



PROPOSAL
TO THE
VILLAGE OF OAK PARK

PROFESSIONAL LAND SURVEYING SERVICES
FOR LOCAL STREETS AND DIVISION STREET
IMPROVEMENT PROJECTS

SUBMITTED TO:
VILLAGE OF OAK PARK
ENGINEERING DIVISION OF THE PUBLIC WORKS DEPARTMENT
201 SOUTH BOULEVARD
OAK PARK, ILLINOIS 60302

DUE: AUGUST 29, 2019 BY 4:00 P.M.



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August 29, 2019

Mr. Bill McKenna
Village Engineer
Village of Oak Park
Engineering Division of the Public Works Department
201 South Boulevard
Oak Park, Illinois 60302

RE: Proposal for Professional Land Surveying Services for Local Streets and Division Street Improvement Projects

Dear Mr. McKenna:

The professional surveyors of Mackie Consultants, LLC would like to present our response to the Request for Proposals to the Village of Oak Park to provide Professional Land Surveying Services for the above-referenced project. Our objective is to provide you with a detailed background and summary as to why Mackie Consultants, LLC should be selected as your consultant for your professional service needs.

Mackie Consultants, LLC is a multi-disciplinary consulting firm where our surveyors are qualified in: topographic surveys, horizontal and vertical control networks, plat/document research and analysis, highway right-of-way mapping and monumenting, plats of highway, land acquisition, legal descriptions, plats of dedications, plats of easements, document preparation, property corner monumentation, boundary and retracement surveys, parcel surveys, monument record documents, and ALTA/NSPS Land Title Surveys. Our survey experience extends from IDOT Bureau of Land Acquisition and Bureau of Programming, DuPage County, Kane County, Cook County, City of Chicago, and Illinois State Toll Highway Authority to many other municipal agencies throughout the State of Illinois. Mackie Consultants, LLC is IDOT prequalified in 12 categories including Special Services - Surveying, is fully compliant with governmental regulations, and is an Equal Opportunity Employer.

The Land Surveying Team at Mackie Consultants, LLC is comprised of 25 full time employees, 5 of which are Professionally Licensed Surveyors, 2 Land Surveyors-In-Training, and 4 Survey CAD Technicians experienced with MicroStation V8i, AutoCAD Civil 3D and AutoCAD Land Desktop. Additionally, we have 8 fully equipped field crews that utilize the latest survey technology: Leica Robotic Total Stations, Leica GLONASS GPS units utilizing Reilnet and a Leica Scanner.

Mackie Consultants, LLC has addressed all the submittal requirements listed in the RFP. We are confident that this Proposal demonstrates that Mackie Consultants, LLC has unmatched skills and experience, solid financial resources, and an exemplary reputation as a firm that is responsive, reliable, and cooperative, and that delivers projects on-time and on-budget.

We appreciate the opportunity for Mackie Consultants, LLC to receive serious consideration regarding our qualifications. We look forward to working with the Village of Oak Park to provide successful, timely and professional land surveying services. Please feel free to contact me at 847-696-1400 or at mburke@mackieconsult.com if you have any questions or need any additional information.

Very truly yours,
MACKIE CONSULTANTS, LLC

Martin T. Burke

President



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Section 1.

Company Profile



Company Profile

Company Profile

Mackie Consultants, LLC is a full-service consulting engineering firm providing a wide array of civil engineering, land surveying and construction services, from initial project planning through design, permitting and construction.

Our belief in building a strong professional relationship with our clients is the cornerstone to the success of their project and our reputation. Since 1975, we have dedicated ourselves in providing the foremost in customer service by taking time to understand our client's specific project needs and goals. Our staff's experience, expertise, and understanding of local governing agencies rules and requirements provides our clients with innovative and creative ideas to enhance their project's unique characteristics. We also assist in identifying potential challenges, assess alternatives and implement the most optimal solution for your project.

Mackie Consultants, LLC has a long-standing legacy of providing exemplary performance for governmental clients which are based on project work orders. We are a multi-disciplinary consulting firm where our surveyors are qualified in: topographic surveys, horizontal and vertical control networks, plat/document research and analysis, highway right-of-way mapping and monumenting, plats of highway, land acquisition, legal descriptions, plats of dedications, plats of easements, document preparation, property corner monumentation, boundary and retracement surveys, parcel surveys, monument record documents, and ALTA/NSPS Land Title Surveys. Our survey experience extends from IDOT Bureau of Land Acquisition and Bureau of Programming, Kane County, DuPage County, Cook County, City of Chicago, and Illinois State Toll Highway Authority to many other municipal agencies throughout the State of Illinois. Mackie Consultants, LLC is fully compliant with governmental regulations and is an Equal Opportunity Employer.

Mackie's overall staff of 62 employees includes our land surveying team which is comprised of 25 full time employees. Of those on the land survey team, we have 5 Professional Licensed Surveyors, 2 Land Surveyors-in-Training and 4 CAD Technicians experienced with MicroStation V8i and GeoPak. Additionally, we have 8 fully equipped field crews that utilize the latest survey technology: Leica Robotic Total Stations, Leica GLONASS GPS units utilizing Reilnet and a Leica Scanner. Mackie Consultants, LLC has a proven track record of delivering topographic surveys, land acquisition and right-of-way documents of the highest quality, on time and within budget.

When you choose Mackie Consultants, LLC for your next project, no matter the size, you can expect customer focus, reliable service, and a complete and accurate design.

About Mackie:

- IDOT prequalified in 12 categories
- Founded in 1975
- 62 employees
- Licensed as Design and Surveying Firm
- Located in Rosemont, IL

Survey Capabilities:

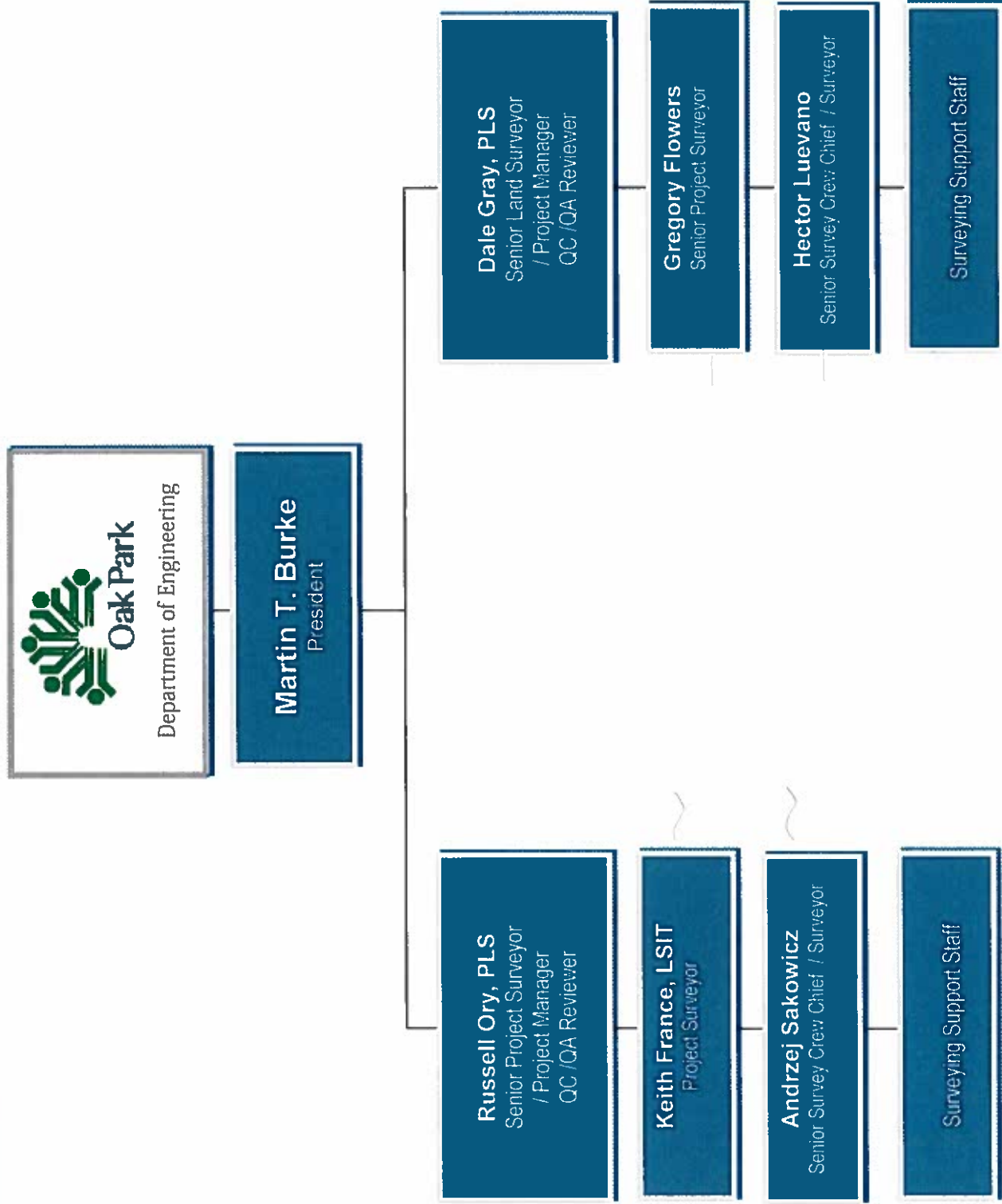
- Topographic Surveys
- ALTA Boundary Surveys
- GPS/GIS Surveys
- Elevation Certificates
- Plats of Subdivision
- Legal Descriptions
- Hydrographic Surveys
- Aerial Mapping
- Title Document Review
- FAA Certification



Section 2.
Organization Chart



ORGANIZATION CHART
Professional Land Surveying Services
Local Streets and Division Street Improvement Projects



Additional support staff available as-needed

Section 3.

