

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES


(Revised January 1, 2023)

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.

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR TRAFFIC DATA COLLECTION STATEWIDE
2. Contract Number(s) as shown in the advertisement	4400026335
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	NATIONAL DATA AND SURVEYING SERVICES, INC.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	N/A - LAPELS Waiver accepted/active
6. Prime consultant mailing address	1535 S La Cienega Blvd, Los Angeles, CA 90035
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	3032 Ridgelake Dr, Suite 103, Metairie, LA, 70002
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Kevin Deal, COO 323-782-0090 kevd@ndsdata.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Abraham Tashman, CEO/President 323-782-0090 avi.tashman@ndsdata.com

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

<p>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.</p>	 <p>Signature above shall be the same person listed in Section 9:</p> <p>02/22/2023</p> <p>Date:</p>
<p>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.</p>	<p><u>Firm(s):</u></p> <p><u>Firm(s)' %:</u></p>

12. Past Performance Evaluation Discipline Table:

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

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	Prime National Data and Surveying Services, Inc.	Firm B	Firm C	Firm D	Firm E	Each Discipline must total to 100%
Data Collection	100%	100%					100%
							100%
							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%					

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 (please specify)” and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

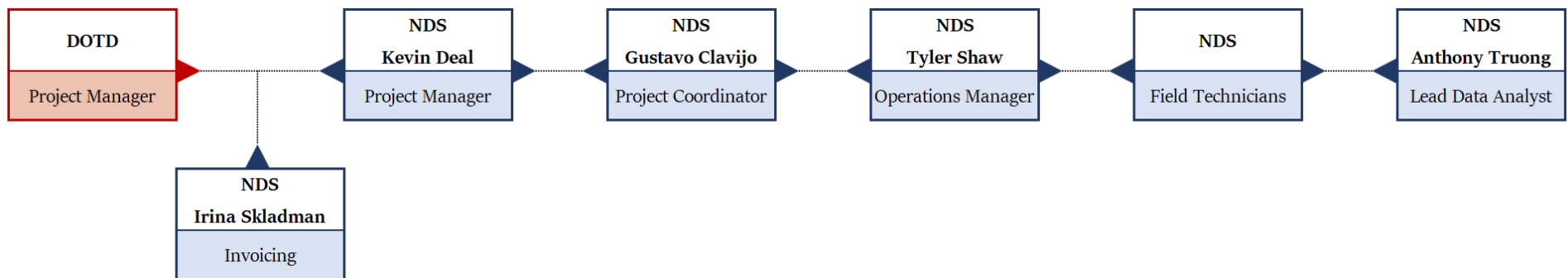
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
National Data and Surveying Services, Inc	Accountant	1	2
National Data and Surveying Services, Inc	Administrative	1	3
National Data and Surveying Services, Inc	Professional	2	7
National Data and Surveying Services, Inc	Principal	1	2
National Data and Surveying Services, Inc	Senior Technician	1	2
National Data and Surveying Services, Inc	Supervisor-Other	1	1
National Data and Surveying Services, Inc	Technician	4	6

(Add rows as needed)

14. Organizational Chart:

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.



Personnel	Role	Responsibilities
Kevin Deal	NDS Project Manager	Overall contract management
Gustavo Clavijo	NDS Project Coordinator	Contract planning, scheduling, execution, communication, progress reports, quality control, updates, data collection
Tyler Shaw	NDS Operations Manager	Work Zone Safety, field safety, field audits, field data collection, and execution oversight.
NDS Field Technician		Work Zone Safety, field safety, field data collection
Anthony Truong	NDS Lead Data Analyst	Quality assurance, data preparation, and data delivery

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	Kevin Deal	National Data and Surveying Services, Inc.	N/A	N/A	N/A
2	Kevin Deal	National Data and Surveying Services, Inc.	N/A	N/A	N/A

(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 should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by National Data & Surveying Services			
Name	Kevin Deal		Years of relevant experience with this employer
Title	COO		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 2004 / Production and Engineering		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Project Manager / Mr. Deal ensures contract compliance as well as adherence to data collection standards, schedule, and delivery requirements. Mr. Deal has been the Project Manager for all major NDS contracts throughout the nation for nearly 20 years, accruing unparalleled data collection experience that will be used to support this contract at every stage.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).		
01/21 - Present	NYSDOT Traffic Count Program: Mr. Deal, Project Manager, manages annual traffic counts consisting of approximately 3,000 ATR Classification counts, 3,000 ATR Volume counts, 1,000 TMCs with pedestrians, bikes, buses, heavy trucks, and RTOR, as well as 100 Pedestrian and Bicycle counts. Mr. Deal is responsible for the successful execution of all aspects of this contract.		
05/19 - Present	NYCDOT Citywide Data Collection, Tabulation and Analysis: Mr. Deal, Project Manager, manages annual traffic counts consisting of approximately 3,200 ATR counts, 2,800 TMCs, 600 Pedestrian counts, 700 Bicycle counts, and 180 Spot Speed Radar counts. Mr. Deal is responsible for the successful execution of all aspects of this contract.		
07/05 - Present	LADOT On-Call Traffic Data Collection: Mr. Deal, Project Manager, manages annual traffic counts consisting of 2,000 ATR counts, 51 pedestrian/bicycle screenline counts, 500 pedestrian studies, and 1,000 TMCs with pedestrians (adults vs. kids), bikes, buses (metro vs. school), and heavy trucks. Mr. Deal is responsible for the successful execution of all aspects of this contract.		
05/05 - Present	City of Sacramento On-Call Traffic Data Collection: Mr. Deal, Project Manager, manages annual traffic counts consisting of approximately 60 TMCs and 300 ATR Speed counts. Mr. Deal is responsible for the successful execution of all aspects of this contract.		
07/18 - Present	City of Rancho Cordova On-Call Traffic Data Collection: Mr. Deal, Project Manager, manages annual traffic counts consisting of approximately 1,000 ATR counts, 600 TMCs, and 100 pedestrian/bicycle screenline and jaywalking counts. Mr. Deal is responsible for the successful execution of all aspects of this contract.		

