REQUEST FOR RESEARCH PROPOSAL REGISTRATION
**********************************************************************
PLEASE COMPLETE AND RETURN THIS FORM ASAP
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RFRP Number: RFRP-14/15-003

Title: Bridge Girder Alternatives for Extremely Aggressive Environments

Proposal Due Date & Time (On or Before): May 14, 2015 at 2:00 PM

Potential proposers should notify our office by returning this Registration Form as soon as possible after downloading. Complete the information below and return this sheet only to patti.brannon@dot.state.fl.us

THE REQUEST FOR RESEARCH PROPOSAL DOCUMENT YOU RECEIVED IS SUBJECT TO CHANGE. Notice of changes (addenda), will be posted on the Research Center’s website at http://www.dot.state.fl.us/research-center/RFRPs.shtm under this RFRP number. It is the responsibility of all potential proposers to monitor this site for any changing information prior to submitting your proposal.

University Name:_____________________________________________________

Address:_____________________________________________________________

City, State, Zip:_______________________________________________________

Telephone: ( ) ______________ Fax Number: ( ) ______________

Contact Person:_______________________________________________________

E-Mail Address:_______________________________________________________

For further information on this process, you may e-mail or telephone: Patti Brannon, patti.brannon@dot.state.fl.us or (850) 414-4616.
INSERT "PRICE PROPOSAL" FORM
With the following Notes and Acknowledgement on the bottom of the form.

Task 1 Deliverable – Literature Review  $Lump Sum Amount
Task 2 Deliverable – Ideas and Concepts  $Lump Sum Amount
Task 3 Deliverable – Final Report  $Lump Sum Amount
Travel and Indirect Cost on Travel  $Maximum Amount

The total lump sum amount per task shall include cost of salaries, overhead, fringe benefits, indirect cost, and expenses. Travel and Indirect Cost on Travel shall be identified as a separate item, if applicable. All travel shall be in accordance with Section 112.061 Florida Statutes.

The Proposer shall attach a detailed budget to support the lump sum amount identified per task.

The Indirect Cost Rate on this project is limited to 10%.

NOTE: In submitting a response, the proposer acknowledges they have read and agree to the solicitation terms and conditions and their submission is made in conformance with those terms and conditions.

ACKNOWLEDGEMENT: I certify that I have read and agree to abide by all terms and conditions of this solicitation and that I am authorized to sign for the proposer. I certify that the response submitted is made in conformance with all requirements of the solicitation.

Proposer: ____________________________ FEID # ____________________________
Address: ____________________________ City, State, Zip ____________________________
Authorized Signature: ____________________________ Date: ____________________________
Printed / Typed: ____________________________ Title: ____________________________
REQUEST FOR RESEARCH PROPOSAL

Bridge Girder Alternatives for Extremely Aggressive Environments

RFRP-14/15-003

CONTACT FOR QUESTIONS:

Patti Brannon, Research Center
605 Suwannee Street, MS 30
Tallahassee, FL 32399-0450
850-414-4616
patti.brannon@dot.state.fl.us
INTRODUCTION SECTION

1) INVITATION

The State of Florida Department of Transportation, Research Center, hereinafter referred to as the “Department”, requests written proposals from qualified Universities to develop a non-proprietary FRP or hybrid-FRP bridge girder that can utilize a standard design methodology and be utilized on short to medium span bridges in an aggressive environment. It is anticipated that the term of the contract will begin upon execution of a task work order and be effective for a period to be determined by proposer.

The Research Center intends to award this contract to the responsive and responsible university whose proposal is determined to be the most advantageous to the Department. For the purpose of this document, the term "Proposer" means the prime university acting on its own behalf and those individuals, partnerships, firms, or corporations comprising the Proposer team. The term "proposal" means the complete response of the Proposer to the Request for Research Proposals (RFRP), including properly completed forms and supporting documentation.

2) TIMELINE

Provided below is a list of critical dates and actions. These dates are subject to change. Notices of changes (addenda) will be posted on the Research Center’s website at http://www.dot.state.fl.us/research-center/RFRPs.shtml under this RFRP number. It is the responsibility of all potential proposers to monitor this site for any changing information prior to submitting your proposal.