Staff Qualifications and Experience



Staff Qualifications and Experience

Staff Qualifications and Experience

The personnel committed to this project will be locally available to start on this project upon the Village's Notice to Proceed (NTP). The team we have assembled for this project has the experience and capacity to successfully complete all required surveying services to support the Village's local street improvement program.

Key staff includes:

NAME	ROLE	YEARS OF EXPERIENCE
Dale Gray, PLS	Senior Land Surveyor	36
Russell Ory, PLS	Senior Project Surveyor	41
Gregory Flowers	Senior Project Surveyor	23
Keith France, S.I.T.	Project Surveyor	5
Hector Luevano	Senior Survey Crew Chief/Surveyor	25
Andrzej Sakowicz	Senior Survey Crew Chief/Surveyor	30

Detailed resumes are included in this Section.





Registration:
Professional Land Surveyor
Illinois # 035-003057

Education:
Associates Degree
Land Surveying
Gateway Technical Institute
Elkhorn, Wisconsin

Computer Program Experience:
Microstation V8i, Geopak

Affiliations:
Illinois Professional Land
Surveyors Association

Northeast Chapter of Illinois
Professional Land Surveyors
Association

PROFILE

Dale Gray has over 35 years of experience in land surveying and construction layout for transportation, municipal, institutional, industrial, residential and commercial projects. Dale has extensive knowledge on the legal requirements for real estate closings and transfers of property and has done the necessary research of public records to verify complex property disputes. He has completed numerous Topographic Surveys and Plats of Highways throughout the Chicagoland area and understands the varying requirements from County to County, including Cook County.

Mr. Gray is the Senior Land Surveyor who oversees the survey group. He has coordinated multiple projects for the Cook County Department of Transportation and Highways, the Illinois Department of Transportation, and many other counties and municipalities.

Dale is experienced in the completion of legal descriptions, title document review, easement documents, elevation certificates, Plats of Subdivision, FAA certifications and various other surveys. He has managed and overseen the completion of complex surveying related documents and construction layout. Dale is instrumental in ensuring the requested services are completed quickly and accurately in order to maintain the project schedules.

RELEVANT PROJECT EXPERIENCE

- Topographic Survey for various locations for the Illinois Department of Transportation, Department of Programming;
- Various Plats and Topography for various projects within Cook County for the Cook County Department of Transportation and Highways;
- Various Plats and Construction Layout for the Village of Lyons Municipal Center, Lyons, Illinois;
- Topographic surveys Plats, Exhibits and Legal Descriptions of various properties for the Village of Bartlett, Illinois;
- Topographic Surveys, establish control network and construction layout for Argonne National Laboratory, Lemont, Illinois;
- Topographic surveys, boundary surveys, utility surveys and easement plats for Swedish Covenant Hospital, located in Chicago, Illinois;
- Various Plats and Surveys for St. Alexius Medical Center in the Village of Hoffman Estates, Illinois;
- Plat of Acquisition for various locations for the Illinois Department of Transportation, Bureau of Land Acquisition;

DETAILED PROJECT INFORMATION:

IDOT - Various Intersection – ADA Ramp Topographic Survey, Chicago North Area, Illinois

This project consisted of the topographic survey of thirty-one intersections in the Chicago North Areas 4-14 in order to construct or upgrade ADA ramps. Each intersection was located in detail and contained vertical data and benchmark information correlated to the Nation Geodetic Survey (NGS) vertical datum in the area. Mr. Gray managed the project from beginning to end, also completing final QC/QA for the project. Mackie Consultants followed and exceeded the IDOT standards and specifications. The project was coordinated to meet on time submittal deadlines and accurate submittal packages. (IDOT Project # R-91-019-12)

IDOT - Burnham Avenue from 155th Place to Schulz Drive Intersection Improvements, Lansing, Illinois

IDOT is upgrading ADA accessibility at 39 intersections along Burnham Avenue from 155th Place to Schulz Road. Mackie Consultants provided field and office support as a sub consultant on a portion of the overall work order for the Illinois Department of Transportation to complete detailed topographic surveys within 100 feet of each of the 39 intersections used to develop design drawings to meet ADA sidewalk compliance.

Cook County Highway Department – Various Projects, Various Communities throughout Cook County, Illinois

For years, Mackie Consultants LLC has assisted the Cook County Highway Department in obtaining accurate, reliable and complete surveying and mapping services. Recent projects include the 0.7-mile roadway reconstruction and realignment of Ela Road between Freeman and Palatine Road, the 2.0-mile roadway widening project for Winnetka Road between Waukegan and Happ Road, and the location of existing improvements at 44 intersection locations along 87th Street between State Street and South Chicago Avenue, used to develop design drawings to meet ADA sidewalk compliance. Services included control, research, topographic and boundary surveying, legal descriptions and other pertinent information used to develop Plat of Topography and Plat of Highway documents.

Municipal Center, Village of Lyons, Illinois

The Village of Lyons faced the problem of an undersized and deteriorating Village Hall and Police Department facility and inadequate funding to construct new facilities. Mackie Consultants provided land planning, civil engineering, agency grant acquisition and professional survey services to the Village in a cooperative development plan involving the Village, local real estate developers and current and prospective Lyons business owners. By doing such, the Village was able to reclaim 12 acres of abandoned industrial land, construct a completely new Village Hall and Police Department, replace inadequate park facilities and add productive retail and commercial parcels to the Village tax base. The project involved significant engineering and surveying challenges including site access, earthwork, drainage, phasing, environmental site remediation, subdivisions, easements, parcel legal descriptions and TIF mapping issues.

Public Works Facility, Village of Bartlett, Illinois

The Village of Bartlett engaged Mackie Consultants, LLC to prepare a legal description and a Plat of Topography at the Bartlett Public Works Facility at 1150 Bittersweet Drive in Bartlett, Illinois. Fuel storage tanks were removed at the Bartlett Public Works Facility and the village was required to supply a legal description with the application to the IEPA for the mitigation limits. Mackie's field crew established the north boundary limits of the property and located the mitigation area and the office staff computed the boundary and limits to prepare the legal description of the IEPA mitigation limits. Mackie's field crew and office staff also located topography between two existing buildings on the site and prepared a Plat of Topography to be used for a proposed building addition.

Hawk Hollow Forest Preserve, Village of Bartlett, Illinois

The Village of Bartlett engaged Mackie Consultants, LLC to determine the south Right of Way of Stearns Road adjoining Hawk Hollow Forest Preserve for the proposed extension of the sidewalk. Mackie's field crew located and analyzed property corner monuments, computed and staked the south Right of Way line of Stearns Road to assist the Village of Bartlett meeting with the Forest Preserve to determine the amount of the property required for the sidewalk extension along the south side of Stearns Road. After the proposed sidewalk extension location was approved an Easement Exhibit and legal description was prepared for the Sidewalk Easement.

IDOT- Route 132 (Grand Avenue) from Lindenhurst Drive to Deerpath Drive, Lindenhurst, Illinois

Illinois Route 132 is being widened to accommodate increasing traffic volumes in Lindenhurst by the Illinois Department of Transportation. Dale was the Senior Land Surveyor overseeing the extensive property research, total holding boundary determination, legal descriptions, and final QA/QC completed for the preparation of the Plats of Highway for the acquisition of the 54 right-of-way parcels, permanent and temporary easements necessary for the project.

IDOT - Route 94 at Russell Road and Route 176 Interchange Improvements, Wadsworth, Illinois

Illinois Route 94 at Russell Road and Illinois Route 176 interchange roadway improvements are being upgraded by the Illinois Department of Transportation. Dale was the Senior Land Surveyor overseeing the property research, total holding boundary determination, legal descriptions and final QA/QC completed for the preparation of the Plats of Highway for the acquisition of 13 parcels and temporary easements necessary for the project.



Registration:

Professional Land Surveyor
 Illinois # 035-002753
 Professional Land Surveyor
 Wisconsin

Education:

North Central College
 Naperville, Illinois
 Bachelor of Science
 Environmental Science

Computer Program Experience:

Microstation V8i, Geopak,
 AutoCAD, Autodesk Land
 Development Desktop, Civil 3D,
 Trimble Geomatics Office,
 Trimble, Leica and Topcon
 products, including GPS Units,
 Controllers and Total Stations,
 Adobe Acrobat, Microsoft Office

PROFILE

Russell has 40 years experience in the land surveying field which includes Topographic, Route, Railroad, Alta, Boundary, Condominium, Hydrological, Bathymetric, Sectional, Tree, As-Built, Mining, Farm Tile and Accident surveys, including construction layout and project management. Russell has worked with multiple developers in the creation of Subdivision Plats. In addition, he prepared several Plats of Highways, Annexations, Easement and Vacations. Russell has overseen projects for the DuPage County Division of Transportation, and many other counties and municipalities.

Russell's experience began as an Instrument Person. He became a Crew Chief and Survey Technician prior to obtaining his Professional Land Surveyor licenses in Illinois and Wisconsin. He started his own Land Surveying business in 1988 and later merged with Donahue and Thornhill, Incorporated of Geneva, Illinois in 1990, where he was a partner and eventually Vice-President. He then went on to start and manage the survey division at Western Surveying and Engineering in Geneva, Illinois. His diversified survey experience includes former involvement with the Illinois Professional Land Surveyors Association where he held officers' positions twice. He was the chairperson for Education and Training, and Legislation for many years while also serving as a Delegate for the Northeast Chapter of this Association, bearing witness of his commitment to his profession. Russell is able to draw from multiple years of experience to perform high quality QC/QA on his surveys to make sure exceptional products are completed for all clients.