07/22 – 11/22	I-10 Calcasieu River Bridge P3, Sub to WSP, Lake Charles, LA: Mr. Deal, Project Manager, managed efforts on two separate occasions for 54 7-day classification mainline and ramp counts. Mr. Deal was responsible for the successful execution of all aspects of this project.
11/22 – 12/22	St. Bernard Parish- Bridge ADT, Sub to Vectura, Chalmette, LA: Mr. Deal, Project Manager, managed efforts for 21 7-day volume machine counts. Mr. Deal was responsible for the successful execution of all aspects of this project.
12/22 – 12/22	Iowa, LA Traffic Counts, Sub to Neel-Schaffer, Iowa, LA: Mr. Deal, Project Manager, managed efforts for 28 48hr classification machine counts, 3 7-day classification machine counts, 17 6hr turning movement counts with heavy vehicles (FHWA 4+), and 30 15min AM/PM driveway counts with heavy vehicles (FHWA 4+). Mr. Deal was responsible for the successful execution of all aspects of this project.
09/22 – 01/23	LA 30 Traffic Study, Sub to Arcadis, Gonzales, LA: Mr. Deal, Project Manager, managed efforts for 3 7-day classification machine counts; 53 48hr classification machine counts; 1 48hr classification count via camera; 17 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand; 114 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys. Mr. Deal was responsible for the successful execution of all aspects of this project.
11/22 – 02/23	Airline Hwy Baton Rouge, Sub to Gresham Smith, Baton Rouge, LA: Mr. Deal, Project Manager, managed efforts for 32 48hr classification machine counts, 150 15min AM/PM driveway counts, and 2 radar spot-speed surveys. Mr. Deal was responsible for the successful execution of all aspects of this project.
01/22 – 04/22	Walker Data Collection, Sub to Urban Systems, Walker, LA: Mr. Deal, Project Manager, managed efforts for 2 7-day classification machine counts; 16 48hr classification machine counts; 1 48hr classification count via camera; 12 4hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand; and 66 driveway counts. Mr. Deal was responsible for the successful execution of all aspects of this project.
08/22 – 11/22	Contract No. 44-18271; to No. H.014746.1, Sub to Neel-Schaffer, Baton Rouge, LA: Mr. Deal, Project Manager, managed efforts for 4 7-day classification machine counts; 23 48hr classification machine counts; 2 48hr classification counts via camera; and 24 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13). Mr. Deal was responsible for the successful execution of all aspects of this project.
11/21 – 12/21	US 190 Mandeville, Sub to Neel-Schaffer, Mandeville, LA: Mr. Deal, Project Manager, managed efforts for 29 48hr classification machine counts; 20 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), heavy trucks (FHWA 4+), and RTOR; 94 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3) and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys. Mr. Deal was responsible for the successful execution of all aspects of this project.

(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 should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by National Data & Surveying Services			
Name	Gustavo Clavijo		Years of relevant experience with this employer
Title	South Central Regional Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 2011 / Business Administration	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Project Coordinator / Mr. Clavijo will be the direct contact for all DOTD needs. Mr. Clavijo will manage scheduling, monitor data submission, coordinate with our analyst team, and ensure timely deliveries to the DOTD. Mr. Clavijo will also contribute to the field data collection efforts as needed. Mr. Clavijo's expertise includes field operations, project coordination, and study development. For over 8 years he managed the largest team of data collectors companywide from NDS' corporate office in Los Angeles, CA before opening our Louisiana office in 2019. He has successfully managed thousands of turning movement counts, pedestrian and bicyclist counts, machine counts, and has also assisted in the successful coordination and collection of hundreds of specialized studies.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).		
07/22 – 11/22	I-10 Calcasieu River Bridge P3, Sub to WSP, Lake Charles, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts on two separate occasions for 54 7-day classification mainline and ramp counts. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.		
11/22 – 12/22	St. Bernard Parish- Bridge ADT, Sub to Vectura, Chalmette, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 21 7-day volume machine counts. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.		
12/22 – 12/22	Iowa, LA Traffic Counts, Sub to Neel-Schaffer, Iowa, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 28 48hr classification machine counts, 3 7-day classification machine counts, 17 6hr turning movement counts with heavy vehicles (FHWA 4+), and 30 15min AM/PM driveway counts with heavy vehicles (FHWA 4+). Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.		
09/22 – 01/23	LA 30 Traffic Study, Sub to Arcadis, Gonzales, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 3 7-day classification machine counts; 53 48hr classification machine counts; 1 48hr classification count via camera; 17 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand; 114 15min AM/PM driveway counts with passenger vehicles (FHWA		

