# STATEMENT OF QUALIFICATIONS:

# RPC TRAFFIC COUNTING PROGRAM UPDATE

## 2025 - 2026 TRANSPORTATION SYSTEM SURVEILLANCE

## REGIONAL PLANNING COMMISSION

**AUGUST 07, 2025**

Contract No:

**RPC Task A-1.26TC:**
**FY-26 UPWP**

Submitted to:

Submitted by:

SVAAPTA GROUP
Connecting Communities

SVAAPTA GROUP
Connecting Communities

August 7, 2025

Ms. Joan Rupp
Regional Planning Commission
10 Veterans Memorial Blvd.
New Orleans, LA 70124

Re: RPC Task A-1.26TC: FY-26 UPWP – RPC Traffic Counting Program Update: 2025-2026 Transportation System Surveillance

Dear Ms. Rupp,

On behalf of Svaapta Group, we sincerely thank the New Orleans Regional Planning Commission (RPC) for the opportunity to submit our qualifications to support the RPC Traffic Counting Program Update under the 2025–2026 Transportation System Surveillance initiative.

Svaapta Group, a DBE-certified small business based in Baton Rouge, is fully equipped and prepared to perform all aspects of the required work in-house. Our experienced team brings a cumulative total of over 60 years of transportation engineering experience, with particular expertise in traffic data collection, analysis, and reporting. We have successfully delivered large-scale traffic count programs across Louisiana, including more than 25 projects involving volume and classification counts—all completed in full compliance with DOTD and FHWA standards.

We own and maintain a robust inventory of traffic data collection equipment, including over 60 tube counters, 21 video cameras, and various other field equipment to support both volume and classification studies. Our team has extensive experience formatting and submitting data compatible with DOTD's MS2 Traffic Count Database System (TCDS). All data collection efforts are supported by a rigorous Quality Assurance/Quality Control (QA/QC) process to ensure accuracy, completeness, and consistency of deliverables.

As a local small business, we take pride in offering responsive, hands-on service and building strong working relationships with our clients. Svaapta Group is enthusiastic and ready to begin work immediately upon notice to proceed.

Thank you again for your consideration. Please feel free to contact me directly at (404) 202-3962 or pmalisetty@SvaaptaGroup.com if you have any questions or require additional information.
Best regards,

Prasanth Malisetty, PE, PTOE, PTP, $RSP_1$

# DOTD FORM: 24-102

(Revised December 12, 2024)

**PROPOSAL TO PROVIDE CONSULTANT SERVICES**

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

| | |
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| **1.** Contract Name as shown in the advertisement | RPC Traffic Counting Program Update<br>2025-2206 Transportation System Surveillance<br>Regional Planning Commission |
| **2.** Contract Number(s) as shown in the advertisement | RPC Task A-1.26TC; FY-26 UPWP |
| **3.** State Project Number(s), if shown in the advertisement | N/A |
| **4.** Prime consultant name **(name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)** | Svaapta Group LLC |
| **5.** Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law) | EF.0007360 |
| **6.** Prime consultant mailing address | 14241 Coursey Boulevard, Suite A-12326<br>Baton Rouge, Louisiana 70817 |
| **7.** Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria) | 14241 Coursey Boulevard, Suite A-12326<br>Baton Rouge, Louisiana 70817 |
| **8.** Name, title, phone number, and email address of prime consultant's contract point of contact | Prasanth Malisetty, PE, PTOE, PTP, RSP1<br>President<br>(404) 202-3962; pmalisetty@SvaaptaGroup.com |
| **9.** Name, title, phone number, and email address of the official with signing authority for this proposal | Prasanth Malisetty, PE, PTOE, PTP, RSP1<br>President<br>(404) 202-3962; pmalisetty@SvaaptaGroup.com |

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

| | |
|---|---|
| **10.** This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.<br><br>**Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.** |  <br>Signature above shall be the same person listed in Section 9:<br><br>Date: 08/07/2025 |

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|---|---|---|
| **11.** If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage. | Firm(s):<br>Svaapta Group LLC | Firm(s)' %:<br>100% |

**12. Discipline Table:**

As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract.

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

| Discipline(s) | % of Overall Contract | Prime | Firm B | Firm C | Firm D | Firm E | Each Discipline must total to 100% |
|---|---|---|---|---|---|---|---|
| Data Collection | 100% | Svaapta Group LLC | | | | | **100%** |
| Choose an item. | | | | | | | **100%** |
| Choose an item. | | | | | | | **100%** |
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| Choose an item. | | | | | | | **100%** |
| Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant. | | | | | | | |
| Percent of Contract | **100%** | 100% | | | | | 100% |

**13. Firm Size:**

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" and include the classification title inside the parentheses.
The DOTD Job Classification(s) to be used can be found at the following link:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

