

**RESOLUTION NO. 2020-133**

**A RESOLUTION OF THE TOWNSHIP OF BARNEGAT, COUNTY OF OCEAN AND STATE OF NEW JERSEY AUTHORIZING THE TOWNSHIP ENGINEER, CME ASSOCIATES TO PROVIDE ENGINEERING SERVICES FOR THE NJDOT FY 2020 PINE OAK BOULEVARD RECONSTRUCTION PROJECT**

**WHEREAS**, the Township of Barnegat, County of Ocean, State of New Jersey (the “Township”) has been awarded a New Jersey Department of Transportation Local Aid grant for the next phase of the reconstruction of Pine Oak Boulevard, from the southerly Dogwood Drive intersection (the “Project”); and

**WHEREAS**, the Township Engineer, CME Associates has provided a proposal to the Township for the professional survey and engineering services related to the Project that is set forth in the December 13, 2019 proposal from the Township Engineer, a copy of which is attached hereto which indicates that the total estimated lump sum fee for the services is \$38,500.00; and

**WHEREAS**, the Township finds it necessary and appropriate to authorize the Township Engineer, CME Associates, to undertake the professional survey and engineering services for the Pine Oak Boulevard Reconstruction Project in accordance with the December 13, 2019 proposal.

**NOW THEREFORE BE IT RESOLVED** on this 3<sup>rd</sup> day of March 2020 by the Mayor and Township Committee of the Township of Barnegat, County of Ocean, and State of New Jersey as follows:

1. The Township hereby authorizes the Township Engineer, CME Associates, to undertake the professional surveying and engineering services associated with the NJDOT FY 2020 Pine Oak Boulevard Reconstruction Project as set forth in the December 13, 2019 proposal

from CME Associates, a copy of which is attached hereto and made a part hereof. The total fees with regard to said proposal is in an amount not to exceed \$38,500.00 as set forth in the proposal.

2. A certified copy of this resolution shall be forwarded by the Township Clerk to the following:

- (a) John J. Novak, Mayor;
- (b) Martin Lisella, Township Administrator;
- (c) Thomas Lombarski, CFO;
- (d) Kurt Otto, PE, PP, CME, Township Engineer;
- (e) Christopher J. Dasti, Esq., Township Attorney

#### **CERTIFICATION**

I certify that the forgoing Resolution was duly adopted by the Township of Barnegat at a meeting held on \_\_\_\_\_ March 3, 2020 \_\_\_\_\_, a quorum being present and voting in the majority.

Prepared by:

\_\_\_\_\_  
Michele Rivers, Township Clerk

\_\_\_\_\_  
**THE LAW OFFICES OF  
CHRISTOPHER J. DASTI**

**LAW OFFICES OF  
CHRISTOPHER J. DASTI**  
  
COUNSELLOR AT LAW  
  
900 NEWARK AVENUE  
P.O. BOX 779  
FORKED RIVER, N.J. 08731



December 13, 2019

JOHN H. ALLGAIR, PE, PP, LS (1983-2001)  
DAVID J. SAMUEL, PE, PP, CME  
JOHN J. STEFANI, PE, LS, PP, CME  
JAY B. CORNELL, PE, PP, CME  
MICHAEL J. McCLELLAND, PE, PP, CME  
GREGORY R. VALES, PE, PP, CME

TIM W. GILLEN, PE, PP, CME (1991-2019)  
BRUCE M. KOCH, PE, PP, CME  
LOUIS J. PLOSKONKA, PE, CME  
TREVOR J. TAYLOR, PE, PP, CME  
BEHRAM TURAN, PE, LSRP  
LAURA J. NEUMANN, PE, PP  
DOUGLAS ROHMEYER, PE, CFM, CME  
ROBERT J. RUSSO, PE, PP, CME  
JOHN J. HESS, PE, PP, CME

**Sent via Electronic & Regular Mail**

Martin Lisella, Township Administrator  
Township of Barnegat  
35 Municipal Drive  
Barnegat, NJ 08008

**Re: Fee Estimate for Professional Surveying and Engineering Services  
NJDOT FY 2020 Pine Oak Boulevard Reconstruction  
Barnegat Township, Ocean County, NJ  
Proposal No. 2019-258**

Dear Mr. Lisella:

Thank you for the opportunity to allow CME Associates to provide this proposal for the FY 2020 Pine Oak Boulevard Reconstruction Project, in Barnegat Township. It is our understanding the Township proposes to continue with the next phase of Pine Oak Boulevard, from southerly Dogwood Drive intersection, and has recently been awarded a NJDOT Local Aid grant in the amount of \$325,000 to assist in construction costs. As you know, CME Associates assisted Barnegat Township in the 2020 Local Aid application for Pine Oak Boulevard Reconstruction.

Pursuant to the Township's request for professional land surveying and engineering services, we are pleased to submit our fee estimate for consideration. The project description is as follows:

**1. 2020 Pine Oak Boulevard**

The Pine Oak Boulevard Reconstruction project calls for the reconstruction of Pine Oak Boulevard, starting at the southerly intersection with Dogwood Drive, and proceed north. The proposed reconstruction includes, but is not limited to, full width milling and overlay with 2" asphalt surface course, striping, subbase repair where needed, drainage repairs where needed, intersection ADA improvements, and restoration, all per the previously prepared construction cost estimate. It is understood that curb/sidewalk/driveway aprons are homeowner responsibility.