	1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.
11/22 – 02/23	Airline Hwy Baton Rouge, Sub to Gresham Smith, Baton Rouge, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 32 48hr classification machine counts, 150 15min AM/PM driveway counts, and 2 radar spot-speed surveys. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.
01/22 – 04/22	Walker Data Collection, Sub to Urban Systems, Walker, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 2 7-day classification machine counts; 16 48hr classification machine counts; 1 48hr classification count via camera; 12 4hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand; and 66 driveway counts. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.
08/22 – 11/22	Contract No. 44-18271; to No. H.014746.1, Sub to Neel-Schaffer, Baton Rouge, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 4 7-day classification machine counts; 23 48hr classification machine counts; 2 48hr classification counts via camera; and 24 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13). Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.
11/21 – 12/21	US 190 Mandeville, Sub to Neel-Schaffer, Mandeville, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 29 48hr classification machine counts; 20 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), heavy trucks (FHWA 4+), and RTOR; 94 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3) and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.
03/21 – 04/21	College Drive Counts, Sub to Vectura Consulting Services, Baton Rouge, LA: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for 32 48hr classification machine counts; 12 8hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), and heavy trucks (FHWA 4+); and 91 15min AM/PM driveway counts. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.
07/14 – 01/19	LADOT On-Call Traffic Data Collection: Mr. Clavijo, Project Coordinator, directly scheduled and managed the field collection efforts for annual traffic counts consisting of 2,000 ATR counts, 51 pedestrian/bicycle screenline counts, 500 pedestrian studies, and 1,000 TMCs with pedestrians (adults vs. kids), bikes, buses (metro vs. school), and heavy trucks. Mr. Clavijo ensured that all collection efforts were completed within budget and on schedule.

(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 should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by National Data & Surveying Services			
Name	Tyler Shaw		Years of relevant experience with this employer
Title	Assistant Operations Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 2006 / Geography		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Operations Manager / Mr. Shaw directly oversees all field operations while also contributing to the field collection efforts. An expert at all data collection methodologies used throughout Louisiana, Mr. Shaw is responsible for managing, training, and auditing all field personnel. His active field presence ensures that all safety, data collection, and reporting requirements are consistently met.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).		
07/22 – 11/22	I-10 Calcasieu River Bridge P3, Sub to WSP, Lake Charles, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts on two separate occasions for 54 7-day classification mainline and ramp counts.		
11/22 – 12/22	St. Bernard Parish- Bridge ADT, Sub to Vectura, Chalmette, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts for 21 7-day volume machine counts.		
12/22 – 12/22	Iowa, LA Traffic Counts, Sub to Neel-Schaffer, Iowa, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts for 28 48hr classification machine counts, 3 7-day classification machine counts, 17 6hr turning movement counts with heavy vehicles (FHWA 4+), and 30 15min AM/PM driveway counts with heavy vehicles (FHWA 4+).		
09/22 – 01/23	LA 30 Traffic Study, Sub to Arcadis, Gonzales, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts for 3 7-day classification machine counts; 53 48hr classification machine counts; 1 48hr classification count via camera; 17 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand; 114 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys.		
11/22 – 02/23	Airline Hwy Baton Rouge, Sub to Gresham Smith, Baton Rouge, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts for 32 48hr classification machine counts, 150 15min AM/PM driveway counts, and 2 radar spot-speed surveys.		
01/22 – 04/22	Walker Data Collection, Sub to Urban Systems, Walker, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts for 2 7-day classification machine counts; 16 48hr classification machine counts; 1		