| Firm name | DOTD Job Classification | **Number of personnel committed to this contract** | Total number of personnel available in this DOTD Job Classification (if needed) |
|---|---|---|---|
| Svaapta Group LLC | Engineer | 1 | 3 |
| Svaapta Group LLC | Technician | 2 | 3 |
| | Choose an item. | | |
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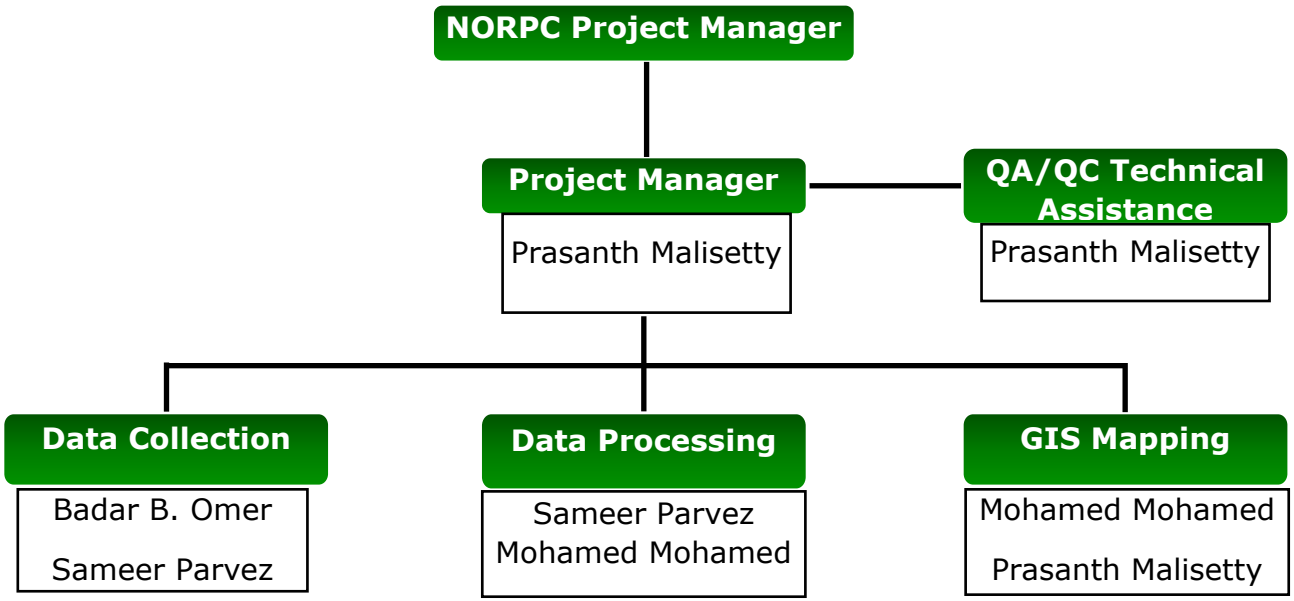
| | Choose an item. | | |

(Add rows as needed)

**14. <u>Organizational Chart</u>:**

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



**15. Minimum Personnel Requirements:**

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

| MPR No. Do not insert wording from ad | Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement) | Firm employed by | Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil) | State of license | License / certification expiration date |
|---|---|---|---|---|---|
| 1 | Prasanth Malisetty | Svaapta Group LLC | P.E – Civil, PE.0035792 | LA | 3/31/2027 |
| 2 | | | | | |
| 3 | | | | | |
| etc. | | | | | |
| | | | | | |
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| | | | | | |

(Add rows as needed)

**16. Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés are **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

| | | | | | |
|---|---|---|---|---|---|
| Name | Prasanth Malisetty, PE, PTOE, PTP, RSP1 | | | Years of experience with this firm/employer | 2 |
| Title | President | | | Years of experience with other firm(s)/employer(s) | 21 |
| Degree(s) / Years / Specialization | | | B.E. / 2003/ Civil Engineering; M.S. / 2004/ Civil Engineering | | |
| Active registration number / state / expiration date | | | PE.0035792 / LA / 3/31/2025 | | |
| Year registered | 2010 | Discipline | Civil Engineering | | |
| Contract role(s) / brief description of responsibilities | | | Traffic analysis and Safety analysis | | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract |
|---|---|
| Career History  | Prasanth, a seasoned Transportation Engineer, possesses a wealth of expertise in the realms of highway safety, traffic engineering, transportation planning, demand modeling/forecasting, and intersection/corridor analysis, accumulated over an impressive span of 19 years. With a robust background in applied research and industry experience, Prasanth has successfully undertaken and managed diverse transportation projects for prominent entities like DOTD, as well as other esteemed DOTs and municipalities nationwide.<br><br>Prasanth's project portfolio encompasses an array of transportation domains, including safety studies, access management, pedestrian and bicycle enhancements, complete streets initiatives, Stage 0 feasibility studies, traffic studies, traffic impact analyses, traffic signal timing and inventories, transportation management plans, NEPA studies, signal design, and signing and marking design. Throughout these ventures, Prasanth has adeptly employed various transportation engineering software packages such as HCS, SYNCHRO, Tru-Traffic, SIDRA, Vistro, VISSIM, CORSIM, TransCAD, ArcGIS, Microstation, and AutoCAD, showcasing proficiency in a wide range of specialized tools and technologies. |
| 01/24 – present | **2023 Intersection Improvement Study**, **Calcasieu Parish, LA:** Prasanth is responsible for performing a comprehensive traffic engineering study for 30 intersections across Calcasieu Parish. This study entails ***traffic data collection***, evaluating intersection operations, analyzing historical crash data for safety concerns, assessing geometric aspects, and formulating recommendations for infrastructure improvements. The overarching aim is to enhance safety and efficiency for all road users. |
| 3/24 - present | **Louisiana Technical Assistance Program (LTAP) Contract:** Prasanth will be providing technical assistance for the Local Road Safety Program (LRSP) on behalf of the LTAP. Responsibilities include assisting with LRSP's pre-applications and project development, analyzing roadway and safety data, identifying high-risk locations, selecting countermeasures, estimating quantities and costs, and calculating benefit/cost ratios for applications. Additionally, support in developing LRSP program guidelines and application processes, as well as conducting safety studies as directed by LTAP. |
| 10/23 – 12/24 | **SS4A NORPC, St. Tammany Parish, LA:** Prasanth is responsible for analyzing historical crash trends in St. Tammany Parish and using RPC's social vulnerability index, equity contributing factors in identifying countermeasure and projects to enhance mobility safety for all users. The proposed countermeasure projects provide parishes with opportunities to seek implementation funds and other applicable funding sources to execute the recommendations outlined in the action plan. |

