

RESOLUTION NO. 2016-104

WHEREAS, the Township Council of the Township of Aberdeen is in need of professional engineering services associated with 2017 Road Improvement Program – Church Street Water Main Extension; and

WHEREAS, CME Associates submitted a proposal on July 29, 2016 for aforementioned engineering services.

NOW, THEREFORE, BE IT RESOLVED by the Township Council of the Township of Aberdeen that the Mayor And Clerk are authorized to execute an agreement with CME Associates for a cost not to exceed the sum of \$56,237.00, in accordance with a proposal dated July 29, 2016, attached hereto and made part of this resolution.

This agreement is made without competitive bidding as a “professional service” under the provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-5(1)a(I).

BE IT FURTHER RESOLVED that this resolution is subject to the Township Manager’s certification of availability of Township of Aberdeen funds.

JOHN H. ALLGAIER, 1983-01
DAVID J. SAMUEL, P.E., P.P.
JOHN J. STEFANI, P.E., L.S., P.P.
JAY B. CORNELL, P.E., P.P.
MICHAEL J. McCLELLAND, P.E., P.P.
GREGORY R. VALES, P.E., P.P.



TIMOTHY W. GILLEN, P.E., P.P.
BRUCE M. KOCH, P.E., P.P.
LOUIS J. PLOSKONKA, P.E.
TREVOR J. TAYLOR, P.E., P.P.
BEHRAM TURAN, P.E.

July 29, 2016

Ms. Holly Reycraft
Township Manager
Township of Aberdeen
One Aberdeen Square
Aberdeen, New Jersey 07747

**Re: Proposal for Professional Services for the
2017 Road Improvement Program -
Church Street Water Main Extension
Our File No. PAB00660.01**

Dear Ms. Reycraft:

Thank you for considering our Firm for the above referenced work and allowing us to submit this proposal for Professional Services associated with the above reference Project.

INTRODUCTION

We have reviewed the scope of services for the Project, and we have visited the roadways in order to familiarize ourselves with the Project limits.

We understand that the scope of the proposed improvements generally includes the installation of a 16" water main extension between Atlantic Avenue and Church Street within 7th Street and 8th Street. Restoration includes the full width asphalt pavement milling of 7th Street and 8th Street, water main trench repair, removal of asphalt pavement, the installation of dense graded aggregate base course and hot mix asphalt base course as necessary, hot mix asphalt surface course overlay, the removal and replacement of concrete curb where necessary, and maintenance and protection of traffic during the improvements.

We have preliminarily estimated the construction cost for this Project at \$560,549.00, which is dependent on the actual magnitude of improvements deemed necessary during the design phase.

It is our understanding that the improvements proposed herein will be bid and constructed in conjunction with the 2017 Road Improvement Program and our proposal has been prepared accordingly. Our proposal has considered the elements of the work as discussed with the Township, and our Firm has the capabilities of providing the necessary land surveying and engineering services associated with the Project.

SURVEY, BASE MAPPING AND DESIGN FOR THE CHURCH STREET WATER MAIN EXTENSION IN CONJUNCTION WITH 2017 BUDGET YEAR ROAD PROGRAM

We anticipate that the Professional Services associated with the Church Street Water Main Extension will consist of the necessary topographic survey and base mapping, design, permitting, plan and specification preparation for the water main extension and milling and paving of 7th Street (from Atlantic Avenue to 8th Street) and 8th Street (from 7th Street to Church Street).





Ms. Holly Reycraft
Township Manager
Re: 2017 Road Improvements Program
Church Street Water Main Extension

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DESIGN PHASE SERVICES

PHASE I - DESIGN

TASK 1 - SURVEY, BASE MAPPING, AND SUBSURFACE EVALUATION

Concerning the survey and base mapping, we anticipate performing field surveys to establish baselines, locate topographic features, establish vertical control, and obtain cross-section data at 50' intervals along 7th Street and 8th Street within the defined Project limits. Cross section elevations will be taken at the roadway centerline, at the top and bottom of curb, and will extend a distance of 10' from the right-of-way line, where accessible. Spot elevations will be taken, if and where required, in order to supplement the cross-section data, including elevations at driveways in order to eliminate potential conflicts.

We intend to prepare plan and profile base maps at a scale of 1" = 30', or other appropriate scale. Where possible the locations of existing utilities will be compiled and added to the plans, if and where necessary.

TASK 2 - DESIGN OF IMPROVEMENTS, PLANS AND SPECIFICATIONS

With regard to the design phase for the Project, we anticipate meeting with representatives of the Township prior to commencing the design phase in order to review the Project schedule and other preliminary issues. Plans will be prepared in plan and profile format.

Additionally, we anticipate providing individual curb ramp details for proposed curb ramps at the intersection of 8th Street and Church Street. Curb ramp details will be prepared at a suitable scale to provide ADA conforming curb ramps.

We will identify the locations of potential utility conflicts during the design phase and request that the utility companies provide test pit data for same.

In addition to the pre-design meeting, we anticipate meeting with representatives of the Township when the plans are 50% and 90% complete. The plans will be revised to comply with Township comments and preliminary cost estimates will be submitted for Township review at the 50% and 90% complete review meetings.





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Township Manager
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PHASE I - COST PROPOSAL

Accordingly, based upon the above outlined scope of services, we find that the necessary surveying, base map preparation, design, plan and specification preparation can be provided for the lump sum fee indicated below based upon the following breakdown:

Task 1 - Surveying and Base Map Preparation	\$3,522.00
Task 2 - Design, Plans and Specifications	<u>\$27,890.00</u>
Phase I Subtotal	\$31,412.00

CONSTRUCTION PHASE SERVICES

We will provide construction phase services based on our attached hourly rate schedule and the actual time necessary to provide these services since same could vary considerably depending upon the contractor awarded the Project and the final scope of work.

For budgeting purposes, we have preliminarily estimated the cost for anticipated construction phase services at ~~\$24,825.00~~, based upon the required tasks and the anticipated contract completion time of 30 calendar days.

SUMMARY

Our hourly rates shall be firm until January 1, 2017 after which they may be subject to re-negotiation. Invoices shall be paid within 30 days of presentation of same.

Our contract documents will include wording that requires the contractor to be responsible for all applicable OSHA and other regulatory agency requirements, as well as safety, construction means and methods, and the usual other requirements that are normally included in our standard specifications.

Please note that the above estimate does not include costs associated with easement and/or right of way acquisition mapping and metes and bounds descriptions for property acquisition other than those listed, nor do they include bonding fees, or legal fees. In addition, the above costs do not include subsurface investigations.

Our proposal does not include permit fees or the preparation of permits other than those listed, nor does it include demonstration of offsite stability if required by the Freehold Soil Conservation District.

Your return of a signed copy of this proposal indicating your acceptance to the terms and conditions presented herein will represent your authorization for us to proceed.





Ms. Holly Reycraft
Township Manager
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Thank you again for permitting our Firm to submit this proposal, and we look forward to serving your municipality.

Should you have any questions regarding this matter, do not hesitate to contact this office.

Very truly yours,
CME ASSOCIATES

Richard J. McCrelland, P.E.
Township Engineer's Office

ACCEPTED BY: _____

THIS _____ DAY OF _____, 2016

ATTESTED BY: _____

THIS _____ DAY OF _____, 2016