RELEVANT PROJECT EXPERIENCE

- Topographic Surveys for various locations for the DuPage County Division of Transportation;
- Plat of Highways for Jericho Road, Sugar Grove Township, Illinois;
- Plat of Highways for Illinois Route 6, New Lenox, Illinois;
- Land Surveyor responsible for the Section line/ Deed line retracement for the easterly and southerly sides of Mooseheart located in Batavia Township, Kane County, Illinois;
- ALTA Survey, Topographic Survey, Subdivision, Construction coordination, calculation and layout for Kennedy Homes development located in Waterman, Illinois;
- Plat of Highways and Parcel Legal Descriptions for the acquisition of land along Indian Trail for the Illinois Department of Transportation, Bureau of Land Acquisition located in Aurora, Illinois;
- Boundary and Topographic field survey of the proposed Star Wars Museum south of Soldiers Field located in Chicago, Illinois;
- Boundary and Topographic Survey for Blue Island Train Station, located in Blue Island, Illinois;
- Boundary reconstruction of dual survey control for Sugar Grove, Illinois;
- Mining Survey for the subsurface connection of a subsurface corridor approximately 500 feet below ground crossing beneath Interstate 88 located in North Aurora, Illinois.

DETAILED PROJECT INFORMATION

Naperville Boulevard and 75th Street, Naperville, DuPage County, Illinois

Senior Project Surveyor responsible for the Naperville Boulevard and 75th Street project. The intersection located was an overall 2300 linear feet of roadway for a 200' wide right-of-way and a 100' wide right-of-way. The DuPage County Division of Transportation is planning roadway improvements of additional turn lanes and needed the survey for design. Mr. Ory coordinated with the field crew and office staff to make sure all the proper information was gathered and drafted appropriately. Russ worked with the survey technicians in order to establish the right-of-way and topographic features on the survey. Final QC/QA was performed by Russell on this project.

Plat of Highways for Jericho Road, Sugar Grove Township, Illinois

Supervised field and office for Jericho Road right of way acquisition necessary to accommodate a new bridge structure over Blackberry Creek and its side slopes. Road centerlines, existing sidelines, property lines for tracts and subdivisions were analyzed and monumented for the expanded right of way along with creating permanent and temporary easements. Plat was prepared and minimal review comments were received completing the project in an expeditious manner as it had become time sensitive.

Plat of Highways for Illinois Route 6, New Lenox, Illinois

Retracement and reconstructed road centerline and exiting right of way extents for approximately 6400 feet comprised of approximately 40 parcels along Illinois Route 6 easterly of Haas Road. Section lines/corners were recovered or reconstructed, monumented and plated for proper roadway acquisition. There were some existing subdivisions along with metes and bounds parcels on this project.

Mooseheart, Illinois

Mooseheart, Illinois known as the Child City has a rich history dating back to its origins circa 1913 when tracts of land were acquired totaling 1,023 acres. They needed to erect a fence along certain boundary lines and figure out where many of their other property lines were located. The survey uncovered a monumental stone at the accepted center of section that became pivotal for the erection of the fence line in addition to reconstructing and monumenting five other section corners that controlled the positioning of several of their deed lines. One section corner position was located on an island in the Fox River with no visible evidence of its location. Fortunately, the limestone bluffs and general shape of the island allowed for the corner position to be reconstructed from topographic ties taken by the original government surveys recorded in their field notes from 1842. This position was then tested to a few scarce subsequent lines and corners that allowed for verification of its position, monumented and entered into the monument records for Kane County.

Plat of Highways for Indian Trail in Aurora, Illinois

This project continued to expand in the number of parcels affected by right of way acquisition and survey complexity. There were several subdivisions and multiple tracts described by metes and bounds from section corners, lines and qualifiers that did not geometrically match. Through diligent examination and contacting former practitioners in this area, it was determined that in the late 1960's, an erroneous position was reconstructed by a land surveying firm approximately ten feet southerly of a corner position formerly used for other surveys. This was noticed by Chicago Title Insurance Company and a meeting was held between all interested parties concerned. The result was that the position developed perpetuated their location of a monumental stone that was located very early in the surveyor's career. It was agreed that this was the better position. Therefore, our survey showed the facts and identified the prior problems in this area which enabled the land acquisition to progress.

Blue Island Train Station, Blue Island, Illinois

This project involved the preparation of a Topographical Survey reflecting underground utility routings, a five foot grid for spot elevations, location of all visible above-ground improvements and establishing horizontal and vertical control for future use. We had to coordinate with the railroad and utility companies to comply with safety standards and depict routings. One of the purposes of this survey was to provide our Engineering Department with sufficient data to identify and analyze pedestrian routing with safe access to this historical train station with compliance to current ADA requirements. There was a Boundary component to this project to identify certain property lines within the area of study. We reconstructed these boundaries after extensive expanded searches for any remaining boundary corners, offsets and improvements that might bear witness to the placement of these property lines. Our deed research paid dividends as we were able to reconstruct the property extents to coincide with older lines of occupation.



GREGORY K. FLOWERS, CST II

SENIOR PROJECT SURVEYOR

gflowers@mackieconsult.com



Certifications:

NSPS Certified Survey
Technician – Level II Computer
Operator
#1100-1280

Trimble Certified Technician

Computer Program Experience:

Microstation V8i, Geopak,
ArcGIS, AutoCAD, Autodesk
Land Development Desktop,
Civil 3D, Trimble Geomatics
Office, Trimble and Leica
products (GPS, Total Stations,
Scanner and Controllers),
Cyclone software, Adobe
Acrobat, Microsoft Office 365
ProPlus, Windows operating
system through Windows 10

Affiliations:

Toastmasters

PROFILE

Greg Flowers has more than 22 years experience in the land surveying field which includes CAD drafting, project management and construction layout. Greg has project managed over 35 Illinois Department of Transportation land acquisition projects as Plats and Legals Project Manager for the Illinois Department of Transportation, Bureau of Land Acquisition. Transportation, municipal, commercial, residential and institutional projects are some of the project types in Greg's experience. Greg has worked with multiple municipalities and reviewed their ordinances to complete many Plat of Dedications, Subdivision Plats, and Plats of Easement.

Greg has held positions as Instrument Person, Crew Chief, CAD Specialist, Survey Technician, Survey Project Manager, Plats and Legals Project Manager and Senior Project Surveyor throughout his career. These varying positions have provided him with the unique insight and understanding of scopes, budgets, schedules, client and consultant correspondence, topographic surveying, legal descriptions and title document review. Greg's responsibilities have also changed and are flexible depending on specific projects and client needs.

Greg has not only managed multiple projects, but he also has extensive knowledge in the preparation and drafting of surveys, and considerable experience in the processing of field data for completion of complex Topographic Surveys and Plats of Highway.

RELEVANT PROJECT EXPERIENCE

- Topography Survey for Fillmore Street, located in Oak Park, Illinois;
- Topographic Surveys for various locations for the DuPage County Division of Transportation;
- Topographic Surveys for various locations for the Illinois Department of Transportation, Department of Programming;
- Project manager responsible for QA/QC of over a 7-mile section of the Illiana Expressway Corridor Project, Will County, Illinois;
- Plats of Highways and Parcel Legal Descriptions for the acquisition of land, various locations for the Illinois Department of Transportation, Bureau of Land Acquisition;
- ALTA Land Title Survey and Topographic Survey for multiple Chicago Public Schools, located in Chicago, Illinois;
- ALTA/ACSM Land Title Survey and Topographic Survey for Rockford Multimodal Train Station, Rockford, Illinois;
- ALTA Survey, Topographic Survey, Construction coordination, calculation and layout for Three Oaks Recreation Area, Crystal Lake, Illinois;

DETAILED PROJECT INFORMATION

Fillmore Street, Oak Park, Illinois

Mackie Consultants, LLC was hired to prepare a Plat of Topography for 2 miles of Fillmore Street in Oak Park, Illinois. The topography will be utilized for the design and installation of a 36-inch potable water transmission main from the City of Chicago to the Village of Forest Park. The project required coordination with the client, three municipalities and two utility marking companies. Mackie utilized the City of Chicago Vertical Datum while also checking existing features of two adjacent topographies supplied making sure all information works together for design. All existing features were located within the Fillmore Street right-of-way along utility markings that were previously coordinated. Monumentation was found and analyzed along with document research and review in order to establish right-of-way lines for Fillmore Street. Over one hundred single family residences were located to assist in analyzing the boundary and establishing limits of design. Stationing on the center line was also established and marked for the existing 11,000 linear feet of Fillmore Street roadway while performing the Topography. Thirty two vertical benchmarks were set by performing a four mile level loop by our field crew for present use and future use during the construction phase. Project Surveyors researched and reviewed multiple existing utility maps from the three municipalities and the information gathered from the field crew in order to show the extensive underground utility systems running throughout the right-of-way. A twenty sheet Plat of Topography was created satisfying all the requirements of the client including the strict labeling and CAD guidelines needed. With the knowledge and experience of Mackie Consultants field crews, survey technicians and supervision of our Illinois Professional Land Surveyors, the project was completed a week before the required completion date which included a thorough QC/QA process.

DuPage County Division of Transportation – Various Locations

Gregory was the Senior Project Surveyor responsible various topographic projects for the DuPage County Division of Transportation. Greg coordinated with the DuPage County Division of Transportation Chief Highway Engineer, field crews and office staff to ensure information was gathered and drafted appropriately. The County needed plats that included topographic information and location of the rights-of-ways for their 2017 sidewalk improvement project. The four locations surveyed totaled approximately 5,100 linear feet of roadway.

Pump Station 27 Outlet Doty / Frontage Rd (East side of I-94), Chicago, Cook County, Illinois

Gregory was the Senior Project Surveyor whom worked with the Mackie engineering department on the Pump Station 27 Project. The project consisted of preparing a topographic survey which included establishing the right-of-way for I -94, locating improvements for Doty / Frontage Road, locating the pump station and channel for the pump station. The overall length of the project was 5,400 linear feet and went from the pump station to the mouth of Lake Calumet. Greg coordinated with IDOT, Cook County Department of Transportation, Illinois Port Authority, Illinois State Toll Highway Authority, the private adjacent land owner Harborside International Golf Center and the engineers to make sure documents were obtained, all needed information was located and access onto the private property was allowed. Mr. Flowers also did all final QC/QA under the direction of the assigned licensed surveyor.