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| 11/17 – 12/18 | **H.013264 District 08 Safety Investment Plan:** Prasanth was the project engineer responsible for performing districtwide safety analysis and preliminary engineering studies for various locations considered high potential for safety improvements. Evaluated crash statistics to identify possible roadway issues by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed Countermeasure Evaluation Tool (CET) tool which aid in determining total crash reduction for each proposed countermeasure with associated cost savings and prioritized list of potential safety projects based on planning level safety benefit cost ratios. This includes bicycle and pedestrian crash evaluations. |
| 02/21 – 02/22 | **MOVEBR LA 67 (Plank Road) Enhancement Project, Baton Rouge, LA:** Prasanth was a senior project engineer to enhance transit, bicycle, and pedestrian mobility on LA 67 (Plank Road) that required City-Parish and DOTD approval. Prasanth performed a safety analysis along the LA 67 corridor and developed alternatives to enhance safety along the study area. He also performed traffic operations evaluation which included traffic signal timing evaluations and pedestrian crossing timings. |
| 12/18 – 7/20 | **H.002297 LA 37 Sullivan Road to Liberty Road, Baton Rouge, LA:** Prasanth was the project manager to develop feasible roadway improvements that will improve operation and increase safety for all users along the LA 37 corridor. The project included ***data collection***, development of growth rates, safety analysis, and existing and future traffic analyses. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the existing and future traffic analysis and propose potential alternatives to mitigate existing deficiencies. |
| 10/16-12/18 | **H.012685 LA 385 Ryan Street Feasibility Study, Lake Charles, LA:** Prasanth was the project engineer responsible for developing feasible alternatives to preserve/enhance mobility and safety for all users along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included ***data collection,*** safety/crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions, and benefit/cost analysis. |
| 01/16 – 11/17 | **H.012307 LA 6 Stage 0 Feasibility Study, Natchitoches, LA:** Prasanth was the project engineer responsible for performing the Stage 0 Feasibility study and developing short-term and long-term solutions to improve safety and mobility for all users along the corridor. Responsible for ***data collection,*** safety analysis and alternatives analyses which include roundabouts, R-CUT, and signalized intersections. |
| 6/11 – 8/12 | **H.002397 LA 16 – I-12 Interchange, Livingston Parish, LA:** Prasanth was the project engineer responsible for traffic forecasting, interchange analysis using HCM and intersection analysis using Synchro. Responsible for developing multiple interchange alternative concepts and analysis that included pedestrian consideration. The regional impact on the roadway network for the proposed interchange alternatives was determined utilizing CRPC travel demand model. |
| 01/11 – 04/12 | **H.005734 LA 447 Corridor Study, Walker, LA:** Prasanth was the project engineer responsible for developing alternatives to mitigate existing corridor congestions and enhance safety and mobility for all users along the corridor. Responsible for ***data collection***, operational analysis, and developing microsimulation models using Vissim. The 10.2-mile study area includes 60 intersections and 64 driveways. |
| 09/10 – 2/12 | **S.P. No. 700-99-0447 US 190 Superstreet Study, Covington, LA:** Prasanth was the project engineer responsible for performing corridor study and develop solutions to improve mobility for all users along the corridor. The alternatives analyses included R-CUT and signalized intersection using Sychro and SimTraffic. Responsible for **data collection,** travel time runs and intersection analysis. |

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| Name | Sameer Parvez | Years of experience with this firm/employer | 2 years |
| Title | | Years of experience with other firm(s)/employer(s) | 18 (total) |
| Degree(s) / Years / Specialization | | B.S. / 2009/ Civil Engineering | |
| Active registration number / state / expiration date | | | |
| Year Registered | Discipline | | |
| Contract role(s) / brief description of responsibilities | | Traffic Data Collection and Data Processing / Formating | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract |
|---|---|
| Career History  | Sameer Parvez is a traffic data specialist with over 18 years of experience managing and executing high-volume data collection projects across the Southeast for DOTs, municipalities, and private clients. He has coordinated complex efforts involving hundreds of Volume, Classification, Speed, and Turning Movement Counts in challenging environments—including high-security urban areas and airport facilities. Sameer developed an in-house camera-based data collection system that doubled operational capacity, along with a rigorous QA/QC process to ensure data integrity. His strengths include field operations management, client communication, and delivering accurate, actionable data on time and within scope. |
| 01/19 – 05/22 | **SR 105 Widening from CR 765 to CR 234 (GDOT PI No. 0013573), Habersham County, Georgia DOT**<br>Sameer Parvez led the traffic data collection effort for this roadway widening project, ensuring comprehensive coverage of key locations along the corridor. The scope included 12 Classification Counts, 70 Volume Counts, and 13 Turning Movement Counts with classification data. He managed scheduling, field coordination, and quality control processes to ensure reliable, high-resolution data. Deliverables were prepared and submitted in accordance with GDOT specifications. |
| 09/17 - 11/17 | **SR 20 Connector from SR 3 to Grassdale Road – Phase II (GDOT PI No. 0013238), Georgia DOT**<br>Sameer Parvez managed the traffic data collection activities for this corridor improvement project in coordination with the GDOT consultant staff. The scope included 37 Turning Movement Counts and 59 Classification Counts across multiple intersections and segments. He was responsible for overseeing field deployment, ensuring data accuracy through rigorous review processes, and maintaining clear communication with the client throughout the project. All deliverables were submitted on time and met GDOT's technical standards. |
| 01/15 – 06/15 | **Signal Timing Studies – Districts 61, 62 & 02 (Contract No. 440001777), Louisiana DOTD:** Sameer Parvez served as the project manager responsible for coordinating all aspects of traffic data collection and delivery for this large-scale signal timing study across three DOTD districts. The scope of work included the collection and processing of 94 Turning Movement Counts, 194 Volume Counts, 48 Classification Counts, and 10 Speed Counts. Sameer led client communication, scheduled and managed field operations, implemented QA/QC protocols, and ensured timely and accurate delivery of all data deliverables to the client. |
| 08/14 – 12/14 | **Signal Timing Studies – Districts 61, 62 & 02 (Contract No. 4400000691), Louisiana DOTD**<br>Sameer Parvez served as the project manager overseeing the planning, coordination, and quality control of traffic data collection efforts across three DOTD districts. The project involved collecting 194 Volume Counts, 94 Turning Movement Counts, 48 Classification Counts, and 10 Speed Counts. He ensured all fieldwork was executed efficiently, performed detailed QA/QC reviews, and delivered accurate, high-quality datasets to the client on schedule. |
| 11/11 – 03/12 | **Central Atlanta Progress Phase II -Atlanta, GA:** Conducted QA/QC on the data collected for the CAP Phase II project involving 72 Turning Movement Counts and 156 Volume/Classification/Speed Counts. Coordinated with the client, the field supervisor, and the police department to ensure smooth and uninterrupted progress of work on a time sensitive project in a high security area |

