

225 Grandview Avenue, Suite 403,  
Camp Hill, Pennsylvania 17011  
United States  
www.ghd.com



Our ref: 12602419

January 13, 2023

**Mr. David Blain, Chairman**  
**Lower Paxton Township Authority**  
425 Prince Street  
Harrisburg, PA 17112

### Engineering Services for 2023

Dear Authority Members

The Consulting Engineer Agreement between the Lower Paxton Township Authority and GHD Inc. was adopted on March 23, 1999. We are pleased to continue our engineering services for 2023 under this Agreement. Attached, please find the following:

- Revised Exhibit A-1
- 2023 Rate Schedule

Revised Exhibit A-1 authorizes GHD to perform both the defined retainer efforts and budgeted engineering services for 2023. Additional services for the Authority can be authorized as needed.

We very much appreciate the opportunity to provide engineering and related services to the Authority, and we are looking forward to the privilege of serving the Authority again in 2023. If you have any questions or desire additional information, please do not hesitate to contact us.

Regards

A handwritten signature in blue ink that reads "Melissa Tomich Smith".

**Melissa Tomich Smith, PE**  
Project Manager

717-309-4164  
melissa.smith@ghd.com

A handwritten signature in blue ink that reads "Alton J. Whittle".

**Alton J. Whittle, PE**  
Project Director

717-541-0622  
alton.whittle@ghd.com

Copy to: Mr. Bradley Gotshall, Township Manager  
Mr. William Weaver, Sewer Department Director

REVISED EXHIBIT A-1 TO AGREEMENT BETWEEN OWNER AND  
ENGINEER FOR PROFESSIONAL SERVICES, dated  
March 23, 1999 (for use with No. 1910-1, 1984 Edition).

Further Description of Engineering Services – Regular Annual Services

This exhibit, dated January 13, 2023, is attached to, made a part of and incorporated by reference into the Agreement made on March 23, 1999 between Lower Paxton Township Authority (OWNER) and GHD Inc., (ENGINEER) providing for professional engineering services.

In the provision of Regular Annual Services, the Engineer's duties shall be as follows:

*General Retainer Services:*

- A. Furnishing advice on the telephone (up to 15 minutes per conversation) in answer to telephone inquiries from time to time.
- B. Attending the following meetings in connection with the sewer system:
  - 1. Annual Swatara Township Authority meeting for participants in the 1985 Inter-Municipal Agreement.
  - 2. Meetings to discuss annual engineering budget (up to two meetings per year).
- C. Provide reports on all on-going engineering activities for Board Meetings.
- D. Provide monthly invoice summary letter.

*Monthly Township Authority Meeting Attendance:*

- A. Attend Monthly Township Authority meetings as requested (assuming 6 meetings per year)

Time of Service

The time period for the performance of Regular Annual Services shall be from January 1 through December 31, 2023.

Compensation for Regular Annual Services

The Authority agrees to pay in 12 equal payments of One Thousand Four Hundred and Seventy-Nine Dollars and Seventeen Cents (\$1,479.17), a total consulting retainer fee for Seventeen Thousand Five Hundred Dollars (\$17,750.00) per year, for the general retainer services noted above.

The Authority agrees to pay a separate fee of \$375 for each Township Authority Board Meeting GHD attends. For estimating purposes, we assume 6 meetings will be attended in 2023 for a total of \$2,250.00 per year. GHD will only bill for meetings attended.

The total Regular Annual Services fee is estimated to be Twenty Thousand Dollars (\$20,000.00). Invoices shall be submitted monthly and will cover the portion of the annual retainer from the previous month.

Additional Services

In addition to the Regular Annual Services described above, other services that can be provided by GHD at the request of the Authority may include, but are not necessarily limited to, the types of services described in Sections 2 and 3 of the agreement and the following:

- A. Training of wastewater facilities personnel.