	48hr classification count via camera; 12 4hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand; and 66 driveway counts.
08/22 – 11/22	Contract No. 44-18271; to No. H.014746.1, Sub to Neel-Schaffer, Baton Rouge, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts for 4 7-day classification machine counts; 23 48hr classification machine counts; 2 48hr classification counts via camera; and 24 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13).
11/21 – 12/21	US 190 Mandeville, Sub to Neel-Schaffer, Mandeville, LA: Mr. Shaw, Operations Manager, directly oversaw and contributed to the field collection efforts for 29 48hr classification machine counts; 20 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), heavy trucks (FHWA 4+), and RTOR; 94 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3) and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys.
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Firm employed by National Data & Surveying Services			
Name	Anthony Truong		Years of relevant experience with this employer
Title	Senior Data Analyst		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 2010 / Finance, Marketing		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Lead Data Analyst / Mr. Truong ensures that data quality and data deliveries consistently meet project expectations. Mr. Truong is responsible for overseeing the auditing, processing, and analysis departments. These departments perform quality control, data preparation, and data delivery processes for the DOT. Anthony has managed the quality control and analysis of over 8,000 projects that consisted of over 20,000 turning movement counts, 15,000 automated traffic recorder counts, and over 4,000 other service types.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).		
01/21 - Present	NYSDOT Traffic Count Program: Mr. Truong, Lead Data Analyst, manages the quality control, processing, analysis, and delivery of annual traffic counts consisting of approximately 3,000 ATR Classification counts, 3,000 ATR Volume counts, 1,000 TMCs with pedestrians, bikes, buses, heavy trucks, and RTOR, as well as 100 Pedestrian and Bicycle counts.		
05/19 - Present	NYCDOT Citywide Data Collection, Tabulation and Analysis: Mr. Truong, Lead Data Analyst, manages the quality control, processing, analysis, and delivery of annual traffic counts consisting of approximately 3,200 ATR counts, 2,800 TMCs, 600 Pedestrian counts, 700 Bicycle counts, and 180 Spot Speed Radar counts.		
07/05 - Present	LADOT On-Call Traffic Data Collection: Mr. Truong, Lead Data Analyst, manages the quality control, processing, analysis, and delivery of annual traffic counts consisting of 2,000 ATR counts, 51 pedestrian/bicycle screenline counts, 500 pedestrian studies, and 1,000 TMCs with pedestrians (adults vs. kids), bikes, buses (metro vs. school), and heavy trucks.		
05/98 - Present	City of Sacramento On-Call Traffic Data Collection: Mr. Truong, Lead Data Analyst, manages the quality control, processing, analysis, and delivery of annual traffic counts consisting of approximately 60 TMCs and 300 ATR Speed counts.		
07/18 - Present	City of Rancho Cordova On-Call Traffic Data Collection: Mr. Truong, Lead Data Analyst, manages the quality control, processing, analysis, and delivery of annual traffic counts consisting of approximately 1,000 ATR counts, 600 TMCs, and 100 pedestrian/bicycle screenline and jaywalking counts.		
07/22 – 11/22	I-10 Calcasieu River Bridge P3, Sub to WSP, Lake Charles, LA: Mr. Truong, Lead Data Analyst, managed the quality control, processing, analysis, and delivery for 54 7-day classification mainline and ramp counts on two separate occasions.		

11/22 – 12/22	St. Bernard Parish- Bridge ADT, Sub to Vectura, Chalmette, LA: Mr. Truong, Lead Data Analyst, managed the quality control, processing, analysis, and delivery for 21 7-day volume machine counts.
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09/22 – 01/23	LA 30 Traffic Study, Sub to Arcadis, Gonzales, LA: Mr. Truong, Lead Data Analyst, managed the quality control, processing, analysis, and delivery for 3 7-day classification machine counts; 53 48hr classification machine counts; 1 48hr classification count via camera; 17 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand; 114 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys.
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08/22 – 11/22	Contract No. 44-18271; to No. H.014746.1, Sub to Neel-Schaffer, Baton Rouge, LA: Mr. Truong, Lead Data Analyst, managed the quality control, processing, analysis, and delivery for 4 7-day classification machine counts; 23 48hr classification machine counts; 2 48hr classification counts via camera; and 24 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13).
11/21 – 12/21	US 190 Mandeville, Sub to Neel-Schaffer, Mandeville, LA: Mr. Truong, Lead Data Analyst, managed the quality control, processing, analysis, and delivery for 29 48hr classification machine counts; 20 6hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), heavy trucks (FHWA 4+), and RTOR; 94 15min AM/PM driveway counts with passenger vehicles (FHWA 1-3) and heavy trucks (FHWA 8-13); and 2 radar spot-speed surveys.
03/21 – 04/21	College Drive Counts, Sub to Vectura Consulting Services, Baton Rouge, LA: Mr. Truong, Lead Data Analyst, managed the quality control, processing, analysis, and delivery for 32 48hr classification machine counts; 12 8hr turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), and heavy trucks (FHWA 4+); and 91 15min AM/PM driveway counts.

(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 should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by National Data & Surveying Services			
Name	Irina Skladman		Years of relevant experience with this employer
Title	Head of Accounting Department		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 1995 / Accounting in Manufacturing		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Invoicing/Accounting Manager / Ms. Skladman is responsible for the preparation and delivery of accurate, timely, and appropriately formatted invoices for NDS contracts throughout the nation. Ms. Skladman's experience ranges from simple line-item invoicing to several hundred-page invoices that include detailed payroll reports to support labor-hour breakdowns.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time-years of experience specified in the applicable MPR(s).		
01/21 - Present	NYSDOT Traffic Count Program: Ms. Skladman prepares bi-weekly invoices along with approval letters from NYSDOT to ensure the accuracy of the presented invoices.		
05/19 - Present	NYCDOT Citywide Data Collection, Tabulation and Analysis: Ms. Skladman prepares once a month invoices with timesheets, payroll journals and subcontractor's billing. Working with the contract quantities, making sure all the NYCDOT requirements are met.		
07/05 - Present	LADOT On-Call Traffic Data Collection: Ms. Skladman prepares invoices along with the full list of locations, making sure all the required LADOT information is there.		
05/05 - Present	City of Sacramento On-Call Traffic Data Collection: Ms. Skladman prepares invoices, double checks their accuracy and delivery via email.		
07/18 - Present	City of Rancho Cordova On-Call Traffic Data Collection: Ms. Skladman prepares invoices, double checks their accuracy and delivery via email.		
07/22 – 11/22	I-10 Calcasieu River Bridge P3, Sub to WSP, Lake Charles, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.		
11/22 – 12/22	St. Bernard Parish- Bridge ADT, Sub to Vectura, Chalmette, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.		
12/22 – 12/22	Iowa, LA Traffic Counts, Sub to Neel-Schaffer, Iowa, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.		