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|---|---|---|---|
| Name | Badar B. Omer | Years of experience with this firm/employer | 2 years |
| Title | | Years of experience with other firm(s)/employer(s) | 21 (total) |
| Degree(s) / Years / Specialization | | B.S. / 1972 / Electronics Engineering | |
| Active registration number / state / expiration date | | | |
| Year Registered | Discipline | | |
| Contract role(s) / brief description of responsibilities | | Traffic Data Collection | |

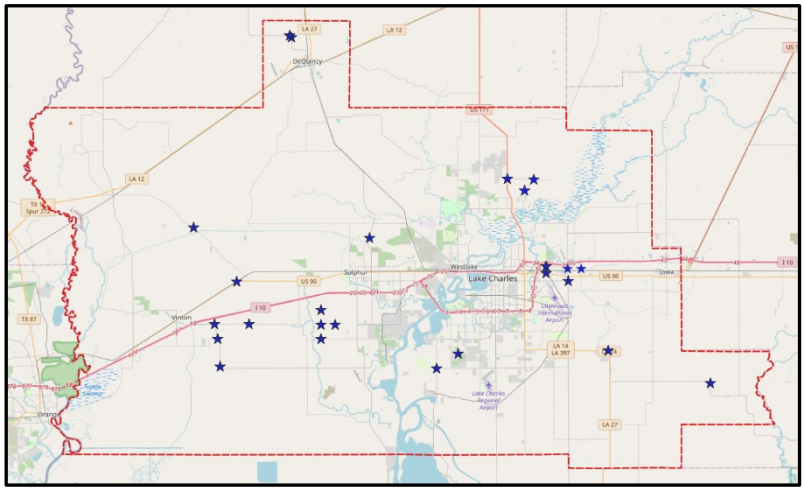
| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract |
|---|---|
| Career History  | Badar Omer is a veteran traffic data specialist and field supervisor with over 21 years of hands-on experience overseeing traffic data collection operations across the Southeast. He has led the successful deployment of thousands of Turning Movement, Volume, Speed, and Classification counts for DOTs and municipalities, ensuring strict adherence to safety and data quality protocols. Highly skilled in the setup and troubleshooting of a wide range of traffic equipment, he also trains new technicians on field procedures, equipment use, and safety practices. Badar excels in team leadership, operational efficiency, and maintaining the highest standards of field data integrity. His deep technical knowledge, leadership in the field, and commitment to safety and quality have made him a trusted resource on high-profile traffic studies for nearly two decades. |
| 04/21 – 08/21 | **Traffic Count Program, City of Sandy Springs, GA:** Badar Omer served as the field supervisor for this municipal traffic data program, coordinating field operations across various urban locations within the City of Sandy Springs. The scope included 17 Turning Movement Counts, 47 Volume Counts, 6 Classification and Speed Counts, and 3 Pedestrian Counts. Badar directed technician teams in the setup and monitoring of equipment, ensuring compliance with city guidelines and project timelines. His proactive field management helped deliver accurate, comprehensive data to support local transportation planning efforts. |
| 02/21 – 05/21 | **South Valdosta Truck Bypass (GDOT PI No. 0016898), Lowndes County, GA:** For this regional bypass project, Badar supervised the collection of 27 Turning Movement Counts, 80 Classification Counts, 9 Volume Counts, and 1 Interstate Classification Count. He led teams across arterial and interstate sites, ensuring data integrity and compliance with GDOT guidelines. His field oversight supported efficient operations and high-quality output. |
| 12/19 – 11/20 | **Statewide Planning IDIQ, Georgia DOT:** Under GDOT's Planning IDIQ contract, and in coordination with HNTB, Badar directed field activities across a diverse mix of roadway types. The scope included 44 Turning Movement Counts, 95 Volume Counts, 108 Classification Counts, and 2 Interstate Classification Counts. His role was pivotal in ensuring safe, accurate, and timely data collection to support the consultant's planning efforts. |
| 01/15 – 01/17 | **LA DOTD Statewide Traffic Counts Retainer (Contract No. 4400003369):** As field supervisor, Badar Omer led this multi-year data collection initiative across Louisiana, directing technician teams at interstate ramps, major arterials, and interchanges. The project involved 521 Classification Counts, 201 Turning Movement Counts, 292 Driveway Counts, and 34 Speed Counts. Badar coordinated field logistics, ensured protocol compliance, and maintained a consistent standard of data quality statewide. |
| 09/16 – 11/16 | **LA DOTD Statewide Traffic Engineering Retainer (Contract No. 4400004064):** Badar oversaw the deployment and execution of 906 peak hour driveway counts across a broad range of locations statewide. He managed technician scheduling, equipment setup, and on-site safety, ensuring consistent data collection under DOTD standards. His leadership contributed to reliable deliverables on a high-volume, fast-paced contract. |