A more detailed description of work for each task referenced above is as follows:

**A. Survey and Base Map Phase Services**

Work in this phase will include preparation of base mapping for use in the design of the construction plans. We will utilize GIS mapping for the base map supplemented with field survey data where necessary within any areas of grading concern or where stormwater management improvements are necessary. Approximate property lines will be established utilizing located property markers and tax map information.

**Survey and Base Map Services .....\$9,000.00**

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Martin Lisella, Township Administrator  
Township of Barnegat  
Re: Fee Estimate for Professional Design Services  
Pine Oak Boulevard Reconstruction

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**B. Design Phase Services**

The work in this phase will involve the preparation of the necessary plans and designs for the proposed work described above and will involve but not be limited to the following:

1. Perform site visits and collect existing site information.
2. Coordination with utility companies on proposed work and their respective existing utility infrastructure, and whether any utilities will require repair or replacement.
3. Retain the services of a qualified subcontractor for asphalt pavement coring to determine depths of existing roadway, in order to review proposed milling and reconstruction method.
4. Preparation of Construction Plans including:
  - a. Construction Plans in accordance with NJDOT application
  - b. Soil Erosion and Sediment Control Plan and Details
  - c. Traffic Striping Plans
  - d. Traffic Control Plan
  - e. Construction Details
5. Calculations of construction quantities and preliminary construction cost estimates.
6. Once the preliminary design is complete, plans will be submitted to the Township for review and comment prior to finalizing. Upon completion of final design, the design documents will be submitted to the NJDOT for review and authorization to advertise.

**Design Phase Services .....\$20,000.00**

**C. Permit Phase Services**

It is anticipated that the proposed work will require a permit from the Ocean County Soils Conservation District (OCSCD) prior to beginning construction. This fee estimate includes preparation of the Soil Erosion and Sediment Control Plan and Details and submission of a permit application to the District for approval. Application fees will be requested from the Township prior to submission to the District.

**Permit Phase Services .....\$2,000.00**





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**D. Preparation of Bid Documents Phase Services**

The work in this phase will involve the preparation of the necessary plans and bid documents for the public bid process in accordance with the Local Public Contracts Law. It is assumed that a single set of bid documents will be utilized for all work referenced above. A final construction cost estimate will be developed under this phase.

**Preparation of Bid Documents Phase Services .....\$4,500.00**

**E. Bid Phase Services**

This phase will include the following services to publicly bid the project in accordance with the Local Public Contracts Law. It should be noted that this fee is based upon bidding all work under one contract.

1. Coordination with NJDOT as needed
2. Provide Bid Documents to Prospective Bidders as needed
3. Provide Addenda for Clarification of Project Specifications, if required
4. Attend Bid Opening
5. Analyze Responsible Bids and Recommend Contract Award; and
6. Coordinate with the Township as needed

**Bid Phase Services .....\$3,000.00**

To summarize, our fee breakdown is as follows:

<b>Survey and Base Map Phase Services .....</b>	<b>\$9,000.00</b>
<b>Design Phase Services .....</b>	<b>\$20,000.00</b>
<b>Permit Phase Services .....</b>	<b>\$2,000.00</b>
<b>Bid Document Preparation Phase Services .....</b>	<b>\$4,500.00</b>
<b><u>Bid Phase Services .....</u></b>	<b><u>\$3,000.00</u></b>
<b>Total Estimated Lump Sum Fee for Services .....</b>	<b>\$38,500.00</b>



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### Exceptions

- Any engineering services not indicated in this proposal will be invoiced at a mutually agreed upon price and as specifically authorized by the Administrator and/or the Township Governing Body.
- Environmental investigations and any NJDEP permitting related services are excluded as part of this fee estimate. Should any NJDEP permits be required, CME shall provide the Township a separate proposal for these services.
- Parcel mapping and property acquisition related services have not been included as part of this fee estimate. Right-of-way lines will be established using GIS and tax map information and will not be identified based on deed research and survey monumentation.
- Preparation of any easement sketches and metes and bounds descriptions for temporary or permanent easements as extent of same is unknown at this time.
- Construction stakeout and preparation of as-built plans is not included.
- This proposal excludes the evaluation and design of any water and sewer improvements for this project not referenced above.
- Application and/or permits fees have not been included within this fee estimate. Same shall be requested once calculated.
- Utility survey and/or relocation services are not included
- Post construction pavement cores and testing are excluded. Separate proposal to be provided to Township based on NJDOT requirements.
- Construction phase services have been excluded at this time. At the time of award, based upon final scope of work, we will request an additional authorization. **However, at this time it is recommended the Township budget approximately \$39,000.**
- Any services outside the scope of this proposal will be considered extra and will be invoiced on an hourly basis in accordance with the enclosed rate schedule or a mutually agreed upon fixed fee.



Martin Lisella, Township Administrator  
Township of Barnegat  
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The above fee estimate is based on information provided to us by the Township. Should the scope of the project change requiring additional professional fees, we will detail same in writing and seek authorization prior to proceeding.

Should you accept this proposal, kindly prepare a professional services Resolution as authorization for us to proceed.

Thank you again for the opportunity to offer our professional services, and should you have any questions or require additional information, please do not hesitate to contact this office.

Very truly yours,

CME Associates

Kurt Otto, PE, CME, CFM  
Project Manager

KO/ko