09/22 – 01/23	LA 30 Traffic Study, Sub to Arcadis, Gonzales, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.
11/22 – 02/23	Airline Hwy Baton Rouge, Sub to Gresham Smith, Baton Rouge, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.
01/22 – 04/22	Walker Data Collection, Sub to Urban Systems, Walker, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.
08/22 – 11/22	Contract No. 44-18271; to No. H.014746.1, Sub to Neel-Schaffer, Baton Rouge, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.
11/21 – 12/21	US 190 Mandeville, Sub to Neel-Schaffer, Mandeville, LA: Ms. Skladman prepared invoices, double checked their accuracy and delivery via email.

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	National Data & Surveying Services	Past Performance Evaluation Discipline(s)*	Data Collection
Project name	Traffic Count Collection Service	Firm responsibility (prime or sub?)	Prime
Project number	BA20-003	Owner's name	New York State Department of Transportation
Project location	New York State	Owner's Project Manager	Kurt Matias
Owner's address, phone, email	50 Wolf Road, POD 4-2 Albany, NY 12232 (518) 457-1965 kurt.matias@dot.ny.gov		
Services commenced by this firm (mm/yy)	03/21	Total consultant contract cost (\$1,000's)	1,100 Annually
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	N/A

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

NDS currently holds the New York State DOT contract for Zones A and E. NDS is responsible for the annual collection of approximately:

- 1-day, 50hr, 3-day, or 7-day Classification machine counts taken by lane
 - Zone A: 2,229 | Zone E: 1,037
- 3-day, or 7-day Volume machine counts
 - Zone A: 1,703 | Zone E: 1,083
- Turning movement counts with requirements that include RTOR, heavy trucks, pedestrians, bicycles, and buses
 - Zone A: 498 | Zone E: 414
- 3-day or 7-day Bicycle and/or Pedestrian counts
 - Zone A: 46 | Zone E: 46

FIRM MEMBERS INVOLVED

Kevin Deal – Project Manager
Anthony Truong – Lead Data Analyst

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	National Data & Surveying Services	Past Performance Evaluation Discipline(s)*	Data Collection
Project name	I-10 Calcasieu River Bridge P3	Firm responsibility (prime or sub?)	Sub
Project number	Unknown	Owner's name	WSP
Project location	Lake Charles, LA	Owner's Project Manager	Kia Mostaan
Owner's address, phone, email	3340 Peachtree Rd NE, #2400 Atlanta, GA 30326 (404) 364-2678 kia.mostaan@wsp.com		
Services commenced by this firm (mm/yy)	07/22	Total consultant contract cost (\$1,000's)	205
Services completed by this firm (mm/yy)	11/22	Cost of consultant services provided by this firm (\$1,000's)	205

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

NDS was contracted by WSP to collect:

- 17, 7-day Mainline classification counts via camera (FHWA 1-3, 4-7, 8-13)
- 6, 7-day Machine classification counts
- 17, 7-day Ramp classification counts via camera (FHWA 1-3, 4-7, 8-13)
- 14, 7-day Ramp machine classification counts

This effort was complete twice. Once from 7/22 to 8/22 and a second time from 10/22 to 11/22.

FIRM MEMBERS INVOLVED

Kevin Deal – Project Manager
Gustavo Clavijo – Project Coordinator
Tyler Shaw – Operations Manager
Anthony Truong – Lead Data Analyst

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	National Data & Surveying Services	Past Performance Evaluation Discipline(s)*	Data Collection
Project name	Iowa, LA Traffic Counts	Firm responsibility (prime or sub?)	Sub
Project number	Contract No. 44-18271; to No. H.014746.1	Owner's name	Neel-Schaffer, Inc
Project location	Iowa, LA	Owner's Project Manager	Nick Ferlito
Owner's address, phone, email	10000 Perkins Rowe Suite G360, Baton Rouge, LA 70810 (225) 614-2813 nick.ferlito@neel-schaffer.com		
Services commenced by this firm (mm/yy)	12/22	Total consultant contract cost (\$1,000's)	20
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)	20

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

NDS was contracted by Neel-Schaffer to collect:

- 28, 48hr Machine classification counts
- 3, 7-day Machine classification counts
- 17, 6hr Turning movement counts with heavy vehicles (FHWA 4+)
- 30, 15min AM & 15min PM Driveway counts with heavy vehicles (FHWA 4+)