| | | | | | |
|---|---|---|---|---|---|
| Name | Mohamed Mohamed, Ph.D. | | | Years of experience with this firm/employer | < 1 |
| Title | Traffic Engineer Intern | | | Years of experience with other firm(s)/employer(s) | 8 |
| Degree(s) / Years / Specialization | | | B.S./2014/Civil Engineering; M.S./2019/Civil Engineering, Ph.D./2025/Civil Engineering | | |
| Year registered | 2014 | Discipline | Civil Engineering | | |
| Contract role(s) / brief description of responsibilities | | | GIS Mapping and Traffic Data Processing | | |

| Experience dates | Experience and qualifications relevant to the proposed contract |
|---|---|
|  | Mohamed Mohamed is a transportation engineer with strong expertise in traffic operations, safety analysis, and pavement performance. He has applied advanced tools like ArcGIS Pro, QGIS, VISSIM, SYNCHRO, and Pavement ME Design across projects in Louisiana, Alaska, and Idaho. His work includes truck platooning research, RWIS safety studies, pedestrian and bicycle safety evaluations, and pavement marking analysis. Mohamed combines applied research with practical engineering, bringing a data-driven approach to solving transportation challenges. |
| 05/25 – present | **Intersection Improvement Study, Calcasieu Parish, LA:** Mohamed is responsible for conducting turning movement analysis, evaluating existing and future traffic operations, and identifying potential geometric and signal timing improvements. He applied Highway Capacity Manual (HCM) methodologies to assess intersection performance during peak periods and supported recommendations based on delay, level of service (LOS), and queueing analysis. |
| 05/22 – 5/25 | **Louisiana – Truck Platooning Research (LSU):** Conducted extensive research on truck platooning configurations to evaluate impacts on pavement performance, traffic safety, fuel efficiency, and operational effectiveness. Used GAMMs, Pavement ME Design, VISSIM, and SYNCHRO. |
| 06/21 – 05/22 | **Alaska – RWIS Safety Evaluation (UAF):** Assessed effectiveness and safety implications of Road Weather Information Systems (RWIS) on highway crash rates. Used GIS (ArcGIS Pro) for spatial analysis and statistical modeling. |
| 08/17 – 12/19 | **Idaho – Pavement Marking & Simulation Study (NIATT):** Conducted safety and cost-benefit analyses for wide pavement edge-line markings. Used VISSIM and SYNCHRO for simulation of infrastructure changes, including intersection modifications and signal timing. |

**17. Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Svaapta Group LLC | | Discipline(s)* | Data Collection, Traffic | |
| Project name | Calcasieu Parish 2023 Intersection Improvement Study | | Firm responsibility (prime or sub?) | Prime | |
| Project number | N/A | Owner's name | Calcasieu Parish Police Jury | | |
| Project location | Parishwide, Calcasieu Parish, LA | | Owner's Project Manager | Shalin Townsend | |
| Owner's address, phone, email | 1114 Ryan St., Lake Charles, LA 70601 / (337)721-4100 / stownsend@calcasieu.gov | | | | |
| Services commenced by this firm | 09/23 | Total consultant contract cost ($1,000's) | | 310 | |
| Services completed by this firm | Present | Cost of consultant services provided by this firm ($1,000's) | | 230 | |



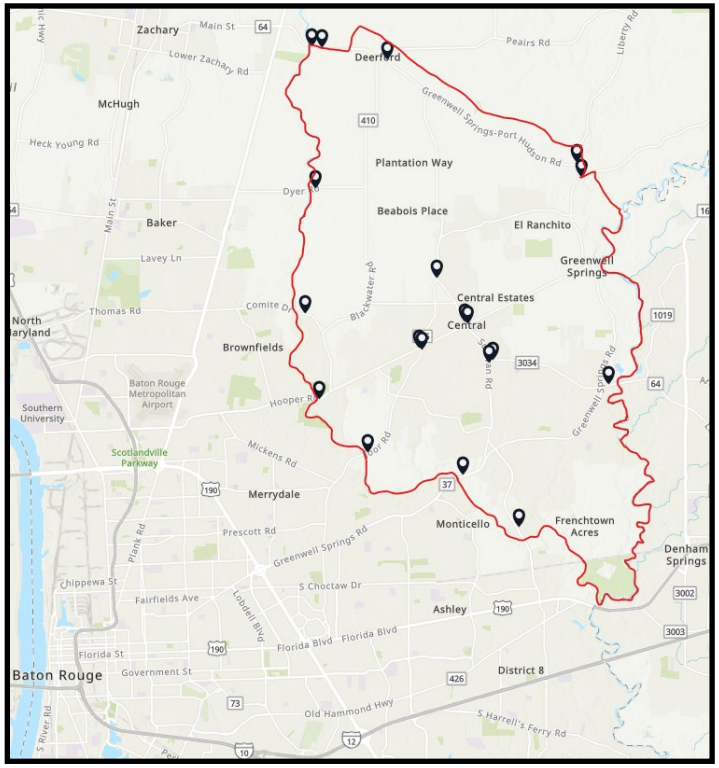

The Svaapta Group is tasked with conducting a comprehensive traffic engineering study for 30 intersections across Calcasieu Parish. The purpose of this study is to analyze existing and potential intersection deficiencies and recommend alternatives to enhance safety and operations for each intersection.
Adhering to the Manual of Uniform Traffic Control Devices (MUTCD) and LADOTD guidelines, the Intersection Traffic Engineering Study encompasses the following tasks:

- **Traffic Data Collection:** Traffic volumes approaching the intersections, as well as speed data was collected over a two-day period. This task included
  - 48-hour vehicle counts are 114 locations
  - Speed studies at 60 locations
  - 6-hr turning movement counts at 30 locations
- **Safety Analyses:** A detailed evaluation was carried out using 5-year crash data in accordance with the standards set by the LA DOTD. This analysis will help identify potential safety concerns and recommend appropriate measures to mitigate them.
- **Intersection Sight Distance Analysis:** All intersections were evaluated to determine if all vehicle movements at intersections have adequate visibility to safely perform their maneuvers.
- **Traffic Signal Warrant Analysis:** A thorough examination has been conducted to assess the necessity of a traffic signal at the intersections, as outlined in Chapter 4C of the MUTCD.
- **Intersection Operations:** All intersections were evaluated to determine existing operational deficiencies and recommend alternatives to improve operations.
- **Recommended Alternatives / Countermeasures:** Appropriate traffic control measures along with the applicable FHWA's proven countermeasures were recommended for each intersection, aiming to optimize traffic flow, enhance safety, and address any geometric deficiencies.

