DESIGN – PHASE 503 .....	\$45,030.00
B.	WETLAND DELINEATION – PHASE 401 .....	\$7,300.00
C.	GENERAL PERMIT 5 UTILITY LINE CROSSINGS – PHASE 405..	\$3,680.00
D.	SUBSURFACE EXPLORATION FOR GEOTECHNICAL/ FOUNDATION DESIGN – PHASE 313 .....	\$1,600.00
E.	ELECTRICAL ENGINEERING-- PHASE 507 .....	\$4,400.00
F.	ARCHAEOLOGICAL (AGENCY COORDINATION)– PHASE 454 .....	\$7,285.00
G.	CONSTRUCTION BIDDING – PHASE 504 .....	\$4,030.00
H.	LAND DEVELOPMENT-FINAL PLANS – PHASE 705 .....	\$9,000.00
I.	LAND DEVELOPMENT-MEETING ATTENDANCE – PHASE 711 .....	\$1,025.00
J.	SURVEY – PHASE 901 .....	\$11,425.00
K.	HOP PERMITTING – PHASE 657 .....	\$2,500.00-6,200.00

**TOTAL PROFESSIONAL FEES (Alternate 1).....\$97,275.00**

**TOTAL PROFESSIONAL FEES (Alternate 2).....\$100,975.00**

**EXPENSES**

Expenses such as reprographic services, long distance telephone/conference calls, drilling contractor, photocopies and faxes that are directly incidental to our professional services shall be invoiced to you at 1.10 times our cost. Mileage shall be invoiced to you at the current federally allowable rate. These expenses will be in addition to the Professional Fees stated above. *Estimated* expenses for the above services associated with the project: .....\$3,625.00

**MEETINGS**

All review agency meetings, or meetings not listed in the Scope of Services, shall be attended as requested on a time and expense basis per the hourly rate of the individual effective at the time of the meeting. These costs will be invoiced in addition to the Professional Fees stated above.

**ADDITIONAL SERVICES**

The following services are not included in the scope and fee described above, however they may be provided by RETTEW upon your request. These services will be performed as an addendum to the contract for an additional fee should they prove to be necessary. Proper written authorization must be given prior to initiating any additional services.

QUALIFICATIONS AND COST STATEMENT

Please complete each section outlined below. Presentation of this information shall be in tab format. If more space is needed, please attach separate pieces of paper. Failure to adequately answer the questions provided could result in your proposal being rejected.

1. Please state the name, address and phone number of your firm. If your firm works out of several offices, list the firm's address which will provide the required services of this contract. Include years of experience in the wastewater field.

Please see tab 1 in proposal packet.

2. Please list the key personnel who would be assigned to this project and list what similar projects they have worked on.

Please see tab 2 in proposal packet.

3. Please explain why your firm should be appointed as the consultant for this project.

Please see tab 3 in proposal packet.

4. Please provide a cost summary as follows:

a. Design/Permitting/Bidding Phase Services Alternate 1 = \$ 89,050 + expenses L.S. or NTE (circle one)

b. Design/Permitting/Bidding Phase Services Alternate 2 = \$ 92,750 + expenses L.S. or NTE (circle one)

c. Right-of-Way Legal Description and Plat Preparation = 35 x \$235 EA. = \$8,225 Total

Total Cost (a+c) = \$ 97,275 + expenses

Total cost (b+c) = 100,975 + expenses

Note: Alternate 1 = Connection at Jacob's Creek Subdivision.  
Alternate 2 = Connection along S.R. 0743.

5. Certification Statement. To the best of my knowledge, the information provided in response to this request for proposal is true and correct.

Signed by:

Michael G. McKinnis  
President, CEO  
VP: Secretary