



COUNCIL AGENDA ITEM COVER SHEET

Meeting Type: Council - Regular

Meeting Date: October 17, 2024

Agenda Item Type: New Business

Staff Contact: Scott Langford

STAFF REPORT

AGENDA ITEM:

Consideration to Award Task Order 11: 2025 Asphalt Resurfacing, Project No: PW-2025-01 of the 2021 Transportation Engineering Services project to POND, Inc.

BACKGROUND:

This project is Task Order 11 of the 2021 Transportation Engineering Service Contract with POND, Incorporated. The project is part of the continued effort to improve and maintain the transportation infrastructure in the Town of Tyrone. The project scope includes resurfacing of Drumcliffe Road, Kylemore Court, Kylemore Pass, Yeats Court, Shamrock Industrial Blvd, Mallory Court, McCarthy Court, and Clover Lane. The project also includes replacing 4 culverts in the Carrowmore subdivision. The engineering design includes surveying and geotechnical services at a total not to exceed \$99,259.75. There is a chance that CSX coordination may be necessary. If that is the case, a contingency of \$16,259.50 has been added to the project.

FUNDING:

General Funds – Public Works General Fund (100-40-52.2205 & 100-40-52.2211), 2023 SPLOST, 2024 LMIG Supplemental, and 2025 LMIG.

STAFF RECOMMENDATION:

Staff recommends Awarding Task Order 11: 2025 Asphalt Resurfacing; Project No: PW-2025-01 to POND, Inc. for the fee not to exceed \$99,259.75 plus a contingency for CSX coordination, if needed, at \$16,259.50.

ATTACHMENTS:

See attached Task Order 11 Proposal.

PREVIOUS DISCUSSIONS:

None

Town of Tyrone

Task Order

Project Number: PW-2025-01; 2025 Asphalt Resurfacing

Task Order Number: 11

Project Name: Town of Tyrone Transportation Engineering Services (2021)

Contractor: Pond and Company, Inc.

In accordance with the contract documents for the project listed above and as described herein, the Town of Tyrone, Georgia issues this Task Order.

Task Order Description: Task Order Number 11 – 2025 Asphalt Resurfacing. Tyrone Project number PW-2025-01

Task Order Not -To-Exceed Fee: \$99,259.75 plus an additional \$16,259.50 (if CSX coordination is required)

Town of Tyrone Task Order Manager: Scott Langford, PE 770-487-4038 slangford@tyrone.org

Contractor:

Signature: Richard Fangmann

Printed Name: Richard Fangmann

Title: Vice President

Date: 10-05-2024

Signature: _____

Name: Eric Dial

Title: Mayor

Date: _____



October 2, 2024

Mr. Scott Langford, PE
Town Engineer/Public Works Director
Town of Tyrone
950 Senoia Road
Suite A
Tyrone, GA 30290

Re: **Town of Tyrone - Professional Transportation Design Services Fee Proposal**
Task Order #11 – 2025 Roadway Resurfacing

Pond & Company (Pond) is pleased to submit this proposal for transportation engineering design services for the above project. The paragraphs below describe the professional services and fees to accomplish this work.

PROJECT UNDERSTANDING:

As part of the Town of Tyrone Transportation Engineering Services On-Call, Task Order #11 will consist of roadway resurfacing along several roadways/corridors within the town limits. These sections (showing approximate lengths and PCI ratings) are included below:

- Shamrock Industrial Blvd (3,406.5 LF – PCI 65.7)
- Mallory Ct (708.5 LF - PCI 71)
- McCarthy Ct (780 LF PCI – N/A)
- Drum Cliff Ct (2,093.1 LF – PCI 51.7)
- Kylemore Ct (162.7 LF – PCI 66)
- Kylemoore Pass (967.1 LF – PCI 57)
- Yeats Ct (766.8 LF – PCI 53)
- Clover Ln (265 LF – PCI 91)

The scope of work will also include minor intersection improvements to the intersection of Shamrock Industrial Boulevard at Rockwood Road to better accommodate large trucks. This includes larger radius returns and consideration of mountable curb and gutter and traffic hatching.

