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November 15, 2013

TO: Missouri Department of Transportation / ATTN: MaryAnn Jacobs / 1590 Woodlake Drive / Chesterfield, MO 63017-5712

RE: Roadway Design Services / LPA On Call

Cole & Associates, Inc. is very interested in continuing to provide professional roadway design services for Missouri's Local Program (LPA) in response to the solicitation for on-call services. The following Letter of Interest will detail our qualifications in the categories of criteria required by the solicitation. We appreciate your consideration of our firm and are confident that we can meet the needs of the program. Should you have any questions, please do not hesitate to contact Robert G. Butchko, PE, Executive Vice President/Director of Engineering / rbutchko@colestl.com / (314) 808-5050 (cell).

General Experience of Firm: Cole is a multi-disciplined firm providing civil engineering, land surveying, planning, and landscape architectural services with a 22 year history of providing quality professional services to governmental agencies, developers, and owners of residential and commercial properties. To best service the metro area, we have two offices located in the City of St. Louis and the City of St. Charles with a staff of over 35 which includes eleven professional engineers, two EIT's, four professional land surveyors, and two registered landscape architects as well as CADD drafting, 3D modeling, technology, and administrative support staff.

As demonstrated by our past performance, our extensive experience designing federally funded LPA projects includes work for several local municipalities and agencies. We have completed infrastructure projects according to the LPA process for the City of St. Charles, City of St. Louis, City of Lake St. Louis, City of Hazelwood, and St. Charles County. We have recently completed road work for additional cities and counties such as City of Ellisville, City of Cottleville, City of Maryland Heights, City of Webster Groves, and St. Louis County. Our familiarity with the LPA process and various funding sources has provided these public entities with ease of mind and efficiency in delivering an effective solution. Our extensive roadway design experience also includes projects that possess many unique design components such as ADA compliance and agency coordination on water quality treatment for pavement runoff. Cole was the first consultant to collaborate with the Metropolitan St. Louis Sewer District (MSD) on a solution to provide treatment for road drainage meeting MSD's strict Water Quality requirements.

Workforce Diversity: Cole has made diversity in our workplace a priority in staff additions and our current staff consists of 17% Women and 3% Minority, with staff addition commitments for this spring to increase our Minority to 6%.

Past Performance: Cole's technical competence and extensive familiarity with federally funded roadway design has resulted in a strong history of producing quality projects that meet specific criteria and goals. This familiarity allows to utilize our knowledge of requirements and design standards to deliver a successful project that meets agency and stakeholder expectations. The below examples will demonstrate this experience in a detailed listing of similar projects that are either currently on schedule or were completed on time and within budget.

South Fifth Street Improvements / City of St. Charles, MO - This LPA federally funded project consisted of intersection improvements at the intersection of S. Fifth Street and I-70 offramp, S. Fifth and Veterans Memorial, S. Fifth and S. River Road and S. River Road and S. Main Street. The project also provided storm sewer improvements, underground utility line relocation, new watermain construction and new traffic signals. Completed Nov 2012.

South Broadway / City of St. Louis - Cole was selected by the City of St. Louis, Board of Public Service, to provide professional design services for street improvements on South Broadway from East Courtois to Upton. The project was funded through the American Recovery and Reinvestment Act (ARRA). Enhancements included street overlay, sidewalk and curb ramp reconstruction, ADA accessibility, hardscaping, landscaping, and street furniture. Cole provided design, construction, construction management, and testing. This project was designed on schedule with an aggressive design schedule due to the ARRA funding requirements. Completed 2010.

Lake Saint Louis Boulevard Improvements / City of Lake St. Louis, MO - Cole was selected to provide STP Permit preparation for this project which includes the pavement re-surface or reconstruction of approximately 5,106 feet of concrete roadway and replacing the existing section with a two-lane avenue. The project also includes a landscaped center median, mixed use trail, landscaped parkway and turn lanes plus the overlay of approximately 13,651 feet of existing asphalt. The overlay portion of the project received federal funding and required coordination with MoDOT. Completed 2009.