This project aims to improve the overall traffic flow and safety at these intersections, ensuring a safer and more efficient transportation network within Calcasieu Parish.

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Svaapta Group LLC | | Discipline(s)* | Data Collection | |
| Project name | City of Central Traffic Counts | | | Firm responsibility (prime or sub?) | Prime |
| Project number | N/A | Owner's name | City of Central | | |
| Project location | City of Central, LA | | Owner's Project Manager | Ray Louis | |
| Owner's address, phone, email | 13421 Hooper Road, Central, LA 70818 / Ray.louis@central-la.gov | | | | |
| Services commenced by this firm | 09/23 | Total consultant contract cost ($1,000's) | | 10 | |
| Services completed by this firm | 10/23 | Cost of consultant services provided by this firm ($1,000's) | | 10 | |

The comprehensive traffic assessment conducted by The Svaapta Group spanned the entirety of the City of Central, LA. The primary objective of this study was to meticulously analyze and ascertain 48-hour traffic volumes, specifically focusing on the detailed classification of trucks, along the various routes that serve as entry and exit points for the city. Ensuring a rigorous adherence to the guidelines set by the Federal Highway Administration (FHWA) for vehicle classification, our team meticulously conducted the counts at 30 location.




In addition to the traffic counts, The Svaapta Group played a pivotal role in collaborating with the City to enhance the utility of the collected data. This involved a dedicated effort to reformat the traffic counts in alignment with the specified templates provided by the Louisiana Department of Transportation and Development (LADOTD) Section 21, particularly the Data Collection & Management Systems Section. This collaborative approach aimed to streamline the data presentation and ensure compatibility with the established standards set by the regulatory framework.

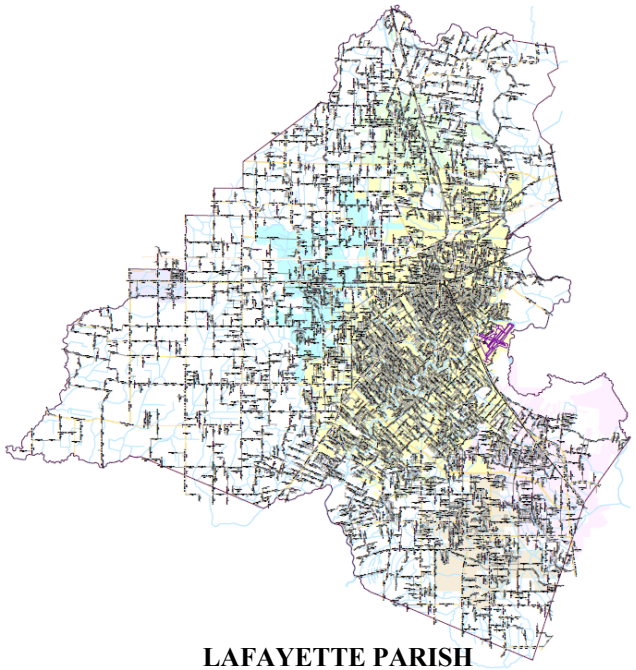
The traffic counts themselves were executed utilizing state-of-the-art machine tube counts, leveraging advanced technology to enhance the precision and efficiency of the data collection process. This innovative methodology not only reflects our commitment to employing cutting-edge techniques but also underscores our dedication to providing the City of Central with accurate and insightful traffic information for informed decision-making and planning.

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Svaapta Group LLC | | Discipline(s)* | Data Collection, Traffic | |
| Project name | Traffic Signal Timing Optimization | | Firm responsibility (prime or sub?) | Prime | |
| Project number | N/A | Owner's name | Lafayette Consolidate Government | | |
| Project location | Lafayette, LA | | Owner's Project Manager | Hunter Fontenot | |
| Owner's address, phone, email | 101 Jefferson Suite 202, Lafayette, LA 70502 / hnfontenot@lafayettela.gov | | | | |
| Services commenced by this firm | 03/24 | Total consultant contract cost ($1,000's) | | 29 | |
| Services completed by this firm | Present | Cost of consultant services provided by this firm ($1,000's) | | 29 | |

Svaapta Group is currently providing on-call support to Lafayette Consolidated Government for the operation and maintenance of their traffic signal system. The scope of work includes traffic data collection, peak period observations, and traffic signal retiming to enhance corridor progression and reduce delays.

As part of this engagement, Svaapta Group successfully retimed five major corridors, encompassing 30 signalized intersections. Key tasks completed include:

- **Traffic Data Collection:** Conducted 8–10 hour turning movement counts at all 30 intersections.
- **Field Observations:** Performed peak hour field observations and travel time runs along the five corridors to assess real-world conditions.
- **Analysis:** Identified existing signal timing issues, progression inefficiencies, excessive vehicle queues, and driver behavior patterns contributing to delays.
- **New Timing Plans:** Developed and proposed multiple time-of-day signal timing plans tailored to corridor-specific traffic patterns.
- **Implemented** the new signal timings in the field and monitored performance.
- **Fine Tuning:** Conducted follow-up peak period observations post-implementation to assess effectiveness. Performed fine-tuning adjustments to optimize operations as needed.