PROFESSIONAL SERVICES:

The work in this proposal will consist of developing preliminary through final construction plans. Pond, along with our subconsultants, will provide the design services necessary in completing the tasks as described herein for the Town of Tyrone.

Scope of Work

Task 1: Base Data Coordination/Development

Task 1A. Base Mapping Setup – Pond will utilize available GIS information and aerial imagery to prepare the base mapping. This includes parcel data, roadway data, utility data, and contour information. This information will be overlaid on high-resolution aerial imagery.

Task 1B. Survey – Survey services will be performed by a sub-consultant, Patterson and Dewar, and provided to Pond. The limits include approximately 80' W by 100' long, centered at the intersection of Shamrock Industrial Boulevard at Rockwood Road. Property research and resolution, property owner notification, and project control will also be performed as part of this task.

Task 1C. Geotechnical Services Allowance – Pond will utilize the geotechnical subconsultant, ECS, to complete asphalt pavement cores with soil test borings at various locations determined along the corridors listed above. Traffic control and utility locates are included.

The soil test borings are planned to a depth of 5 feet below existing ground surface. The purpose of the field exploration would be to provide information on the pavement and shallow subsurface soil conditions. Laboratory testing will be completed for all samples, along with a written report. When the field exploration has been completed, a written report outlining the findings and recommendations will be published. An electronic color PDF version of the report will be issued after completion. The report will describe the site conditions and subsurface data, as well as provide a limited engineering evaluation of the site relative to the proposed development. Some of the specific items addressed will include:

- Results of the exploration including boring logs, laboratory testing results, and photographs of the existing site conditions and pavement cores
- Pavement design recommendations
- Determination of potential poor-quality soil or fill material
- Site preparation and fill placement recommendations

Deliverables for Task 1:

- Geotechnical Report

Task 2: Preliminary Design

Task 2A. Preliminary Design Plans – The Preliminary Plans deliverable will include roadway plans, typical sections, utility plans (as/if applicable), signing and marking plans, and erosion control plans (as/if applicable). The design will include a total of (4) culvert replacements along Kylemore Court and Drum Cliff Court. Pond will prepare the construction plans, prepared based on the topographic survey database. The design plans will be prepared conforming to AASHTO, Manual on Uniform Traffic Control Devices (MUTCD), Town of Tyrone/Fayette County, and Georgia Department of Transportation (GDOT) requirements and standards, as appropriate, using Microstation V8i software with InRoads.

Task 2B. Site Visit – Pond will complete a site visit to all locations identified to measure lane widths and note relevant items including cracked curb and gutter, manholes and valves, etc.

Task 2C. Cost Estimate – Pond will prepare an opinion of probable cost/cost estimate for the project including all resurfacing locations.

Task 2D. Town of Tyrone Review – Pond will submit the Preliminary Plans to the Town of Tyrone for comment/approval. This task includes (1) meeting with the town to discuss the plans. We will respond to (1) round of comments and incorporate appropriate comments into the plans (during Task 3).

Deliverables for Task 2:

- Preliminary Plans
- Cost Estimate

Task 3: Final Design

Task 3A. Final Design Plans – Based on all comments received from the Preliminary Plan submittal, we will further refine plans. These plans will include compiling a list of all Preliminary Plan comments received and our responses, prior to incorporating into Final Plans.

Task 3B. Cost Estimate – Pond will prepare an opinion of probable cost for the project including all resurfacing locations.

Task 3C. Town of Tyrone Review – Pond will submit the Final Plans to the Town of Tyrone for comment/approval. This task includes one meeting with the town to discuss the plans. We will respond to (1) round of comments and incorporate appropriate comments into the plans.

Deliverables for Task 3:

- Final Plans
- Cost Estimate

Task 4: Construction Bid and Construction Support

Task 4A. Respond to RFIs – During the bidding and construction process, we will respond in writing to the contractor's request for information.

Task 4B. Construction Observation/Punch List – Pond will provide personnel to perform (7) total visits to the site during construction to make sure that the construction is moving along as planned. These visits will be documented as written reports. This includes: (6) site visits during construction and (1) final inspection.