Illiana Expressway Corridor Project, Will County, Illinois

The Illinois Department of Transportation in conjunction with the Indiana Department of Transportation are looking to create the Illiana Expressway Corridor Project which is an expressway that is proposed to connect I-55 in Illinois to I-65 in Indiana. Mr. Flowers was working as one of the Project Managers at the Illinois Department of Transportation, Bureau of Land Acquisition responsible for an approximate seven mile corridor from Illinois Route 50 (Governors Highway) to the State of Illinois border. Greg Coordinated with multiple agencies, survey consultants, engineering consultants and Illinois Department of Transportation Bureau's to have the plat of highway and legal descriptions created for over 80 parcels. Greg performed the necessary calculations and QA/QC of the plat of highways and legal descriptions to make sure they were acceptable to the standards of the Illinois Department of Transportation and able to be used in the following steps of appraisal and negotiations.

US Route 20 at Harmony Road, McHenry County, Illinois

Greg Flowers was the Senior Project Surveyor at Mackie Consultants when IDOT requested Mackie to prepare a Plat of Highway for the proposed turnout. The turnout is to be constructed at the intersection of US Route 20 and Harmony Road. Greg coordinated with the IDOT Bureau of Land Acquisition, the field crew for monumentation and feature location and the office staff for drafting the plat of highways. Greg research and reviewed existing plats and records, established the 15 existing total holdings parcels and existing right-of-way, and calculated the proposed parcels based on the existing right-of-way established. The plat and legal descriptions created by Greg was a combination of parcel takes, permanent easements and temporary easement for the proposed turnout.

Frank W. Gunsaulus Elementary School, Chicago, Illinois

This project involved the preparation of an ALTA/ACSM Land Title Survey and a Topographic Survey which needed to meet the Chicago Public School survey standards for Gunsaulus Elementary School. Greg performed the original research needed for the ALTA Survey including parcel deeds and title information. Additional research was needed for the Topographic Survey which involved obtaining the vertical datum and utility atlases for the City of Chicago. Greg was the manager responsible for creating the required surveys within the allotted time constraints, performing the calculations, writing the legal descriptions, and performing the final checks of all of the plats.

Rockford Multimodal Train Station, Rockford, Illinois

The Rockford Multimodal Train Station is the City of Rockford's plan to bring commuter trains through the heart of Rockford, Illinois tying public commuters to its growing downtown. Greg Flowers was the Senior Project Surveyor who coordinated with the City of Rockford, architects and engineers making sure all requested features were included in the topographic survey. The subject property was more than two city blocks and included the location of the railroad tracks, bridge, abutment and adjacent facilities for future tie in to the tracks. Coordination with the railroad company making sure all permits and flaggers were in place before any work within the railroad right-of-way was mandatory. The ALTA survey was prepared simultaneously and coordination with the recorder's office, the City and The Illinois Department of Transportation was a success as we were able to review all existing information to help determine what parcels are owned by the city and which are owned by private entities without having title commitments for all the parcels in question.



KEITH M. FRANCE, LSIT
LAND SURVEYOR
kfrance@mackieconsult.com



PROFILE

Keith France joined Mackie in 2015. His survey experience includes the completion of Plats of Topography, ALTA Surveys, Boundary Surveys, Plats of Subdivision, and Plats of Survey. He has worked on Illinois Department of Transportation land acquisition and topographic surveys, DuPage County Division of Transportation topographic surveys, and various ALTA surveys.

In addition to various plats and surveys, Keith has provided field crews with the necessary information to layout construction projects. These projects range from roadway and airport improvements, vertical structures, control networks and land development projects. Keith has also worked in the field with many crew chiefs and independently as needed throughout his time at Mackie.

Certifications:

Geographic Information System (GIS) from Northern Illinois University

Education:

Northern Illinois University
DeKalb, Illinois
Bachelor of Science
Geography,
emphasis in Geomatics

Western Illinois University
Macomb, Illinois
Bachelor of Art
Philosophy, minor in
Math and Physics

Computer Program Experience:

Microstation, Geopak

RELEVANT PROJECT EXPERIENCE

- Topographic Surveys for various locations for the DuPage County Division of Transportation;
- Various ADA Ramp Topographic Surveys for Illinois Department of Transportation, located in Evanston and New Trier Townships, Illinois;
- Topographic Surveys, establish control network and construction layout for Argonne National Laboratory, Lemont, Illinois;
- BNSF Railroad, located in Elwood, Illinois;
- Salt Creek Medical Campus, located in Hinsdale, Illinois;
- Jane Addams Memorial Tollway Expansion (I-90)

DETAILED PROJECT INFORMATION:

DuPage County Division of Transportation - Various Locations

Keith was the Land Survey Technician on various topographic projects for the DuPage County Division of Transportation. The four locations surveyed totaled approximately 5,100 linear feet of roadway for the County's 2017 sidewalk improvement project. The locations included Army Trail Road, Eola Road, Glen Ellyn Road (Main Street), and Maple Avenue. Keith processed the field data to prepare the topographic surveys and worked with the Professional Land Surveyors to establish the right-of-way. Additionally, Keith also worked on Naper Boulevard and 75th Street for the DuPage County Division of Transportation. The intersection located was an overall 2300 linear feet of roadway for a 200' wide right-of-way and a 100' wide right-of-way. The DuPage County Division of Transportation was planning roadway improvements including additional turn lanes and needed the survey for design.

Various Intersection - ADA Ramp Topographic Survey, Evanston and New Trier Townships, Illinois

This project consisted of the topographic survey of one hundred and thirteen intersections in the New Trier and Evanston Townships in order to construct or upgrade ADA ramps. Each intersection was located in detail and contained vertical data and benchmark information correlated to the Nation Geodetic Survey (NGS) vertical datum in the area. Keith performed the reduction of field data into electronic topographic exhibits for submittal. Mackie Consultants followed and exceeded the standards and specifications of the Illinois Department of Transportation (IDOT). He verified that each day of fieldwork was correctly correlated to the NGS monuments and that the coverage of the intersection was within IDOT requirements for density. Keith performed a first quality check of the fieldwork making sure no utilities or features were missed when surveying the intersection. He coordinated with the Professional Land Surveyors to meet on time submittal deadlines and accurate submittal packages.

Argonne National Laboratory, Lemont, Illinois

Argonne occupies 1,500 wooded acres in Lemont, Illinois. An overall control network was established based on verifying control by others and setting new control stations with horizontal location and vertical elevation values to be used by all trades on-site and also for future site projects. Keith performed interior topographic survey of administrative building for future renovations which included transferring control network from outside and up onto second and third floors.

BNSF Railroad, Elwood Illinois

BNSF rail yard in Elwood, Illinois is a major hub of rail shipping in the Midwestern United states. A high accuracy control network was set throughout the site for use by all trades on-site and future site projects. Calculations for layout of new rail lines and many other construction layout needs for the railroad expansion have been performed by Mackie Consultants. Keith aided in setting low tolerance control network throughout railroad yard for high accuracy rail layout. Performed topographic survey of mile long drainage ditch. Aided in various construction layout tasks.

Salt Creek Medical Campus, Hinsdale Illinois

Salt Creek Medical Campus is a large medical facility in Hinsdale, Illinois that is expanding its services with the addition of several new facilities. Mackie has done the calculations and layout for these medical facilities. Keith established vertical control for upper stories of medical building at 8 Salt Creek Lane for use in interior construction layout.

Jane Adams Memorial Tollway Expansion

I-90 is a major interstate running east/west through Northern Illinois. Mackie provided contractors with calculations and layout for the interstate and related utilities in the area near Rockford. Keith aided in field layout for miles of I-90 expansion and resurfacing. Tasks included edge of pavement location and grading, expanded of control network, and utility staking.



HECTOR LUEVANO

SENIOR SURVEY CREW CHIEF

PROFILE

Hector Luevano has over 25 years of land surveying experience for various transportation, residential, commercial and industrial projects. 14 years of Hector's experience has been working at Mackie Consultants, LLC and he has become an asset as a mentor for younger crew members as his knowledge is shared with his peers in field and office. Hector has the ability to perform all necessary field operations while keeping an open line of communication with the office personnel. Mr. Luevano communicates with property owners when needed to avoid potential conflicts. Hector has vast experience in boundary and right-of-way retracement in both urban and rural areas including sectional breakdowns, field note preparation, and data collection.

Hector was either the Senior Survey Crew Chief or Head Crew Chief as additional field crews were needed and has been actively involved in the below listed projects which are also summarized in previous resumes or project experiences:

- Fillmore Street Supply Main Improvements, Oak Park, Illinois
- Pump Station 27 Outlet Doty / Frontage Rd (East side of I-94), Chicago, Cook County, Illinois
- Naper Boulevard & 75th Street, Naperville, Illinois
- IL 83 & IL 137 at Atkinson Road, Grayslake, Illinois
- Hawk Hollow Forest Preserve, Bartlett, Illinois
- US Route 20 at Harmony Road, McHenry County, Illinois
- Burnham Avenue from 155th Place to Schulz Drive Intersection Improvements, Lansing, Illinois
- Illinois Route 132 (Grand Avenue) at Lindenhurst Drive, Lindenhurst, Lake County, Illinois
- Frank W. Gunsaulus Elementary School, Chicago, Illinois
- Rockford Multimodal Train Station, Rockford, Illinois



ANDRZEJ SAKOWICZ

SENIOR SURVEY CREW CHIEF

PROFILE

Andrzej Sakowicz has been employed by Mackie Consultants, LLC for 8 years, 17 years with the Burke Group and has over 30 years of land surveying experience. Mr. Sakowicz has been a key component to the surveying department with his knowledge and experience in the preparation of field notes, data collection, locating existing features, boundaries, route surveys and monument recovery or re-establishment. Andrzej is an expert in using Leica GPS, Total Stations and Controllers. Andrzej Sakowicz received a Land Surveyor Diploma from Zespol Szkol Budowlano – Geodezyjnych in Bialystok, Poland.