- B. Assistance with preparation, modifications or revision of sewer use ordinances, or other related regulations.
- C. Conduct surveys, field investigations, gauging and sampling, and laboratory analyses of domestic, industrial and commercial wastewater.
- D. Conduct infiltration/inflow investigations and provide engineering for system rehabilitation.
- E. Provide investigation, field surveys, estimates, reports, designs and preparation of plans, specifications and contract documents in connection with improvements, extensions and capital additions.
- F. Provide study and revision or modifications of rate structures and schedules, including work on any special customer agreements.
- G. Assist in preparation of annual budgets for financial planning.
- H. Assist with DEP or other regulatory requirements including the preparation the PADEP Municipal Wasteload Management Annual Report in accordance with Chapter 94.12.
- I. Provide engineering services in connection with obtaining State and/or Federal grants or financial aid, and in connection with issuance of new bonds or other types of financing.
- J. Provide engineering services with respect to developer extensions.
- K. Provide construction phase services, including construction observation field services, in connection with improvements, extensions (including developer extensions), and capital additions.
- L. Provide services associated with Geographic Information Systems (GIS) and Information Technology (IT).

#### Compensation for Additional Services

Unless agreed upon by separate exhibit, or as provided below with respect to full-time resident project representatives (RPRs), compensation for Additional Services will be in accordance with the attached 2023 Fee Schedule. GHD is also providing a reduced rate for Melissa Smith. Melissa's classification is Technical Director 2, and her services will be provided at a reduced rate per the "Technical Director 2-Discounted" description.

Estimated 2023 billings for services included in Owner's 2023 Engineering Expense Budget are shown in Attachment 1 hereto.

#### Resident Project Representatives (RPR) Assigned to Sewer Department

GHD will provide the following RPR services for 2023:

- Chad Luckenbaugh for the full year at a discounted rate of \$85/hr. This rate indicates a 10.5% discount as Chad's full 2023 rate is \$95/hr.
- OWNER may request periodic RPR services from GHD for developer installed sanitary sewer facilities at GHD's regular rates.

If at any point during 2023, OWNER determines it would be in their best interest to assign additional full time GHD RPRs to the Lower Paxton Township Sewer Department, OWNER and ENGINEER shall agree

on personnel and hourly rate(s) and execute a new Exhibit to the March 23, 1999 Agreement to provide the desired RPR services.

OWNER:  
Lower Paxton Township Authority

\_\_\_\_\_  
(Chairman/Vice Chairman)

Attest:

\_\_\_\_\_  
Address for giving notices:

425 Prince Street  
Harrisburg, PA 17109

ENGINEER:  
GHD Inc.

  
\_\_\_\_\_  
(Vice President)

\_\_\_\_\_  
Address for giving notices:

225 Grandview Avenue, Suite 403  
Camp Hill, PA 17011

**ATTACHMENT 1 TO REVISED EXHIBIT A-1 TO AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES, dated March 23, 1999 (for use with No. 1910-1, 1984 Edition).**