**LAFAYETTE PARISH**

This proactive and data-driven approach led to measurable improvements in traffic flow and operational efficiency across the selected corridors.

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Svaapta Group LLC | | Discipline(s)* | Data Collection, Traffic | |
| Project name | Venture Global LNG Traffic Impact Study | | Firm responsibility (prime or sub?) | Prime | |
| Project number | N/A | Owner's name | Venture Global LNG | | |
| Project location | Cameron Parish, LA | | Owner's Project Manager | Bret Wallace | |
| Owner's address, phone, email | 235 Davis Rd, Cameron, LA 70631 / bwallace@VENTUREGLOBALLNG.COM | | | | |
| Services commenced by this firm | 12/24 | Total consultant contract cost ($1,000's) | | 53 | |
| Services completed by this firm | Present | Cost of consultant services provided by this firm ($1,000's) | | 53 | |

Svaapta Group conducted a comprehensive traffic impact study in support of the CP2 phase of a proposed LNG facility in Cameron Parish, Louisiana. The project anticipated up to 7,500 construction workers during peak activity, necessitating a detailed analysis of traffic impacts across multiple phases of construction.

The study evaluated operations at 21 intersections and along the surrounding roadway network, considering the full range of impacts generated by the proposed workforce and construction logistics. To manage traffic demand, four designated park-and-ride lots were identified, with workers shuttled to the site by bus. The analysis considered four distinct shift times, each with unique traffic implications, to capture the full variability of worker arrival and departure patterns across construction phases.

Key Tasks Performed:

- **Traffic Data Collection**
  - Conducted 8-hour turning movement counts at 21 intersections.
  - Completed 48-hour volume counts at six strategic locations.
- **Traffic Forecasting**
  - Projected workforce volumes for each construction phase.
  - Analyzed worker origin locations to understand travel patterns and volumes.
- **Traffic Impact Analysis**
  - Evaluated existing conditions and future impacts at all 21 intersections.
  - Assessed traffic operations for each construction phase to identify potential issues related to congestion and safety.
- **Mitigation Recommendations**
  - Developed targeted improvements to address anticipated traffic impacts by phase.
  - Provided implementation schedules aligned with specific construction timelines to ensure efficient traffic flow and maintain roadway safety throughout the project duration.

This study supported the successful planning of the CP2 construction effort by identifying and addressing traffic concerns proactively, helping stakeholders manage large-scale workforce movement while minimizing impacts to the local transportation network.

## 18. Approach and Methodology:

***Project Team***

The successful execution of this contract requires a skilled and diverse team with in-depth knowledge of DOTD's standard practices. The Svaapta Group brings an experienced team with a proven track record, having completed over 20 similar traffic studies across Louisiana. These projects involved extensive traffic data collection, processing, and analysis in accordance with DOTD and RPC guidelines.

Our team is led by Prasanth Malisetty, PE, PTOE, PTP, RSP, who will serve as Project Manager. Prasanth brings over 19 years of professional experience in conducting traffic studies, with project scopes ranging from 4 to 120 intersections. He has a strong understanding of DOTD's Traffic Monitoring Manual and MS2 Traffic Count Database System (TCDS) compatibility requirements.

Svaapta Group, a Baton Rouge-based DBE-certified minority-owned small business, takes pride in delivering client-focused, responsive service. We are committed to sustainable and inclusive transportation improvements across the state.

***Approach and Methodology***

Our approach is fully aligned with the DOTD's Project Delivery Manual and the Stage 0 Manual of Standard Practices. We have a comprehensive understanding of the project's scope, which includes collecting 48-hour traffic volume and vehicle classification data at 120 locations. Our process includes the following key steps:

Pre-Deployment Planning

- Confirm count locations and station IDs with RPC.
- Review school calendars to ensure counts occur while schools are in session.
- Avoid counts during holidays, festivals, Mardi Gras, and inclement weather periods.
- Prepare equipment and QA/QC procedures in advance.

Data Collection Protocol

- Collect 48-hour traffic volume and classification data (FHWA 13 vehicle classes) Tuesday through Thursday.
- Adhere to the 2016 LA DOTD Traffic Monitoring Manual, Chapter 4.0, and the FHWA 2016 Traffic Monitoring Guide (TMG).
- Ensure simultaneous counts in both directions at divided or agreed-upon sites.

Technology and Resources

- Svaapta Group has 60 functional tube counters, with at least 25 dedicated for this project.
- GPS-enabled data logging for precise location tagging.
- Use proprietary workflow scripts and batch processing tools for quality control and efficiency in formatting deliverables to meet DOTD standards.

Quality Assurance / Quality Control

- All counts will go through a two-tier QA/QC review process.
- TMG standards will be enforced, ensuring accuracy and consistency.
- Equipment will be regularly calibrated and verified before deployment.