Main Street / City of Cottleville, MO - Cole was selected by the City to provide professional design services for street improvements along Main Street, between Chestnut and Oak Street. The improvements included new 2-way street, angled and parallel parking, sidewalk, retaining walls, brick pavers, decorative street lights, ADA accessibility and landscaping. The project is still under design and Cole is working with the St. Charles County Road Board on trying to secure road board funds to help fund the project. Project under design.

Tuxedo Road / City of Webster Groves, MO - Cole was selected to perform design services for an approximately 1,100 linear foot roadway reconstruction project. The design included roadway design, ADA compliant sidewalk and ramp design, storm sewer design, utility coordination, and water quality design. The existing 24 foot wide roadway section was widened to include a 26 foot wide section. The existing roadway profile was modified to improve roadway drainage. Completed 2012.

Hoff Road / City of O'Fallon, MO - Cole was selected to study 2 options to realign Hoff Road from West Terra Lane to Progress Lane West. (Approx. 2800 feet). The Hoff Road study includes coordination with an existing railroad, the realignment of two insufficient horizontal curves and the installation of new pavement and enclosed drainage. Detailed cost estimates will be prepared for both options which will not only include construction costs but anticipated right of way costs so that the City can fully evaluate which option is preferred. Completed 2011.

Reading Avenue / City of Maryland Heights, MO - Phase I of this project involved the reconstruction of approximately 600 feet of a local unimproved street to include pavement widening, concrete curb and gutter, sidewalks, storm sewers and street lighting. Phase II required the design of an approximate 1,500 linear foot section of roadway reconstruction and improvement to include a new 27 foot wide roadway and curb and gutter section, new sidewalks on both sides of the roadway, and adding an enclosed drainage system. The existing sections consisted of a 22 foot wide two lane roadway with open ditch drainage and no sidewalks. Phase I completed 2009 and Phase II completed 2011.

Raymond & Taplin Avenue / City of Bridgeton, MO - Reconstruction of approximately 1,500 LF of roadway which included a new street section with the addition of curbs, sidewalk, retaining wall, enclosed roadway drainage, water quality design, and modification of existing yard drainage to alleviate resident flooding. Responsibilities included establishment of new horizontal and vertical alignment to meet the confinement of the existing conditions, storm water design, water quality design, ADA compliance, project specification and estimate. Completed 2008.

MarEl Court / City of Ellisville, MO - This project consisted of the replacement of an existing 20 foot wide asphalt residential roadway and the design of an approximately 2,200 linear foot residential 26 foot wide pavement section with curb and gutter. An existing open ditch drainage system was replaced with enclosed drainage. Cole implemented the new MSD Water Quality requirements on this project. Completed 2007.

Qualifications of Personnel: We have assembled a team of highly skilled and motivated professionals who deliver attention to detail, personal service, and commitment to total quality management. Several members of our staff are familiar with the LPA process and can demonstrate a record of meeting the criteria and goals set forth for such projects. Our team is adept at taking these requirements into consideration at the onset of the project to ensure there will be no delays and minimal administrative work.

Tim Baker, PE / Senior Project Manager - Mr. Baker, PE has 22 years of experience in the civil/municipal engineering field which includes the St. Louis County Highway Department, and City of St. Charles, MO. For the City of St. Charles, he was the acting Director of Public Works where he oversaw the department which includes Wastewater Management, Water Distribution, Facilities and the Engineering Division. Tim was also responsible for several multi-million dollar roadway improvement projects including a large highway overpass. He is certified by MoDOT for signals and construction

inspection and has experience with federally funded projects. Tim played a significant role in the recent MoDOT Guardrail project. He has conducted numerous public meetings and has documented success with public involvement. His applicable project management experience includes:

- South Fifth Street in St. Charles, MO - This LPA project consisted of intersection improvements at the intersection of S. Fifth Street and I-70 offramp, S. Fifth and Veterans Memorial, S. Fifth and S. River Road and S. River Road and S. Main Street. The federally funded project also provided storm sewer improvements, underground utility line relocation, new watermain construction and new traffic signals.
- Freymuth Road in Lake St. Louis, MO - This LPA improvement project included 1,800 feet of new ADA compliant sidewalk, new decorative pavers, retaining walls, new curb and entrance approaches, park benches and decorative sidewalk lighting.
- Hoff Road in O'Fallon, MO - Study of two options to realign Hoff Road from West Terra Lane to Progress Lane West. (Approx. 2800 feet). The Hoff Road study includes coordination with an existing railroad, the realignment of two insufficient horizontal curves and the installation of new pavement and enclosed drainage. Detailed cost estimates will be prepared for both options.
- Gutermuth Road in Cottleville, MO - Rerouting Gutermuth Road to the West and aligning with the intersection of Highway N and Motherhead Road. The project consists of a new signal at the intersection of Highway N and Motherhead, a new Box culvert along Gutermuth Road and extensive right-of-way impacts to the adjacent properties due to the alignment and proposed grade of Gutermuth Road.

Chad Janson, PE / Senior Project Manager - Chad has been fully responsible for engineering planning and design on numerous municipal infrastructure projects. Chad will apply his 18 years of experience in transportation and collection system engineering and design, history agency coordination, and keen familiarity with local, state, and federal funding to oversee the project and ensure fluidity throughout the project. His project management experience in delivering quality plans and design solutions for roadway projects includes:

- Wilmer Road in St. Charles County - Roadway realignment and reconstruction project to expand and reconstruct the 2-lane asphalt roadway. Project included geophysical utility relocations, horizontal and vertical alignment modifications, and addition of turning lanes.
- West Meyer Road in Wentzville - Replacement of an existing 2-lane rural asphalt pavement with open drainage with a 5-lane concrete pavement with sidewalks, tree-lawns and an enclosed drainage system. Also includes sewer design, utility relocations, water line replacement and horizontal and vertical alignment modifications. Substantial right-of-way and easement acquisitions and multiple public meetings.
- Various improvement projects in Hazelwood, MO - Addition of curbs & gutters, open drainage is being enclosed, sewers, pavement repair, asphalt overlay, public meetings, and traffic handling.

Additional Cole staff with experience in transportation and roadway design includes: Mike Vonderheide, PE / Senior Project Manager (30 years); Matt Malick, PE / Senior Engineer (14 years); and Robert Genta / Senior Designer (33 years).

Familiarity/Capability: Our familiarity with the guidelines and processes of federally funded projects and our experience working extensively with local public agencies allows us to understand the regulations, order, and required presentation of plans. We have managed projects that received Federal Transportation Program funding including STP and ARRA funds. In addition to those listed on the previous page, this work includes Crown Square, a 2-block mixed-use urban redevelopment project, and the Third and Tecumseh Street Roundabout in the city of St. Charles, as well as South Broadway, a streetscape improvement project in St. Louis, MO, and the Defiance Pedestrian and Bicycle Trail; both of which were designed under an aggressive design schedule in order to comply with ARRA schedule requirements. This experience has allowed us to become precise at adhering to policies and adept at maintaining an efficient process while ultimately keeping the project on schedule.

Accessibility: Cole has a stringent process in place to schedule, monitor and estimate time needed versus staff and subconsultant availability to meet project schedules. Our staff is committed to devoting the time and resources necessary to complete the project in a timely, efficient, and professional manner. We are known for our flexibility, responsiveness, and quality of work as demonstrated by the following quotes:

- John Collins, City of Ellisville regarding MarEl Court: "This was the first municipal street project to comply with new MSD water quality regulations. Cole was instrumental in developing a solution that complied with both the objectives of the City's street improvement program and MSD requirements. I look forward to working with Cole on future improvement projects."
- Jeff Schuepfer, City of O'Fallon regarding the Copperfield Creekbank Stabilization: "We had little complaints from residents during construction and everything was completed as scheduled. Overall, the project was a huge success."



“Mar El Court was the first municipal street project to comply with the new water quality regulations by the Metropolitan St. Louis Sewer District. The reconstruction had to meet MSD standards in order to obtain design approval. The City relied heavily upon Cole’s knowledge of stormwater regulations and guidance with the MSD approval process.