Task 5: Railroad Coordination and Plan Revisions (Contingent Service)

Task 5A. Railroad Coordination – During the preliminary design process, we will coordinate with CSXT Railroad and Georgia Department of Transportation – Division of Intermodal regarding the railroad crossings. This will include the portion of intersection improvements at Shamrock Industrial Boulevard at Rockwood Road within railroad right-of-way. The plans will be prepared to conform with the application sections of the Public Projects Manual. Additional survey for railroad at-grade crossing and/or along existing railroad line is excluded from this scope of work due to the intersection improvement not impacting railroad facilities in any way.

As part of this process, Pond will provide them with the plans at specified milestones for review and approval. From past experiences, the railroad entities typically require a Preliminary Engineering (PE)



3500 Parkway Lane, Suite 500
Peachtree Corners, GA 30092
T: 678.336.7740

Agreement to be in place prior to review. In the event additional fees are incurred from the railroad, these fees will be the responsibility of the Town of Tyrone.

Schedule

Pond has estimated that the design tasks above can be completed within (4) months from approved notice to proceed with this task order. Please note that these time frames are dependent on review times and exclude Railroad Coordination (*Task 5*). Should *Task 5* be approved, it is estimated to take another (4) months of design time. Task 4 will begin upon design completion and is estimated to take (4) months.

ASSUMPTIONS:

The design plans will be prepared as a locally funded project.

Services or tasks not specifically outlined above are excluded and would be considered additional services. Services not included in the scope:

- Full Design/Engineering Plans
- Topographic Survey (Beyond Task 1)
- Right-of-Way Plans
- GDOT Plan Development Process (PDP)
- Traffic Engineering Report/Analysis
- Staging Plans
- Subsurface Utility Engineering (SUE) Services
- Landscape/Hardscape Plans
- GDOT Concept Report
- Additional Meetings
- MS4 Analysis/Documentation
- Environmental Services
- Erosion Control Plans/Inspection
- Utility Coordination
- Railroad Fees

PROFESSIONAL FEES:

Pond proposes to accomplish *Task 1* through *Task 4* based on the contracted unit rates, not to exceed a total fee of \$99,259.75. The fees are summarized in the attached Man-Hour Fee Estimate.

*Should the Town of Tyrone decide to proceed with *Task 5* (Railroad Coordination), the associated fee would be an additional \$16,259.50.

If this fee and scope is acceptable, Pond & Company is available to begin work immediately. If you would like us to discuss or modify the scope, please contact myself or Zach Puckett, who will serve as the Project Manager. If you need any additional information, please feel free to contact me at (678) 336-7740.

Sincerely,

POND & COMPANY

Richard Fangmann, PE, PTOE
Vice-President

Zach Puckett, PE, IMSA II
Project Manager

Town of Tyrone

On-Call - Task Order #11
2025 Roadway Resurfacing
Project Length 1.73 miles

SUMMARY BY PHASE

COST AMOUNT OF CONTRACT PROPOSAL

9/30/2024

	PHASE AMOUNTS
Phase 1 Base Data Coordination/Development	\$ 33,769.00
Phase 2 Preliminary Design	\$ 39,249.50
Phase 3 Final Design	\$ 12,061.00
Phase 4 Construction Bid and Construction Support	\$ 14,180.25
Phase 5 Railroad Coordination (If Required) *	\$ 16,259.50
<i>*Not reflected in total amount below</i>	
TOTAL DESIGN COST FOR ALL SEGMENTS	\$ 99,259.75

Town of Tyrone

Phase 1 Summary

PROJECT: On-Call - Task Order #11 2025 Roadway Resurfacing

Phase 1

Base Data Coordination/Development

PERSONNEL	EST. HOURS	RATE/HR.	COST \$	TOTALS
PRINCIPAL	1	\$ 220.00	\$ 220.00	
PROJECT MANAGER	15	\$ 190.00	\$ 2,850.00	
SENIOR ENGINEER	16	\$ 210.00	\$ 3,360.00	
MID LEVEL ENGINEER	42	\$ 127.00	\$ 5,334.00	
SENIOR LANDSCAPE AR	0	\$ 120.00	\$ -	
LANDSCAPE ARCHITECT	0	\$ 95.00	\$ -	
ADMINISTRATIVE	3	\$ 75.00	\$ 225.00	