Andrzej was utilized as a Senior Survey Crew Chief or Head Crew Chief when additional field crews were needed and has been actively involved in the below listed projects which are also summarized in previous resumes or project experiences:

- Various Intersection – ADA Ramp Topographic Survey, New Trier and Evanston Townships, Illinois
- 2017 Sidewalk Improvements, Multiple Municipalities in DuPage County, Illinois
- IL 83 & IL 137 at Atkinson Road, Grayslake, Illinois
- Illinois Route 47 over Virgil Ditch #2 at Silver Glen Road, Kane County, Illinois
- I-90 Jane Addams Tollway, in Boone, McHenry & Kane Counties, Illinois
- Illinois Route 132 (Grand Avenue) at Lindenhurst Drive, Lindenhurst, Lake County, Illinois
- Village of Lyons Municipal Center, Lyons, Illinois
- Bartlett Public Works Facility, Bartlett, Illinois
- BNSF Railroad, Elwood Illinois

Section 4.

Firm Qualifications and Experience

2017 SIDEWALK IMPROVEMENTS TOPOGRAPHIC SURVEY

DuPAGE COUNTY, ILLINOIS

The DuPage County Division of Transportation (DuDOT) tasked Mackie Consultants, LLC with preparing four Topographic Surveys for their 2017 Sidewalk Improvements Project. The project included Army Trail Road, Main Street, Eola Road and Maple Avenue.

The overall project was for approximately 5200 linear feet of roadway. DuDOT planned on installing sidewalks within the right-of-way and needed detailed topography along with the location of the right-of-way.

Research was performed at the DuPage County Recorder's Office website for plats and documents. Existing right-of-way plats and additional documents were obtained by coordinating with the DuDOT. Field reconnaissance of property and sectional monumentation, location of above ground topographic features and establishing a control system for current and future use was performed by Mackie's experienced field crews.

Office staff compiled field data and recorded documentation to create the four Topographic Surveys showing existing features and rights-of-way. IDOT standards were followed throughout the project. After review was completed of the surveys by the DuDOT, it was determined that additional right-of-way was needed for some of the parcels surveyed. Mackie Consultants, LLC was tasked with additional services of preparing legal descriptions and exhibits of proposed right-of-way parcels.

Client:

DuPage County Division of Transportation
Mr. Paul Krueger, P.E.
Chief Highway Engineer
421 N. County Farm Road
Wheaton, IL 60187
Office: (630)407-6900
Fax: (630)407-6901
E-mail: paul.krueger@dupageco.org

Approximate Cost:
\$ 34,800



Mackie Consultants, LLC

9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847) 696.1400

140 S. Dearborn, Suite 1520
Chicago, IL 60603

Visit us at
www.mackieconsult.com



NAPER BOULEVARD & 75TH STREET TOPOGRAPHIC SURVEY

NAPERVILLE, ILLINOIS

The DuPage County Division of Transportation (DuDOT) tasked Mackie Consultants, LLC with multiple projects, including a full intersection topographic survey of Naperville Boulevard and 75th Street in Naperville, DuPage County, Illinois.

The intersection located was an overall 2300 linear feet of roadway for a 200' wide right-of-way and a 100' wide right-of-way. The DuPage County Division of Transportation is planning roadway improvements of additional turn lanes and needed the survey for design. Control points were established for existing and future use utilizing NAD 83 Illinois State Plane East coordinate system and NAVD88 vertical datum.

Client:

DuPage County Division of Transportation

Mr. Paul Krueger, P.E.

Chief Highway Engineer

421 N. County Farm Road

Wheaton, IL 60187

Office: (630)407-6900

Fax: (630)407-6901

E-mail: paul.krueger@dupageco.org

Approximate Cost:

\$ 25,300



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IDOT EVANSTON AND NEW TRIER TOWNSHIP ADA TOPOGRAPHIC SURVEY

COOK COUNTY, ILLINOIS

Mackie Consultants, LLC provided a wide range of services to the Illinois Department of Transportation (IDOT) under several Various/Various Surveying Contracts. Assignments included:

ADA Ramp Topographic Survey - Evanston and New Trier Townships

Mackie Consultants, LLC provided the topographic survey of one hundred and thirteen intersections in the Evanston and New Trier Townships in order to construct or upgrade ADA ramps.

Each intersection was located in detail and contained vertical data and benchmark information correlated to the Nation Geodetic Survey (NGS) vertical datum in the area. Mackie staff performed the reduction of field data into electronic topographic exhibits for submittal. Mackie Consultants followed and exceeded the IDOT standards and specifications.

The fieldwork was verified each day to ensure that it correctly correlated to the NGS monuments and that the coverage of the intersection was within IDOT requirements for density. A first quality check of the fieldwork was performed to ensure no utilities or features were missed when surveying the intersection. All work was coordinated with the Professional Land Surveyors to meet submittal deadlines and ensure accurate submittal packages.

Client:
Illinois Department of Transportation
Mr. Richard Kanthaphixay ✓
Bureau of Land Acquisition
201 West Center Court
Schaumburg, IL 60196-1096
(847) 705-4340

Approximate Cost:
\$50,000



Mackie Consultants, LLC

9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847) 696.1400

140 S. Dearborn, Suite 1520
Chicago, IL 60603

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ILLINOIS DEPARTMENT OF TRANSPORTATION BURNHAM ADA SURVEY

LANSING, ILLINOIS

Mackie Consultants, LLC provided a wide range of services to the Illinois Department of Transportation (IDOT) under several Various/Various Surveying Contracts. Assignments included:

Burnham Avenue, Lansing, Illinois

IDOT upgraded ADA accessibility at 39 intersections along Burnham Avenue from 155th Place to Schultz Road. Mackie provided field and office support to complete detailed topographic surveys within 100 feet of each of the intersections. The topographic surveys were utilized to develop design drawings for Pedestrian Access Routes (P.A.R) that were to be upgraded to meet ADA sidewalk compliance.

Mackie field crews performed the field reconnaissance and established the GPS and elevation control at each of the intersections, then located and identified the details of the features necessary for the intersection designs. At least one benchmark and control point was set at each intersection. The intersections were surveyed on a 5-foot by 5-foot grid at the sidewalk ramp locations. Traffic signals and control boxes were located and identified along with drainage structures.

Utilizing geodetic control, Mackie staff established horizontal control points and vertical control benchmarks for each intersection. The resulting data was analyzed by Mackie's office staff to depict the horizontal and vertical control within the CADD drawings for future use at the intersections. The topographic study measured pavement, curb, sidewalk, improvements and utility elevation data. Photographs were taken of the topographic survey area for each intersection.

Owner:
Illinois Department of Transportation
Mr. Richard Kanthaphixay
Bureau of Land Acquisition
201 West Center Court
Schaumburg, IL 60196-1096
(847) 705-4340

Client:
Sanchez & Associates
Mr. Gerardo P. Sanchez, PLS
8604 W. Catalpa Avenue
Suite 912
Chicago, IL 60656
(773) 444-0144

Approximate Cost:
\$38,600



Mackie Consultants, LLC

9575 W. Higgins Road, Suite 500
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(847) 696.1400

140 S. Dearborn, Suite 1520
Chicago, IL 60603

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IDOT INTERSTATE 57 & SAUK TRAIL SURVEY COOK COUNTY, ILLINOIS

Mackie Consultants, LLC provided a wide range of services to the Illinois Department of Transportation (IDOT) under several Various/Various Surveying Contracts.

Assignments included:

Interstate 57 at Sauk Trail, Richton Park, Illinois

The intersection of Interstate 57 and Sauk Trail is heavily traveled and the Sauk Trail overpass is badly worn. IDOT needed to obtain a detailed topographic survey of the existing roadway and overpass to design a new bridge deck. Mackie was tasked with performing topographic surveys to determine the positions and elevations of the existing roadway, overpass structures, utilities, and private improvements along the right of way.

The study area included the full right of way width of Sauk Trail from 500 feet west of the intersection to 500 feet east of the intersection. The study also included the right of way of Interstate 57 from 800 feet south of the intersection to 800 feet north of the intersection. Mackie obtained the official records of the surrounding properties from the county recorder's office to determine the position of the existing right of way lines for Interstate 57 and for Sauk Trail.

Utilizing geodetic control, Mackie established horizontal control points within the project limits and established vertical control benchmarks. Section corner monuments and right of way corners were located in relation to the project control. The resulting data was analyzed by Mackie's office staff to determine the position of the existing right of way lines. The roadway cross-sections were established on 100-foot stations for Interstate 57 and Sauk Trail, with additional cross-sections on 25-foot stations for the bridge and approaches of Sauk Trail over Interstate 57. The topographic study measured pavement elevations for the full roadway cross-sections and included utility elevation data. Photographs were taken of the topographic survey area on the project stations. The centerline alignment for both roadways was monumented for future use.



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Chicago, IL 60603

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Section 5.

Project Understanding / Survey Flow Chart



Project Understanding

Project Understanding

Mackie Consultants, LLC recognizes the importance of this project as it relates to the Village of Oak Park's core values of fiscal responsibility, transparency and accountability, communications and collaboration, and trust building. Mackie Consultants, LLC is prepared to support the Village of Oak Park by providing professional land surveying services as required for local street improvement projects.