Cole was instrumental in developing a solution that complied with both MSD regulations and the City’s street improvement program. In addition, they assisted the City in researching various best management practices. We look forward to working with Cole on future improvement projects.”

John Collins
Assistant City Engineer
 City of Ellisville

Firm’s Background

Cole focuses on providing planning, civil engineering, land surveying, and landscape architecture services of the highest professional caliber to governmental agencies, developers, and owners of residential and commercial properties. Since its inception in 1991, Cole has expanded its midwest presence and has grown from a single office headquartered in St. Louis, MO to offices in St. Charles, MO, Dallas, TX, and most recently, Phoenix, AZ. With a staff of 35 licensed in nearly 40 states, Cole’s extensive experience with commercial, municipal, and residential projects represents a strong, versatile, and experienced organization proficient in providing quality and responsive services nation-wide.

Cole’s strength is grounded in the value we bring to projects through our multi-disciplined approach. We are unique in the sense that we can provide all traditional planning services in complete integration with our engineering, survey, and landscape architecture group. We understand that decisions made early in the design process have a direct impact on a project’s feasibility. This forward thinking is critical in saving our clients time and money. Our multi-disciplined approach also reaches beyond our in-house capabilities to our teaming partners in architecture and construction and has direct impact on authenticity of design, site constructability, and sustainability.

Cole is committed to our clients. We utilize proven methods to ensure staff resources are consistently available by performing regular quarterly projections on future design and survey work using a rolling monthly analysis. We also believe it is important to monitor the design concept goals as well as the technical details of every project. Our strict QA/QC process provides quality control reviews on all products before they leave our office. Cole understands that clear and timely communication is one of the most important factors contributing to a project’s success. Our entire team is dedicated to keeping the client and stakeholders abreast of a project’s progress.

Contact:

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Civil Engineering

SERVICES

Roads + Streets
 Pump Stations
 Sanitary Sewer
 Infrastructure Studies
 Utility Planning
 Stormwater Management
 Erosion + Sediment Control
 Feasibility Studies
 Site Analysis
 Water Quality Design
 Land Value Determination
 ROW & Easement Negotiation
 Construction Inspection

Cole's engineering group combines a strong network of talented professionals with real world experience and a solid background touching a wide variety of project types.

Since 1991, we have built a strong reputation on our ability to complete projects right the first time—often ahead of schedule. Our clients recognize us for our quality control process which yields outstanding results. On every project we monitor the design concept goals as well as the technical details of the project to ensure that compliance with goals, objectives, and specific directives are effectively met.

Cole's strong ethics combined with unmatched engineering experience and relentless attention to detail provides clients with the unique ability to break ground ahead of schedule, thus reducing time wasted and money spent.



Surveying

SERVICES

ALTA / ACSM Land Title Surveys
 Topographic Surveys
 Engineering Design Surveys
 Boundary Surveys
 Construction Staking

Merging the latest technologies with some of the most experienced personnel in the industry, Cole's surveying group sets the standard for the industry. We produce highly accurate results for our clients utilizing the latest innovations, such as:

- *GPS*
- *Total Stations & Robotic Stations*
- *Static Surveys*
- *Real-time Kinematics*
- *Automatic + Electronic Levels*
- *Digital Surface Modeling*

Cole offers a full range of land surveying services to clients in the residential, commercial, and municipal sectors. We specialize in jobs that require a fast turn-around, keeping you on schedule providing all plans, information, and expertise necessary to finish your project.