**Lower Paxton Township Authority  
Estimated Engineering Fees  
Based on LPTA's 2023 Engineering Expense Budget**

LPTA Account Number	GHD Project No.	Project Name	Description	Budget
<b>FUND 036- SEWER OPERATING FUND</b>				
<b>Annual Services Account:</b>				
36-4400-429.510	11207954	Miscellaneous Services	Services outside the scope of those covered under the retainer:	\$ 60,000.00
		202301	Misc. Non Retainer Services	\$ 20,000.00
		202302	Chapter 94 Report	\$ 6,000.00
		202303	Intermunicipal Agreements	\$ 9,000.00
		202304	Financing/Rate Projections	\$ 10,000.00
		202305	Grease Trap/Interceptor Program	\$ 5,000.00
		202306	Standard Specifications	\$ -
		202307	Design One Calls	\$ 10,000.00
36-4400-429.510	11208032	Development Work	Misc. Development Work	\$ 50,000.00
36-4400-429.510	12602419	Annual Retainer	Regular Annual Services as listed on page 1 of Revised Exhibit A-1	\$ 20,000.00
		202201	Meeting Attendance (\$375/meeting assuming 6 meetings per year)	\$ 2,250.00
		202202	General On-Call Engineering Services	\$ 17,750.00
			<b>Subtotal=</b>	<b>\$ 130,000.00</b>
<b>PennDOT:</b>				
36-4405-429.588	8618591	PennDOT	Allowance for PennDOT projects as needed.	\$ 2,000.00
			<b>Subtotal=</b>	<b>\$ 2,000.00</b>
			<b>Fund 036 Total=</b>	<b>\$ 132,000.00</b>
<b>FUND 037- CAPITAL EXPENDITURES</b>				
<b>Act 537/SSO Improvements:</b>				
36-4800-429.940	11207139	Paxton Creek	Assistance with the North Branch Interceptor Proejct	\$ 5,000.00
36-4800-429.941	11207139	Beaver Creek	No work for GHD in 2023	\$ -
			<b>Subtotal=</b>	<b>\$ 5,000.00</b>
<b>Sewer System Mini-Basin Rehab Program:</b>				
36-4900-429.941	11208997.202301	GIS	Annual hosting subscription and on-going edits.	\$ 20,000.00
36-4900-429.941	11208997.202302	Engineering- Metering Data Analysis / Hydraulic Modeling/ Study	Analysis of ongoing sub-basin and mini-basin data and planned modeling needs.	\$ 70,000.00
36-4900-429.942	11208997.202303/202304	Meetings Management, Assessment & Reporting	Review and improvement of the rehabilitation program, annual review of projected project costs and billing rates, monthly progress meetings, development of DEP Annual Report and Meeting.	\$ 40,000.00
36-4900-429.941	-----	Research and Development	Research and development of I/I rehab methods.	\$ 2,000.00
36-4900-429.961	11123655	Beaver Creek BC-2A/2B/2C/5B	Project Complete	\$ -
36-4900-429.943	11208037	Mainline External Repairs (Emergency Repairs Contract)	Miscellaneous engineering costs.	\$ 10,000.00
36-4900-429.944	8618349	Metering and Field Investigation	Technical assistance with flow metering program and wet weather field investigation.	\$ 5,000.00
36-4900-429.941	11208168	Right Of Way Clearance	Project assistance.	\$ 5,000.00
36-4900-429.966	11151872	Beaver Creek BC-7A/7B/7C/7D	Construction phase services and RPR	\$ 185,000.00
36-4900-429.971	11151870	Spring Creek SC-2B	Project Complete	\$ -
36-4900-429.970	11218505	Spring Creek Interceptor Replacement	Project Complete	\$ -
			<b>Subtotal=</b>	<b>\$ 337,000.00</b>
			<b>Fund 037 Total=</b>	<b>\$ 342,000.00</b>
<b>OVERALL ENGINEERING FUNDS =</b>				<b>\$ 474,000.00</b>



# 2023 Fee Schedule

## LOWER PAXTON TOWNSHIP AUTHORITY

Fees for engineering services rendered on a cost-plus basis are based on payroll costs plus an allowance for overhead and profit. Payroll costs are equal to direct salary charges plus payroll taxes and employee benefits. Expenses for subcontractors and other out-of-pocket expenses incurred in the performance of engineering assignments are billed at cost plus ten percent. Mileage is billed at the Federal IRS mileage reimbursement rate in effect at the time of the charge (currently \$0.655 per mile for 2023).

GHD Description	2023 Rates
<b>PROFESSIONAL</b>	
Senior Technical Director 1	\$ 200
Senior Technical Director 2	\$ 195
Senior Technical Director 3	\$ 190
Technical Director 1	\$ 180
Technical Director 2	\$ 155-160
Senior Professional 1	\$ 144
Senior Professional 2	\$ 134
Professional 1	\$ 119
Professional 2	\$ 108
Professional 3	\$ 100
Intern	\$ 81
<b>TECHNICAL</b>	
Lead Design Technician 1	\$ 185
Lead Design Technician 2	\$ 170
Lead Design Technician 3	\$ 160
Senior Design Technician 1	\$ 149
Senior Design Technician 2	\$ 135
Design Technician 1	\$ 128
Design Technician 2	\$ 119
Drafting/Design 1	\$ 115
Drafting/Design 2	\$ 112
Drafting/Design 3	\$ 108
Drafting/Design 4	\$ 100
Intern Drafting/Design	\$ 90
<b>SITE BASED</b>	
Senior Construction Manager	\$ 165
Construction Manager	\$ 151
Lead Site Engineer/Supervisor	\$ 137
Senior Site Engineer	\$ 125
Site Engineer	\$ 118
Lead Inspector	\$ 109
Senior Inspector	\$ 105
Inspector / Specialist 1	\$ 95
Inspector / Specialist 2	\$ 90
<b>PROJECT SUPPORT</b>	
Project Support Manager 1	\$ 180
Project Support Manager 2	\$ 165
Senior Project Support 1	\$ 138
Senior Project Support 2	\$ 123
Project Support 1	\$ 114
Project Support 2	\$ 102
Project Support 3	\$ 96
Project Support 4	\$ 89
Project Support 5	\$ 83
Project Support 6	\$ 78

\* Full-time Inspector/Specialist services will be discounted 10%