FIRM MEMBERS INVOLVED

Kevin Deal – Project Manager
Gustavo Clavijo – Project Coordinator
Tyler Shaw – Operations Manager
Anthony Truong – Lead Data Analyst

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	National Data & Surveying Services		Past Performance Evaluation Discipline(s)*	Data Collection	
Project name	LA 30 Traffic Study			Firm responsibility (prime or sub?)	Sub
Project number	Unknown	Owner's name	Arcadis		
Project location	Gonzales, LA			Owner's Project Manager	Kester Hollier
Owner's address, phone, email	3850 N Causeway Blvd. Ste. 990 Metairie, LA 70002 (504) 343-9579 kester.hollier@arcadis.com				
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000's)			44
Services completed by this firm (mm/yy)	01/23	Cost of consultant services provided by this firm (\$1,000's)			44

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

NDS was contracted by Arcadis to collect:

- 3, 7-day machine classification counts
- 53, 48hr machine classification counts
- 1, 48hr classification count via camera
- 17, 6hr Turning movement counts with peds, bikes, passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), heavy trucks (FHWA 8-13), and unmet demand
- 114, 15min AM & 15min PM Driveways with passenger vehicles (FHWA 1-3), medium trucks (FHWA 4-7), and heavy trucks (FHWA 8-13)
- 2 Radar spot-speed surveys

FIRM MEMBERS INVOLVED

Kevin Deal – Project Manager
Gustavo Clavijo – Project Coordinator
Tyler Shaw – Operations Manager
Anthony Truong – Lead Data Analyst

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	National Data & Surveying Services	Past Performance Evaluation Discipline(s)*	Data Collection
Project name	Airline Hwy Baton Rouge	Firm responsibility (prime or sub?)	Sub
Project number	Unknown	Owner's name	Gresham Smith
Project location	Baton Rouge, LA	Owner's Project Manager	Rebecca L. Murray
Owner's address, phone, email	10000 Perkins Rowe, Suite 280 Baton Rouge, LA 70810 (225) 282-2104 rebecca.murray@greshamsmith.com		
Services commenced by this firm (mm/yy)	11/22	Total consultant contract cost (\$1,000's)	22
Services completed by this firm (mm/yy)	02/23	Cost of consultant services provided by this firm (\$1,000's)	22

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

NDS was contracted by Gresham Smith to collect:

- 32, 48hr Machine classification counts
- 150, 15min AM & 15min PM Driveway counts
- 2 Radar spot-speed surveys

FIRM MEMBERS INVOLVED

Kevin Deal – Project Manager
Gustavo Clavijo – Project Coordinator
Tyler Shaw – Operations Manager
Anthony Truong – Lead Data Analyst

18. Approach and Methodology:

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. **If more than four pages are included, all pages after the fourth page will not be evaluated.**

If the consultant has information it believes is proprietary, label it accordingly.

COUNT REQUEST MANAGEMENT

DOTD should expect quality driven comments and feedback throughout the assessment of each count request. Our team will:

- Review and verify the list of locations using Google Earth.
- Determine the most appropriate collection methodology, technology, and installation practice for each location.
- Notate all location details including any location-specific scheduling restrictions.
- Provide site-specific questions and recommendations to DOTD for review, discussion as needed, and approval.
- Prepare and submit an estimate for any project-specific or special project requests within 24 hours of the request to DOTD for review, modification as needed, and approval.
- Request and obtain the necessary permits. Notify appropriate DOTD personnel and relevant local agencies.
- Create final project documentation for use throughout the request life cycle, containing the specific details previously discussed.

SCHEDULE MANAGEMENT

The Project Coordinator – Gustavo Clavijo in close coordination with the Operations Manager – Tyler Shaw will be responsible for resource planning, project calendar management, permit confirmation, and deployment for all DOTD data collection needs. Planning is done as far in advance of the collection date as possible for project team coordination as well as preparation for equipment, staff, and work zone safety plans. Gustavo Clavijo will directly communicate with DOTD regarding scheduling planning and execution. Schedule planning involves site-specific work safety evaluations, review of planned roadwork within the collection area as provided by DOTD, assignment of work safety equipment, assignment of data collection equipment, assignment of project locations for data collection, and schedule routing.

Schedulers closely monitor weather conditions, school calendars, construction, and events to ensure strict adherence to the permissible days of collection. Unless specifically requested, NDS will ensure that data is not collected on days with forecasted extreme weather conditions; in the immediate aftermath of a natural or other disaster affecting area traffic flows; in close proximity of a city-designated holiday/major weekend holiday/extended weekend; on days where normal traffic patterns are affected by nearby projects or scheduled special events; and when the local school districts are not in regular session. NDS will clearly communicate to DOTD any conditions or circumstances that could negatively impact the data collection effort. Impacted locations will be placed on hold until further guidance is received from DOTD. Volume counts will be taken on the same week unless permission to collect otherwise is granted by DOTD. All turning

movement counts for the same intersection will occur on the same day. NDS will notify and attempt to resolve any private or public related concerns regarding data collection activity in a professional manner in coordination with DOTD.