***Deliverables***

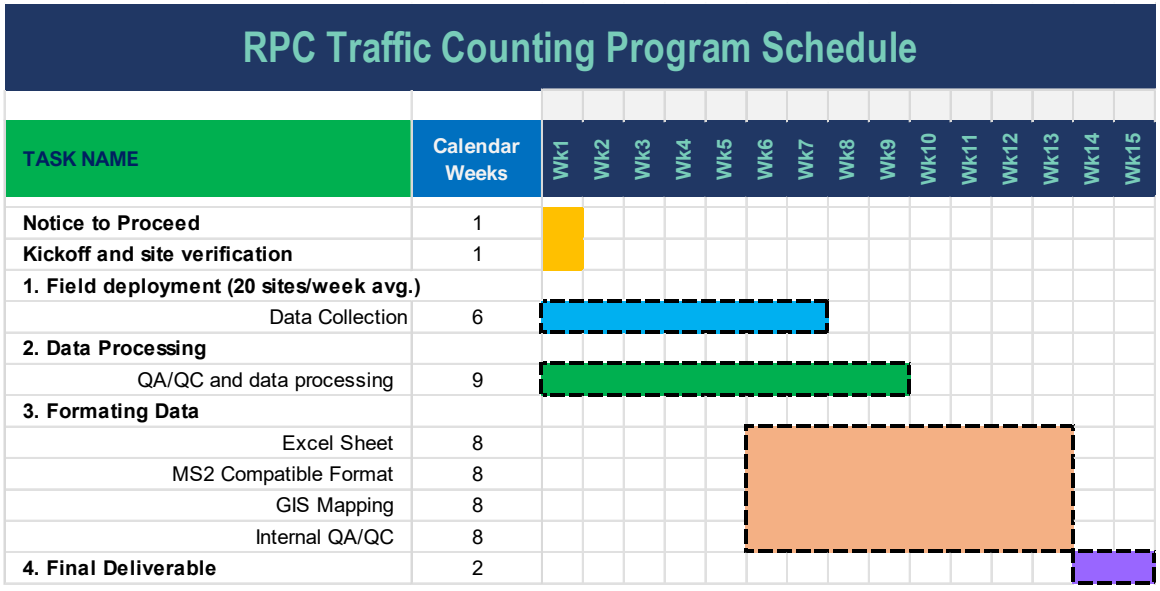
The following deliverables will be submitted to RPC in the required formats:

1. **Traffic Count Summary Spreadsheet** (Microsoft Excel format)
   - Includes ADT, peak hour, classification summary in 15-minute intervals, GPS coordinates, projection information, and RPC station IDs (if assigned).
2. **GIS File (Shapefile or Feature Class)**
   - Includes count location, ADT values, and RPC-required location descriptions.
3. **Raw Traffic Data Files**
   - Compatible with MS2 Traffic Count Database System (TCDS) as per DOTD specifications
4. **Biweekly Progress Updates**

   Svaapta Group will provide biweekly updates via email to RPC staff throughout the data collection and processing phases.These updates will include a summary of:
   - Completed and upcoming count locations
   - Equipment deployment and retrieval status
   - Any encountered field issues or schedule deviations
   - Preliminary data quality observations and processing progress

   These updates ensure transparency, allow both Svaapta Group and RPC to monitor progress in near real-time, and support early identification of any schedule risks or data anomalies.

***Schedule and Timeline***



**19. Workload:**

For all contracts where a firm on the team is a prime consultant or sub-consultant and where **a)** the consultant selection was made by DOTD, and **b)** a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) one of the team's firms is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
3) the work has not yet been performed and invoiced; and
4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

| Firm(s) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE | Discipline(s) * | Contract Number and State Project Number | Project Name | Remaining Unpaid Balance** |
|---|---|---|---|---|
| Svaapta Group LLC | Data Collection | N/A | N/A | N/A |
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**20. <u>Certifications/Licenses:</u>**

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank**.

**State of Louisiana Secretary of State**

**COMMERCIAL DIVISION**
**225.925.4704**

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

| Name | Type | City | Status |
|---|---|---|---|
| SVAAPTA GROUP LLC | Limited Liability Company | BATON ROUGE | Active |

**Previous Names**

**Business:** SVAAPTA GROUP LLC
**Charter Number:** 45014485K
**Registration Date:** 7/13/2022

**Domicile Address**

16811 SUNSET POINT CT
BATON ROUGE, LA 708163725

**Mailing Address**

14241 COURSEY BLVD
SUITE A-12326
BATON ROUGE, LA 70817

## Status

**Status:** **Active**
**Annual Report Status:** **In Good Standing**
**File Date:** 7/13/2022
**Last Report Filed:** 6/13/2025
**Type:** Limited Liability Company

## Registered Agent(s)

**Agent:** VINDHYA KEMISETTI
**Address 1:** 16811 SUNSET POINT CT
**City, State, Zip:** BATON ROUGE, LA 708163725
**Appointment Date:** 7/13/2022

## Officer(s)

**Additional Officers: No**

**Officer:** VINDHYA KEMISETTI
**Title:** Manager, Member

| | |
|---|---|
| **Address 1:** | 16811 SUNSET POINT CT |
| **City, State, Zip:** | BATON ROUGE, LA 708163725 |

| | |
|---|---|
| **Officer:** | PRASANTH MALISETTY |
| **Title:** | Manager |
| **Address 1:** | 16811 SUNSET POINT CT |
| **City, State, Zip:** | BATON ROUGE, LA 708163725 |

## Amendments on File (2)

| Description | Date |
|---|---|
| Domestic LLC Agent/Domicile Change | 3/22/2023 |
| Appointing, Change, or Resign of Officer | 10/5/2024 |

Print

# LOUISIANA UNIFIED CERTIFICATION PROGRAM

## Disadvantaged Business Enterprise Program (DBE)

## Small Business Element (SBE)

**This is to certify that under Title 49, Part 26 of the Code of Federal Regulations & under the State of Louisiana United Certification Program (LAUCP)**

# SVAAPTA GROUP, LLC

**Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:**

**NC541330, NC541611**

*NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.*

**Certificate Eligibility: March 2024 to March 2025**

***This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.***

Rhonda Wallace

**Rhonda Wallace, DBE/SBE Programs Manager**

***Louisiana Department of Transportation & Development***

**21. <u>QA/QC Plan:</u>**

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted**.

**22. Sub-consultant information:**

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

| **Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)** | **Address** | **Point of Contact and email address** | **Phone Number** |
|---|---|---|---|
| | | | |
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(Add rows as needed)

**23. Location:**

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement**.