Mackie Consultants, LLC has a legacy of providing exemplary performance for governmental clients. We are a multi-disciplinary consulting firm where our surveyors are qualified in: Topographic surveys, Land Acquisition, Boundary and Retracement surveys, topographic surveys, Highway Right-of-Way mapping, parcel surveys, A.L.T.A. / N.S.P.S. Land Title Surveys, legal descriptions, preliminary and final plat document preparation, and property corner staking. Our survey experience extends from IDOT Bureau of Land Acquisition and Bureau of Programming, DuPage County, Cook County, City of Chicago, Illinois State Toll Highway Authority and many other municipal agencies throughout the State of Illinois. Mackie Consultants, LLC is fully compliant with governmental regulations and is an Equal Opportunity Employer.

Our understanding of the project and scope of services is as follows:

Our internal process for preparing government survey work has a proven QC/QA Program that involves the client's reviews and progress prints. We have completed and recorded numerous surveys within varying counties GIS websites where we obtain PIN's, legal descriptions, Benchmark system and Control Monumentation. As mentioned earlier, we pride ourselves in following the budgetary needs of our clients, which includes meeting the budget of a project.

Upon approval, Mackie Consultants, LLC will begin by downloading NGS monument data sheets to verify horizontal control using Reilnet GPS (Illinois East State Plane Coordinate System). Chicago City Datum monument data sheets will be supplied by the Village of Oak Park to verify vertical control and will also be downloaded if necessary. Tax maps will be obtained for use in locating right-of-way corners, as needed. Request for current utility atlases through J.U.L.I.E., the Village of Oak Park, and other entities as needed will take place at this time.

A field package will be compiled to include map of limits, scope of services, field instructions, utility atlases, NGS monument data sheets, and Chicago City Datum monument data sheets. The compiled information and instructions will be reviewed with the field crews by a Professional Land Surveyor before field work begins to clarify any questions or comments.

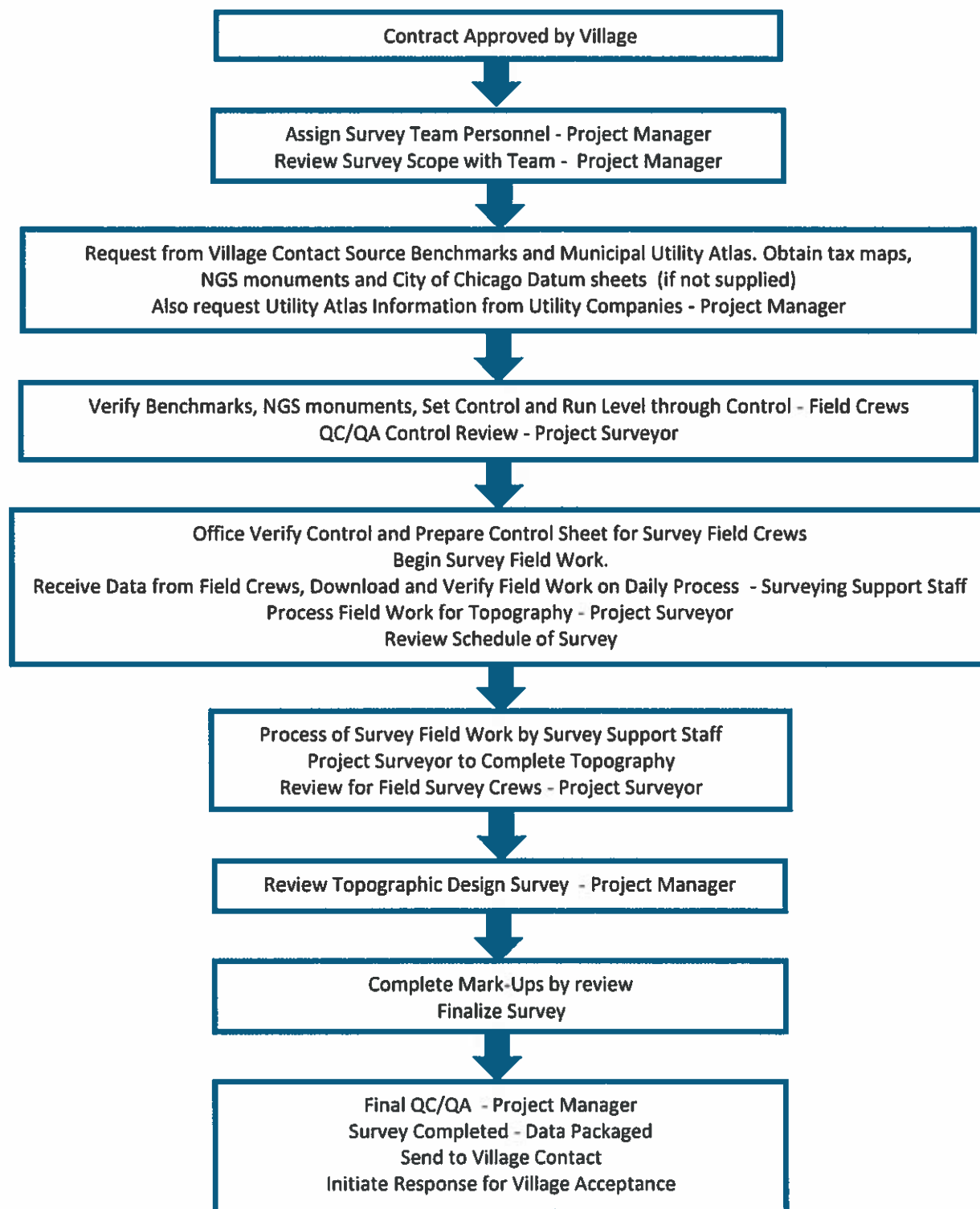
The field crews will begin searching and checking for NGS monuments, at least two, to verify the Reilnet GPS is within acceptable accuracy standards. After checks are completed and accuracy issues, if any, are resolved, control points will be set through the project limits and tie sketches for each control point will be prepared. The Chicago City Datum benchmarks will be checked and a level circuit will be run and closed through the control points and at least two benchmarks (on hydrants) will be set per block. Right-of-way/property corner cross reconnaissance and location will begin by field crews and continue through the project limits. The field crews will locate existing improvements and take photos for the Local Street Improvement Projects, meeting the requirements listed in the scope of services. A daily discussion between field crews and project manager will be completed to review questions and project status until the project is completed. QC/QA shall be completed on level circuit, field work and notes, control and found monumentation on a daily basis by the project surveyor. Any questions or verifications can be completed the following day as needed.

The office staff will process points for each field crew download and draw improvements based on field located points, field notes and current atlases. The Topographic Design Survey will be drafted and all the sheets will be setup. Once the Topographic Design Surveys are completed, extensive final QC/QA shall be done by a Professional Land Surveyor. After final checks and markup revisions are complete .pdf files will be submitted to the Village of Oak Park for review. Upon approval of the Topographic Design Survey by the Village of Oak Park, the final submittal package as outlined in the scope of services will be prepared and sent for project completion meeting the requested schedule established by the Village of Oak Park.



Survey Project Flow Chart

The following chart illustrates how Mackie Consultants, LLC manages a project:



Section 6.
QC / QA Program

QC/QA Program

Project Team Approach

The team is comprised of the Project Manager (Licensed Professional Surveyor), Project Surveyor, Party Chief, CAD Technician and additional Surveying Support Staff. The Project Manager has the overall responsibility to the Village of Oak Park and also serves as the Final QC/QA Reviewer. The Project Manager will assure that the work is done within the constraints of each work order schedule and budget. He will ensure that communication with the Village of Oak Park Project Manager and project team is optimized. The Project Surveyor will perform the QC/QA reviews at each milestone. The Project Manager will perform QC/QA for final submittals for the services identified in the scope of work. Village of Oak Park would be considered a key team member. The Village of Oak Park Project Manager would be invited, if so desired, to attend field reviews and internal team meetings. The results of those meetings would be documented.

Standards

The standards will primarily consist of IDOT- CADD Manual, Roadway Drafting Guidelines, and any additional standards set forth by the Village of Oak Park. Work will be performed within the time schedule and man-hour budget. This aspect of the plan relies on the skill and experience of the project team. Their knowledge of IDOT policies, practices, and procedures and the proper application of their technical knowledge and skill is a critical element of the plan. Milestones and deliverables would be identified along with key meeting dates with Village of Oak Park.

Project Control

Milestones will be identified for each project. Deliverables will consist of the detailed scope of services. Quality assurance reviews will be scheduled for the various milestones and deliverables. Key meeting dates with Village of Oak Park and other agencies will be identified in the schedule. The general steps leading to the milestones would consist of:

- Executive summary and introduction describing the project objectives and goals;
- Project limits and proposed topographic surveying scope of services;
- Staffing plan including staff hour assignments of key and support staff members as well as an organizational chart;
- Description of deliverables, including a list of surveys, to be prepared as part of the project;
- Cost estimation and control procedures;
- Project schedule and management procedures;
- Cost details and supporting documentation;
- Research through Cook County Recorder's office, and other sources for records relating to right-of-way and property boundaries, if necessary. Review of any provided documents, will also be completed;
- Field reconnaissance to determine best positions for control points for project. Run control survey through project extents;
- Survey location of existing improvements in or adjoining the proposed project limits; Prepare topographic design surveys, or other identified deliverables in accordance with IDOT and Village of Oak Park standards to depict the features, contours and additional requested items;

Internal team meetings would be conducted at key intervals to assure that the schedule and budget is adhered to and that the task expectations are communicated and understood.