TOTAL DIRECT LABOR	77 Manhours	\$ 11,989.00
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DIRECT COSTS (SPECIFY):

ITEM	UNIT COST	QUANTITY	TOTALS
Mileage	\$ 0.67	0	\$ -
REPRODUCTION	\$ 150.00	0	\$ -
MAIL & DELIVERY	\$ 50.00	0	\$ -
TRAVEL	\$ -	0	\$ -
			\$ -

Direct Cost Total \$ -

SUBCONSULTANTS (LIST):

SUB CONSULTANT	TOTALS
Geotech-Soil Survey	\$ 14,300.00
Survey	\$ 7,480.00

Subconsultant Sub Total \$ 21,780.00

COST AMOUNT FOR PHASE \$ 33,769.00

PROJECT: On-Call - Task Order #11 2025 Roadway Resurfacing
Phase 1
Base Data Coordination/Development

[illegible]

Phase 2 Summary

Phase 2

Preliminary Design

PERSONNEL	EST. HOURS	RATE/HR.	COST \$	TOTALS
PRINCIPAL	2	\$ 220.00	\$ 440.00	
PROJECT MANAGER	28	\$ 190.00	\$ 5,320.00	
SENIOR ENGINEER	75	\$ 210.00	\$ 15,750.00	
MID LEVEL ENGINEER	136	\$ 127.00	\$ 17,272.00	
SENIOR LANDSCAPE ARCHITECT	0	\$ 120.00	\$ -	
LANDSCAPE ARCHITECT	0	\$ 95.00	\$ -	
ADMINISTRATIVE	4	\$ 75.00	\$ 300.00	
TOTAL DIRECT LABOR 245 Manhours				\$ 39,082.00
DIRECT COSTS (SPECIFY):				
ITEM	UNIT COST	QUANTITY	TOTALS	
Mileage	\$ 0.67	250	\$	167.50
REPRODUCTION	\$ 150.00	0	\$	-
MAIL & DELIVERY	\$ 50.00	0	\$	-
TRAVEL	\$ -	0	\$	-
				\$ -
Direct Cost Total				\$ 167.50
SUBCONSULTANTS (LIST):				
SUB CONSULTANT			TOTALS	
				\$ -
Subconsultant Sub Total				\$ -
COST AMOUNT FOR PHASE				\$ 39,249.50

PROJECT: On-Call - Task Order #11 2025 Roadway Resurfacing
Phase 2
Preliminary Design

[illegible]

Town of Tyrone

Phase 3 Summary

PROJECT: On-Call - Task Order #11 2025 Roadway Resurfacing

Phase 3

Final Design

PERSONNEL	EST. HOURS	RATE/HR.	COST \$	TOTALS
PRINCIPAL	1	\$ 220.00	\$ 220.00	
PROJECT MANAGER	14	\$ 190.00	\$ 2,660.00	
SENIOR ENGINEER	17	\$ 210.00	\$ 3,570.00	
MID LEVEL ENGINEER	43	\$ 127.00	\$ 5,461.00	
SENIOR LANDSCAPE AR	0	\$ 120.00	\$ -	
LANDSCAPE ARCHITEC1	0	\$ 95.00	\$ -	
ADMINISTRATIVE	2	\$ 75.00	\$ 150.00	

TOTAL DIRECT LABOR	77 Manhours	\$ 12,061.00
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DIRECT COSTS (SPECIFY):

ITEM	UNIT COST	QUANTITY	TOTALS
Mileage	\$ 0.67	0	\$ -
REPRODUCTION	\$ 150.00	0	\$ -
MAIL & DELIVERY	\$ 50.00	0	\$ -
TRAVEL	\$ -	0	\$ -

\$ -

Direct Cost Total \$ -

SUBCONSULTANTS (LIST):