DATA COLLECTION

NDS performs all tasks in accordance with the procedures and specifications identified in the ITE Manual of Transportation Engineering Studies, Manual of Uniform Traffic Control Devices, the FHWA Traffic Monitoring Guide, the Highway Capacity Manual, The Manual of Transportation Engineering Studies (2nd Edition), the DOTD Traffic Engineering Manual, and generally in accordance with sound traffic engineering principles. Data NDS will not enter private property without permission of the private property owner. All warrant analysis will be conducted according to MUTCD guidelines.

TURNING MOVEMENT COUNTS/UNMET DEMAND/DEMAND VOLUMES

NDS develops proprietary video camera systems for turning movement counts, pedestrians, bicycle, micromobility, and other non-motorized studies. NDS units contain the most technologically advanced hardware available for temporary data collection, featuring dual cameras connected to a single DVR for omnidirectional video capture. These systems are capable of recording for any duration of time and in extreme weather conditions. NDS cameras are built with industry leading low lux rated cameras sensors, allowing for visibility in **all lighting conditions**. These units are capable of capturing any size intersection, segment, or other points of observation through the use of one or more synced cameras. This includes small rural intersections, large multi-lane urban signalized intersections, small or large roundabouts, and intersections with cut-out movements such as slip ramps. Built-in and removable storage creates redundancy to prevent lost video footage throughout long duration studies. Standard video resolution offers clear and crisp video playback, especially in comparison to other well-known camera manufacturers in the industry. Additionally, NDS can modify the resolution, frame rate, and bit rate to meet the needs of extremely high-resolution projects. Cameras may also be used for volume/class segment counts, screenline counts, delay studies, gap studies, queue studies, and many more observation-based studies.

NDS does not use algorithmic video software for video reduction but has instead spent well over a decade building a human driven video team with various levels of quality control. Through numerous empirical studies, NDS has determined the accuracy of algorithmic video watching to be unpredictable, providing subpar accuracy. Occlusion, glare and congestion along with several limitations pertaining to FHWA classification groupings, general flexibility, and other observation-based studies reduce the quality of algorithmic data. In response to these deficiencies, NDS utilizes an in-house video reduction team along with a multi-stage QAQC process that consists of extremely detailed and tedious training protocols for all video watchers. Our video team is broken into two departments; the video review team and the video spot checking team. Details will be provided at the time of the quality control submission.

Vehicles are recorded by direction, classification, approach, and unique movement at the intersection. Bicycles behaving like vehicles will be counted by approach and by unique movement. Pedestrians will be counted by direction and by crosswalk (or crosswalk area). Bicycles behaving like pedestrians will be recorded by direction and by crosswalk (or crosswalk area). Data reduction for roundabouts will include origin-destination tracking for all legs and vehicles. Data reduction for all other intersection configurations and classifications are performed using standard counting methods that track the approach and departure for all classified items at each intersection. In addition to these methods, the video team submits an internal report detailing traffic conditions (incidents/accidents) and field observations to the NDS project team for review, communication as necessary with DOTD, and inclusion in the report.

TMC's will contain passenger vehicles, school buses, commercial vehicles, pedestrian, bicycles, and 15-minute queue counts estimated in feet. Demand volumes will be recorded when queuing occurs due to demand in excess of capacity and may be approximated by relating the departure count to the vehicles in queue.

AVERAGE DAILY TRAFFIC (ADT) COUNTS

NDS utilizes PicoCount machines, MetroCount machines, Jamar machines, or NDS camera units for volume or classification data collection.

NDS staff go through an extensive training process that includes safety training, various training manuals, field training, mock installations, peer review, and administrative review before they are cleared to work safely on a live project. Upon receipt of a request, NDS maps and reviews each site for optimal placements, assessing for the potential of congestion and to confirm that accurate data collection is possible. NDS may propose video recording if conditions exist that would prevent the accurate and successful collection of machine data. Considerations include the number of lanes, expected congestion, installation options, safety concerns, a lack of necessary infrastructure, and/or suboptimal site conditions.

ATR installations occur the day before the requested start date to ensure that data collection begins at midnight unless otherwise instructed. Locations that require multiple machines are collected concurrently. A pre-determined safety plan is executed upon both site arrival and departure. Machines are installed in free flow traffic conditions outside of auxiliary lane storage. Consideration is given to the type of street and surrounding land usage when choosing the equipment and method for installation. To achieve optimal conditions, equipment is installed as far away from intersections or ramp junctions as possible. For smaller segments, counters are installed midblock and may be staggered to produce the best results. To account for higher sensitivities typically present on residential street segments, NDS staff utilizes low-profile pneumatic tubing to complete installations during the daytime hours whenever possible.

If field staff conclude that accurate data collection is not possible at a site or that the site presents unacceptable risk, NDS management will be notified immediately. Management will re-assess the site and look for alternate ways to capture the information. Details surrounding the issue and NDS' proposed solution will be communicated to DOTD. In the event that a solution cannot be found, NDS will provide supporting documentation consisting of the identification of the location, a full description of the problem and a suggested alternate location if one exists on the same facility. NDS may also suggest an alternate technology as a means of resolution. In either case, NDS will wait for approval from DOTD before proceeding.