QC/QA Program

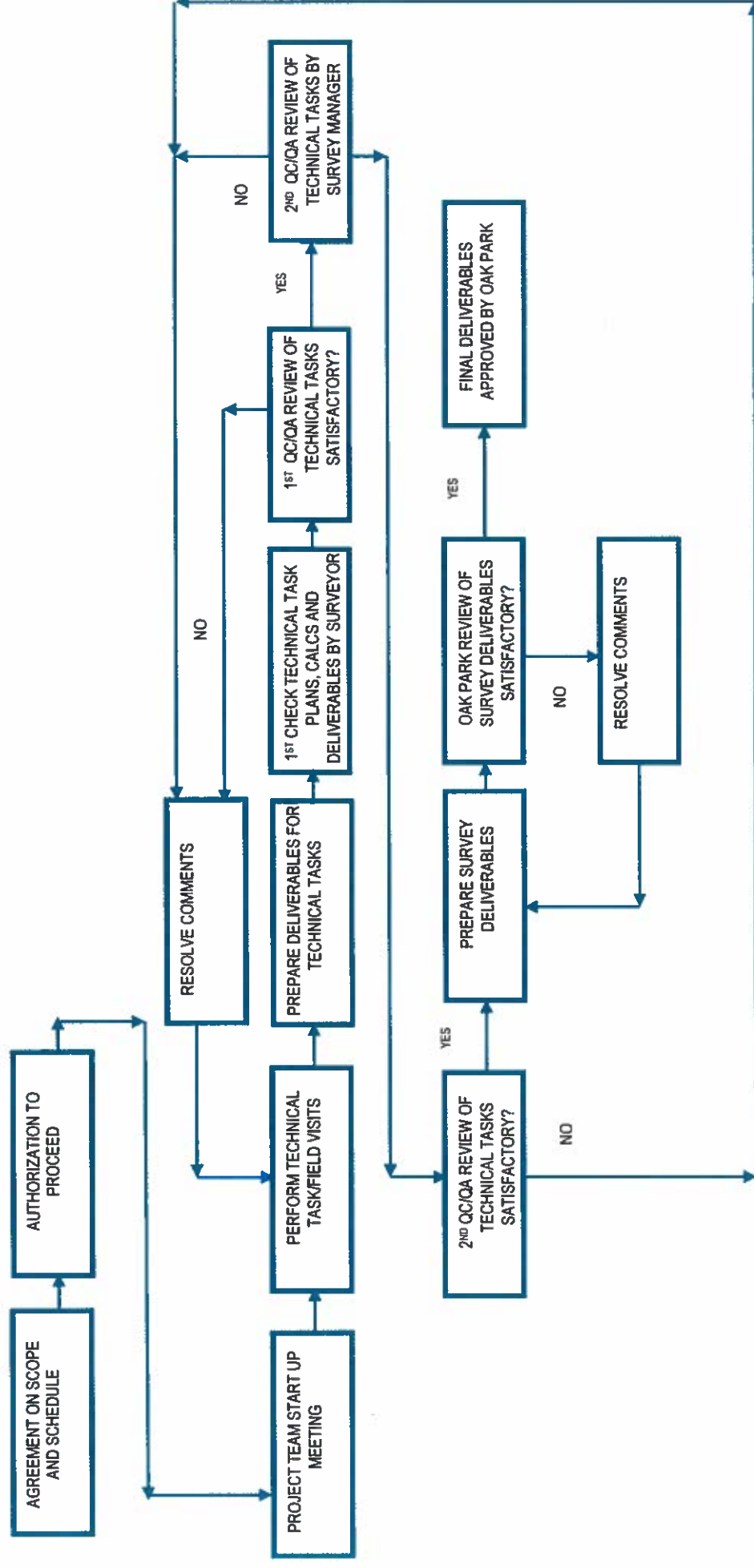
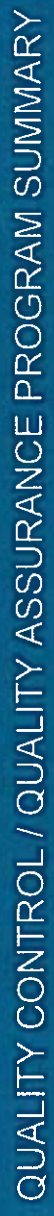
Applicable IDOT and Village of Oak Park manuals and formats would be assigned to the project library. Checklists would be utilized for each project. Calculations would be checked and contained with the project file. Copies of computer input and output data will be assembled and organized.

A Project Manager (Licensed Professional Surveyor) will serve as the Final QC/QA reviewer. The QC/QA reviewer would provide written comments that would be addressed prior to the milestone deliverable being submitted to Village of Oak Park.

Summary

The intent of the QC/QA Plan process is to provide both a communication process and a check and balance process so that the deliverable meets or exceeds expectations without spending undo time achieving it. The goal is to minimize errors, omissions, and ambiguities.





Section 7.

Summary Statement



Summary Statement

Summary Statement

Mackie Consultants, LLC offers unparalleled capabilities, depth of resources and sensitivity to clients and offers the following:

- Mackie Consultants, LLC brings knowledge and wisdom from a wide range of surveying projects from the collective staff and firm experience to this project. Mackie Consultants has assembled an experienced team of professional and technical staff who have worked together on prior projects and provides an efficient and well-organized approach resulting in cost effective projects.
- Mackie Consultants, LLC's staff is locally available and only 11 miles from Oak Park. Sufficient staff is available to be assigned for the duration of this project as Mackie Consultants, LLC utilizes 6 to 8 survey crews to meet each client's schedule and needs.
- Accurate, reliable and complete are three adjectives that describe Mackie Consultants, LLC's commitment to meeting the Village's surveying needs. Our staff utilizes the latest technology to complete a full array of surveying services. Mackie Consultants, LLC uses this technology to perform comprehensive surveying and mapping services.
- Mackie Consultants has a proven track record on adhering to project schedules and budgets. Thorough planning and responsive management enables us to consistently meet schedules and financial budgets.
- Mackie Consultants, LLC's management plan emphasizes quality of work, adherence to project budget and compliance with the project schedule. Our approach outlines our understanding of the anticipated scope of work and addresses schedules, meetings, deliverables, design and construction standards, issues and criteria, and community involvement. To ensure the successful completion of these projects, assigned staff will be available for the duration of the project.
- Mackie Consultants, LLC's field equipment includes the latest technology for Robotic and Laser Total Stations, Reflectorless Total Stations, Dual Frequency millimeter-accuracy GPS Systems, technologically advanced Data Collectors, Leveling Instruments, and laser-equipped targets for Robotic Total Stations. Mackie Consultants, LLC utilizes 6 to 8 survey crews to meet each clients' schedule and needs.
- Mackie has provided extensive surveying and engineering in the greater metropolitan Chicago area demonstrating familiarity with local and county standards and regulations as well as demonstrating their satisfaction with Mackie's staff and deliverables.
- Mackie has sufficient financial resources to provide the services required; has not been assessed fines or penalties on other projects; and meets the insurance requirements set forth by the Village.





Section 8.

Respondent Certification Forms

Section III. Compensation Estimate Schedule

Please complete all forms and submit the information requested on the following pages and submit one (1) hard copy of the compensation schedule along with the proposal. The Compensation schedule shall include the total price and signature below.

The compensation schedule shall identify the Consultant's price to complete the scope of services as specified in Section II, "Scope of Services," of this request for proposals according to the amount below.

TOTAL PRICE TO PERFORM ALL WORK AS DESCRIBED IN SECTION II

\$ 59,150.00

The undersigned proposes to perform the work as specified in Section II, "Scope of Services," of this call for proposals.

Proposal Signature: _____



State of Illinois)

County of Cook)

Martin T. Burke

(Type Name of Signee)

being first duly sworn on oath deposes and says that the Vendor on the above Proposal is organized as indicated below and that all statements herein made on behalf of such Vendor and that their deponent is authorized to make them, and also deposes and says that deponent has examined and carefully prepared their proposal from the Contract.



RESPONDENT CERTIFICATION

PROPOSAL SIGNATURE: _____

State of Illinois)

County of Cook)

Martin T. Burke

, TYPE NAME OF SIGNEE

being first duly sworn on oath deposes and says that the Respondent on the above proposal is organized as indicated below and that all statements herein made on behalf of such Respondent and that this deponent is authorized to make them, and also deposes and says that he has examined and carefully prepared their bid proposal from the Contract Exhibits and Specifications and has checked the same in detail before submitting this proposal or bid; that the statements contained herein are true and correct.

Signature of Respondent authorizes the Village of Oak Park to verify references of business and credit at its option.

Signature of Respondent shall also be acknowledged before a Notary Public or other person authorized by law to execute such acknowledgments.

Dated 8-28-19

Mackie Consultants, LLC

Organization Name

(Seal - If Corporation)

By

Martin T. Burke
Authorized Signature

9575 West Higgins Road, Suite 500, Rosemont, IL 60018

Address

847-696-1400

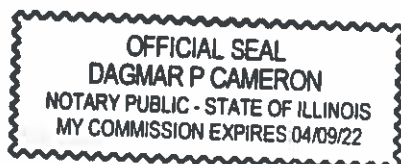
Telephone

Subscribed and sworn to before me this 28th day of August, 20 19.

In the state of Illinois.

Dagmar P. Cameron
Notary Public

My Commission Expires: 4-9-22



(Fill Out Applicable Paragraph Below)

(a) Corporation

The Respondent is a corporation, which operates under the legal name of _____

and is organized and existing under the laws of the State of _____.

The full names of its Officers are:

President _____

Secretary _____

Treasurer _____

The corporation does have a corporate seal. (In the event that this bid is executed by a person other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation which permits the person to execute the offer for the corporation.)

(b) Partnership

Name, signature, and addresses of all Partner _____

Christopher B. Burke, 8S021 College Road, Naperville, IL _____

Martin T. Burke, 2000 N. Orleans, Chicago, IL 60614 _____

David A. Shindoll, 225 N. Columbus Drive, #4710, Chicago, IL _____

The partnership does business under the legal name of _____

Mackie Consultants, LLC _____ which name is registered with the office of _____
Professional Regulation _____ in the county of Cook _____

in the state of Illinois _____.

(c) Sole Proprietor

The Respondent is a Sole Proprietor whose full name is _____.

If the Respondent is operating under a trade name said trade name is _____
which name is registered with the office of _____ in the county of _____
_____ in the state of _____.

Signed _____

Sole Proprietor



Attachment I.