SUB CONSULTANT	TOTALS
	\$ -

Subconsultant Sub Total \$ -

COST AMOUNT FOR PHASE \$ 12,061.00

PROJECT: On-Call - Task Order #11 2025 Roadway Resurfacing
Phase 3
Final Design

[illegible]

Phase 4 Summary

Phase 4

Construction Bid and Construction Support

[illegible]

PROJECT: On-Call - Task Order #11 2025 Roadway Resurfacing
Phase 4
Construction Bid and Construction Support

[illegible]

Phase 5 Summary

Phase 5

Railroad Coordination (If Required)	
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PERSONNEL	EST. HOURS	RATE/HR.	COST \$	TOTALS
PRINCIPAL	4	\$ 220.00	\$ 880.00	
PROJECT MANAGER	20	\$ 190.00	\$ 3,800.00	
SENIOR ENGINEER	29	\$ 210.00	\$ 6,090.00	
MID LEVEL ENGINEER	36	\$ 127.00	\$ 4,572.00	
SENIOR LANDSCAPE AR	0	\$ 120.00	\$ -	
LANDSCAPE ARCHITECT	0	\$ 95.00	\$ -	
ADMINISTRATIVE	10	\$ 75.00	\$ 750.00	
TOTAL DIRECT LABOR 99 Manhours \$ 16,092.00				
DIRECT COSTS (SPECIFY):				
ITEM	UNIT COST	QUANTITY	TOTALS	
Mileage	\$ 0.67	250	\$	167.50
REPRODUCTION	\$ 150.00	0	\$	-
MAIL & DELIVERY	\$ 50.00	0	\$	-
TRAVEL	\$ -	0	\$	-
			\$	-
Direct Cost Total			\$	167.50
SUBCONSULTANTS (LIST):				
SUB CONSULTANT			TOTALS	
			\$	-
Subconsultant Sub Total \$ -				
COST AMOUNT FOR PHASE			\$	16,259.50

PROJECT: On-Call - Task Order #11 2025 Roadway Resurfacing
Phase 5
Railroad Coordination (if Required)

[illegible]

2025 Asphalt Resurfacing PW-2025-01
Task Order 11?

Road	From	To	Length	Width	Area(Sqft)	Paved	Last	Comments
SHAMROCK INDUSTRIAL BLV	ROCKWOOD RD	CLOVER LN	952.1	28	26658.8	2010		Subtract 260 LF recently paved @ address 152
SHAMROCK INDUSTRIAL BLV	MALLORY CT	MCCARTHY CT	965.7	35	33799.5	2002		
SHAMROCK INDUSTRIAL BLV	CLOVER LN	MALLORY CT	1488.7	32	47638.4	2002		461 LF missing surface course
MALLORY CT	SHAMROCK INDUSTRIAL BLV	CUL-DE-SAC	708.5	31	21963.5	2009		
MCCARTHY (no surface course)	SHAMROCK INDUSTRIAL BLV	CUL-DE-SAC	780	32	29614.0	2009		Road is missing surface course
DRUM CLIFF CT	CASTLEWOOD RD	YEATS CT	942.9	22	20743.8	1993		
DRUM CLIFF CT	YEATS CT	STRANDHILL RD	1150.2	22	25304.4			
KYLEMORE CT	KYLEMORE PASS	CUL-DE-SAC	162.7	24	3904.8	1993		
KYLEMORE PASS	STRANDHILL RD	KYLEMORE CT	667.2	24	16012.8	1993		
KYLEMORE PASS	KYLEMORE CT	CUL-DE-SAC	299.9	24	7197.6			
YEATS CT	DRUM CLIFF CT	CUL-DE-SAC	766.8	22	16869.6	1993		
CLOVER LN	SHAMROCK INDUSTRIAL BLV	END	265	26	6890.0	2010		

Culverts to be replaced

Kylemore Ct - 36" BCCMP 26 LF
215 Drumcliff Ct - 18" BCCMP 31 LF
155 Drumcliff Ct - 42" BCCMP 32 LF
100 Drumcliff Ct - 18" BCCMP 43 LF

There will not be culverts replaced in the industrial park.