SPEED SURVEY COUNTS

NDS performs spot speed studies using certified Kustom Electronics Falcon and Road Runner hand-held radar guns along with NDS radar field templates.

Radar Speed Surveys are conducted in accordance with the Department of Motor Vehicle Regulations and the Manual on Uniform Traffic Control Devices (MUTCD). Collection sites are investigated in advance to identify conditions that would adversely affect data accuracy such as proximity to speed bumps, proximity to intersections, locations with steep grades, and any other conditions that could impact normal vehicle speeds. Surveys are not be conducted during inclement weather or when the roadway is wet. Surveys are not be conducted during atypical conditions such as road construction, detours, or traffic accidents.

A sample of 100 free-flowing passing cars will be selected with careful attention to ensure that the sample represents the entire traffic stream. In platoon flow, only the first vehicle in the platoon will be selected. All vehicles traveling at less than 40 mph and within 200 feet of the lead vehicle or more than 40 mph and less than 350 feet from the lead vehicle is considered to be in platoon. Field staff are trained to be inconspicuous so that driver behaviors are not affected by their presence. Deliverable statistics include 50th percentile, 85th percentile, 10mph pace, # in pace, percent in pace, % / # below pace, % / # above pace. Additional statistics can be added at no additional cost.

The delivery will include a map of the existing speed limit, the study location, and an 85th / 50th percentile location identifier in PDF format. Additionally, a motor vehicle tabulation form and a spot speed study cumulative frequency curve form showing vehicle speeds will be provided in PDF and Excel format.

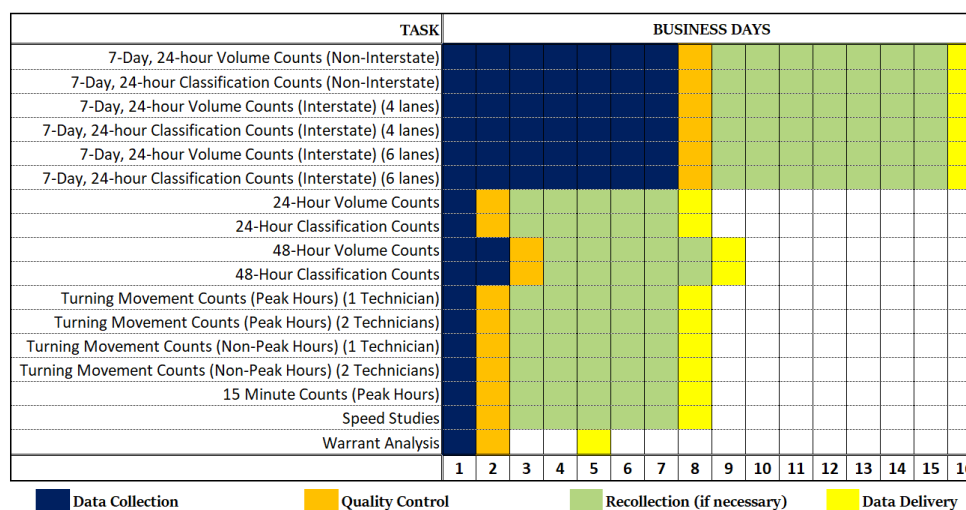
RE-COLLECTION

NDS is responsible for the accurate, complete, and successful collection of data. NDS will perform a thorough quality control process of all counts in addition to the review conducted by DOTD. Should recollection be needed for any reason determined by NDS or DOTD, NDS will reschedule the counts promptly and at no cost to DOTD.

SAMPLE SCHEDULE

The timelines provided below represent small to medium sized projects containing less than 50 count locations. Larger requests require timeline discussions.

- Response to DOTD Request: 24 hours
- Deployment Timeline: 0 – 2 weeks
- Quality Control and Data Delivery: 0 – 2 weeks after the last date of collection
- Recollection: 0 – 1 week as needed



DATA PREPARATION AND SUBMITTAL

The NDS processing and analyst department will collect, consolidate, format, and prepare the final delivery to DOTD within an aggressive pre-communicated and agreed upon time period based on the size, complexity, and length of the collection effort. Unless otherwise agreed upon with the DOTD, data will be delivered within ten (10) working days after the final date of collection.

In addition to Excel w/related summaries, PDF, manual count diagrams, and ProjectWise, NDS can conform to all DOTD Software and Deliverable Standards. NDS can also customize all deliverables at no cost to DOTD to include additional statistics, modified layouts, or anything else that may streamline DOTD data handling and review times. Video can be made available to DOTD through NDS secure servers at no additional cost.

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	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
N/A				

(Add rows as needed)

DO NOT SUM

* The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE.** LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

20. Certifications/Licenses:

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

21. QA/QC Plan:

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 as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement 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 advertisement.**

NDS DBE GOOD FAITH EFFORTS

NDS contacted Vectura Consulting Services, LLC to contribute with data collection quality control. This effort was unsuccessful.