RESPONDENT CERTIFICATION

Mackie Consultants, LLC, as part of its bid on a contract for
(name of Respondent)

Professional Environmental Services for 700 Madison Street to the Village of Oak Park, hereby certifies that said Respondent is not barred from bidding on the aforementioned contract as a result of a violation to either Section 33E-3 or 33E-4 of Article 33E of Chapter 38 of the Illinois Revised Statutes or Section 2-6-12 of the Oak Park Village Code relating to "Bidding Requirements".

By: 
(Authorized Agent of Respondent)

Subscribed and sworn to
before me this 28th day
of August, 20 19


(Notary Public)





Attachment II.

TAX COMPLIANCE AFFIDAVIT

Martin T. Burke _____, being first duly sworn, deposes and says:

that he/she is Manager _____ of
(partner, officer, owner, etc.)

Mackie Consultants, LLC _____
(bidder selected)

The individual or entity making the foregoing proposal or proposal certifies that he/she is not barred from entering into an agreement with the Village of Oak Park because of any delinquency in the payment of any tax administered by the Department of Revenue unless the individual or entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability for the tax or the amount of the tax. The individual or entity making the proposal or proposal understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition, voids the agreement and allows the municipality to recover all amounts paid to the individual or entity under the agreement in civil action.


By: Martin T. Burke
Its: Manager

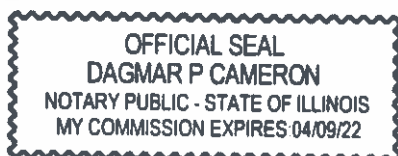
Martin T. Burke
(name of bidder if the bidder is an individual)
(name of partner if the bidder is a partnership)
(name of officer if the bidder is a corporation)

The above statement must be subscribed and sworn to before a notary public.

Subscribed and sworn to before me this 28th day of August, 2019


Notary Public's Signature

- Notary Public Seal -



Minority Business and Women Business Enterprises Requirements

The Village of Oak Park in an effort to reaffirm its policy of non-discrimination, encourages and applauds the efforts of bidders and subConsultants in taking affirmative action and providing Equal Employment Opportunity without regard to race, religion, creed, color, sex, national origin, age, handicap unrelated to ability to perform the job or protected veteran's status.

Reporting Requirements

The following forms must be completed in their entirety, notarized and included as part of the proposal document. Failure to respond truthfully to any question on the list or failure to cooperate fully with further inquiry by the Village of Oak Park will result in disqualification of your proposal.



Attachment III.

ORGANIZATION OF BIDDING FIRM

Please fill out the applicable section:

A. Corporation:

The Consultant is a corporation, legally named _____ and is organized and existing in good standing under the laws of the State of _____. The full names of its Officers are:

President _____

Secretary _____

Treasurer _____

Registered Agent Name and Address: _____

The corporation has a corporate seal. (In the event that this Bid is executed by a person other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation that permits the person to execute the offer for the corporation.)

B. Sole Proprietor:

The Consultant is a Sole Proprietor. If the Consultant does business under an Assumed Name, the

Assumed Name is _____, which is registered with the Cook County Clerk. The Consultant is otherwise in compliance with the Assumed Business Name Act, 805 ILCS 405/0.01, et. seq.

C. Partnership:

The Consultant is a Partnership which operates under the name Mackie Consultants, LLC

The following are the names, addresses and signatures of all partners:

Christopher B. Burke
85012 College Road, Naperville, IL

Signature

Martin T. Burke
2000 N. Orleans, Chicago, IL 60614

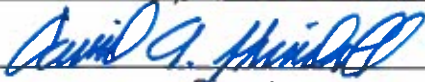
Signature

(Attach additional sheets if necessary.) If so, check here X .

C. Partnership (Cont'd):

The following are the names, addresses and signatures of all partners:

David A. Shindoll, 225 N. Columbus Dr. # 4710, Chicago, IL



Signature

If the partnership does business under an assumed name, the assumed name must be registered with the Cook County Clerk and the partnership is otherwise in compliance with the Assumed Business Name Act, 805 ILCS 405/0.01, et. seq.

D. Affiliates: The name and address of any affiliated entity of the business, including a description of the affiliation: _____

Signature of Owner



Attachment IV. Compliance Affidavit

I, Martin T. Burke being first duly sworn on oath depose and state as follows:

(Print Name)

1. I am the (title) Manager of the Proposing Firm ("Firm") and am authorized to make the statements contained in this affidavit on behalf of the Firm.
2. The Firm is organized as indicated on Exhibit A to this Affidavit, entitled "Organization of Proposing Firm," which Exhibit is incorporated into this Affidavit as if fully set forth herein.
3. I have examined and carefully prepared this proposal based on the Request for Proposals and verified the facts contained in the proposal in detail before submitting it.
4. I authorize the Village of Oak Park to verify the Firm's business references and credit at its option.
5. Neither the Firm nor its affiliates¹ are barred from proposing on this project as a result of a violation of 720 ILCS 5/33E-3 or 33E-4 relating to bid rigging and bid rotating, or Section 2-6-12 of the Oak Park Village Code related to "Proposing Requirements".
6. The Proposing Firm has the M/W/DBE status indicated below on the form entitled "EEO Report."
7. Neither the Firm nor its affiliates is barred from agreement with the Village of Oak Park because of any delinquency in the payment of any debt or tax owed to the Village except for those taxes which the Firm is contesting, in accordance with the procedures established by the appropriate revenue act, liability for the tax or the amount of the tax. I understand that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition, voids the agreement and allows the Village of Oak Park to recover all amounts paid to the Firm under the agreement in a civil action.
8. I am familiar with Section 13-3-2 through 13-3-4 of the Oak Park Village Code relating to Fair Employment Practices and understand the contents thereof; and state that the Proposing Firm is an "Equal Opportunity Employer" as defined by Section 2000(E) of Chapter 21, Title 42 of the United States Code Annotated and Federal Executive Orders #11246 and #11375 which are incorporated herein by reference. **Also complete the attached EEO Report or Submit an EEO-1.**
9. I certify that the Consultant is in compliance with the Drug Free Workplace Act, 41 U.S.C.A, 702.

¹ Affiliates means: (i) any subsidiary or parent of the bidding or contracting business entity, (ii) any member of the same unitary business group; (iii) any person with any ownership interest or distributive share of the bidding or contracting business entity in excess of 7.5%; (iv) any entity owned or controlled by an executive employee, his or her spouse or minor children of the bidding or contracting business entity.

Signature:  Printed Name Martin T. Burke

Name of Business: Mackie Consultants, LLC Your Title: Manager

Business Address: 9575 West Higgins Road, Suite 500, Rosemont, IL 60018

(Number, Street, Suite #)

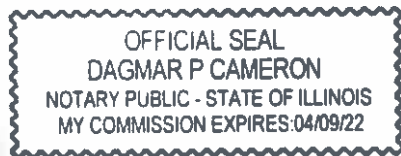
(City, State & Zip)

Telephone: 847-696-1400 Fax: 847-696-1410 Web Address: www.mackieconsult.com

Subscribed to and sworn before me this 28th day of August, 2019.



Notary Public



Failure to respond truthfully to any questions on this form, failure to complete the form or failure to cooperate fully with further inquiry by the Village of Oak Park will result in disqualification of this Bid. For assistance in completing this form, contact the Department of Public Works at 708-358-5700.

M/W/DBE STATUS AND EEO REPORT

1. Consultant Name: Mackie Consultants, LLC

2. Check here if your firm is:

- ☐ Minority Business Enterprise (MBE) (A firm that is at least 51% owned, managed and controlled by a Minority.)
- ☐ Women's Business Enterprise (WBE) (A firm that is at least 51% owned, managed and controlled by a Woman.)
- ☐ Owned by a person with a disability (DBE) (A firm that is at least 51% owned by a person with a disability)
- ☒ None of the above

[Submit copies of any W/W/DBE certifications]

3. What is the size of the firm's current stable work force?

62 Number of full-time employees

 Number of part-time employees

4. Similar information will be requested of all subConsultants working on this agreement. Forms will be furnished to the lowest responsible Consultant with the notice of agreement award, and these forms must be completed and submitted to the Village before the execution of the agreement by the Village.

Signature: 

Date: 8-28-19

EEO REPORT

Please fill out this form completely. Failure to respond truthfully to any questions on this form, or failure to cooperate fully with further inquiry by the Village of Oak Park will result in disqualification of this proposal. An incomplete form will disqualify your proposal. For assistance in completing this form, contact the Purchasing Department at 708-358-5473.

An EEO-1 Report may be submitted in lieu of this report _____

Consultant Name Mackie Consultants, LLC

Total Employees 62

Job Categories	Total Employees	Total Males	Total Females	Males				Females			Total Minorities
				Black	Hispanic	American Indian & Alaskan Native	Asian & Pacific Islander	Black	Hispanic	American Indian & Alaskan Native	
Officials & Managers	5	4	1								
Professionals	30	22	8		1		2				4
Technicians	20	20			2		2				4
Sales Workers											
Office & Clerical	7	1	6					2			2
Semi-Skilled											
Laborers											
Service Workers											
TOTAL	62	47	15								
Management Trainees											
Apprentices											

This completed and notarized report must accompany your Proposal. It should be attached to your Affidavit of Compliance. Failure to include it with your Proposal will be disqualify you from consideration.

Dagmar P. Cameron, being first duly sworn, deposes and says that he/~~she~~ is the Manager (Name of Person Making Affidavit) (Title or Officer)

of Mackie Consultants, LLC and that the above EEO Report information is true and accurate and is submitted with the intent that it

be relied upon. Subscribed and sworn to before me this 28th day of August 20 19

Dagmar P. Cameron (Signature) 08-28-2019 (Date)

OFFICIAL SEAL
DAGMAR P CAMERON
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 04/09/22