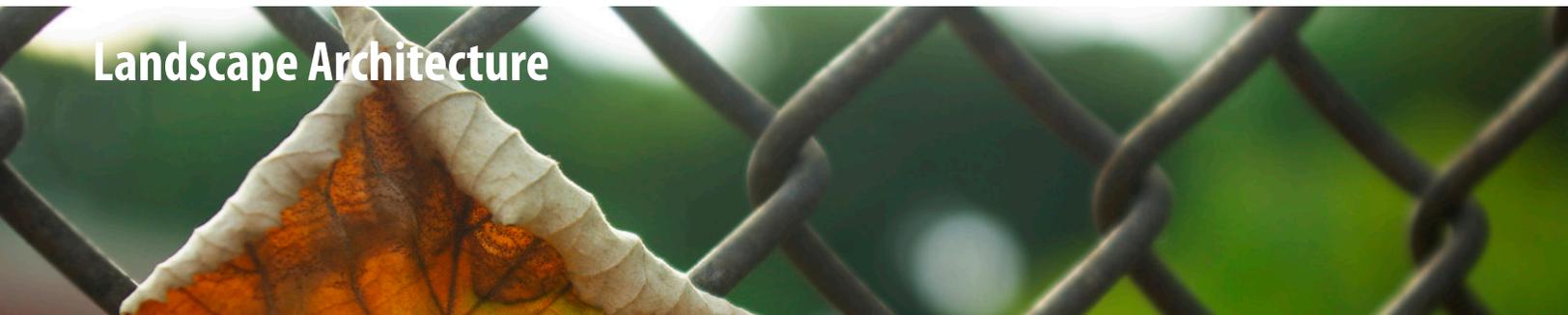
Planning

SERVICES

- Commercial Master Planning
- Mixed Use Master Planning
- Residential Land Planning
- Residential Landscape Planning
- Streetscape Design + Planning
- Park + Open Space Planning
- Corporate Development
- Institutional Development
- Municipal Development

At Cole, we take great pride in the quality of our work on every project. To ensure this high level of success, our team begins every project with a solid plan designed to meet the client's specific objectives. Working independently, or seamlessly integrated with surveying and engineering, our planning group effectively serves the municipal, commercial, and residential markets. Cole combines strong design with commercial realism to produce coherent and cohesive master plan strategies. We are unique in the sense that we provide all of the services traditionally associated with master planning for a wide variety of project types and sizes.

After working with the client to determine specific goals, the final plan developed by Cole is a direct reflection of your project's theme and identity, as well as a program and site analysis. The end result? Your vision becomes reality sooner.



Landscape Architecture

SERVICES

- Landscape Design
- Garden Design
- Site Selection
- Site-Specific Design
- Programming
- Master Planning
- Architectural Massing Studies
- A/E Design Coordination
- Inventory + Analysis

Cole creates and implements landscape architectural designs that are sustainable, easily accessible, and seamlessly integrated into the surrounding context and communities. Our landscape architecture specialists can solve your specific landscaping challenge, or work as a team with our surveyors and civil engineers to prepare an entire site for construction. We work closely with commercial/custom builders for new construction as well as owners of established residences and buildings.

Our goal is to create an image through professional landscape design and construction that goes beyond typical materials and landscape elements—we'll collaborate with you to create an atmosphere that's a direct reflection of your company and your mission.

ADA Compliance & Design



SERVICES

- ADA Accessibility Design
- ADA Compliance Analysis
- ADA Transition Planning
- Self Evaluations

Cole provides site planning that programs all ADA accessible routes from the public right of way and ADA accessible parking stalls. ADAAG standards are consistently considered throughout the entire design process to ensure projects are compliant when built. Cole also assists government agencies with the preparation and implementation of ADA transition plans which requires the inventory of public infrastructure including sidewalks using the latest technology.

GIS



SERVICES

- GIS Mapping
- GIS Database
- AutoCAD Software
- ESRI Software

Cole combines mapping grade GPS units with GIS (Geographical Information Systems) to more accurately gather, store, process, and deliver geographic information. This provides the tools for creating, visualizing, and interpreting data associated with developing and managing utility and infrastructure projects. The use of GIS streamlines the collection, tracking, and real-time analysis of geographic data. Cole can create electronic maps that identify priority areas, reveal patterns, track maintenance or construction schedules.

3D Visualization Modeling



SERVICES

- Real-world Elevations
- Flyover Animations

Cole uses visualization models to illustrate design concepts in 3D and communicate a project's vision to all parties involved including owners, project stake holders, investors, and the general public. Varying levels of models are provided ranging from concept sketches or schematics to full blown realistic renderings and motion picture-like animations simultaneously depicting topographical changes, building heights, characteristics, and landscape.