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3) AGENDA FOR PUBLIC MEETINGS

Agenda – Price Proposal Opening & Intended Award Meeting
Agenda for Price Proposal Opening and Intended Award meeting for RFRP-14/15-003:
Starting Time: see “Timeline” in RFRP solicitation
- Opening remarks of approx. 2 minutes by the Research Center
- Public input period – To allow a maximum of 15 minutes total for public input related to the RFRP solicitation.
- At conclusion of public input or 15 minutes, whichever occurs first, the technical evaluation scores will be summarized.
- Announce the universities that did not achieve the minimum technical score.
- Announce the universities that achieved the minimum technical score and their price(s) as price proposals are opened.
- Calculate price scores and add to technical scores to arrive at total scores.
- Announce Proposer with highest Total Score as Intended Award.
- Announce time and date the decision will be posted on the Research Center website.
- Adjourn.

4) SPECIAL ACCOMMODATIONS

Any person with a qualified disability requiring special accommodations at a pre-proposal conference, public meeting, oral presentation and/or opening shall contact the contact person at the phone number, e-mail address or fax number provided on the title page at least five (5) working days prior to the event. If you are hearing or speech impaired, please contact this office by using the Florida Relay Services which can be reached at 1 (800) 955-8771 (TDD).

SPECIAL CONDITIONS

1) QUESTIONS & ANSWERS

In accordance with section 287.057(23), Florida Statutes, respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.

Any technical questions arising from this Request for Research Proposal must be forwarded, in writing, to patti.brannon@dot.state.fl.us Questions must be received no later than the time and date reflected on the Timeline. The Research Center’s written response to written inquiries submitted timely by proposers will be posted on the Research Center’s website at http://www.dot.state.fl.us/research-center/RFRPs.shtm under this RFRP number. It is the responsibility of all potential proposers to monitor this site for any changing information prior to submitting their proposal.

WRITTEN TECHNICAL QUESTIONS should be submitted to:
Patti Brannon, 605 Suwannee Street, MS 30, Tallahassee, FL 32399-0450 or via email at patti.brannon@dot.state.fl.us

Questions regarding administrative aspects of the proposal process should be directed to Patti Brannon in writing at the address above or by phone at (850) 414-4616.

2) ORAL INSTRUCTIONS / CHANGES TO THE REQUEST FOR RESEARCH PROPOSAL (ADDENDA)

No negotiations, decisions, or actions will be initiated or executed by a proposer as a result of any oral discussions with a State employee. Only those communications which are in writing from the Department will be considered as a duly authorized expression on behalf of the Department.

Notices of changes (addenda) will be posted on the Research Center’s website at http://www.dot.state.fl.us/research-center under this RFRP number. It is the responsibility of all potential proposers to monitor this site for any changing information prior to submitting your proposal.
3) **SCOPE OF SERVICES**

Details of the services, information and items to be furnished by the University are described in Exhibit "A", Scope of Services, attached hereto and made a part hereof.

4) **INTENDED AWARD**

The Research Center intends to award a contract to the responsive and responsible university with the highest cumulative total points for the evaluation criteria specified herein (See Section 15, Proposal Evaluation). The Intended Award decision will be announced after final evaluation and totaling of scores at the Price Proposal opening specified in the Timeline (See Introduction Section 2 Timeline). If the Research Center is confronted with identical pricing or scoring from multiple vendors, the Research Center shall determine the order of award in accordance with section 295.187(4), Florida Statutes, and Rule 60A-1.011 Florida Administrative Code.

5) **PRE-PROPOSAL CONFERENCE**

There is no pre-proposal teleconference scheduled for this project.

6) **QUALIFICATIONS**

6.1 General

The Research Center will determine whether the Proposer is qualified to perform the services being contracted based upon their proposal demonstrating satisfactory experience and capability in the work area. The Proposer shall identify necessary experienced personnel and facilities to support the activities associated with this proposal.

6.2 Qualifications of Key Personnel

Those individuals who will be directly involved in the project should have demonstrated experience in the areas delineated in the scope of work. Individuals whose qualifications are presented will be committed to the project for its duration unless otherwise accepted by the Department's Research Center.

7) **METHOD OF COMPENSATION**

For the satisfactory performance of these services the University shall be paid as described in the attached Exhibit B, Method of Compensation.

8) **CONTRACT DOCUMENT**

The Master University Agreement will serve as the contracting document. The Research Center will issue a Task Work Order to the University receiving the award.

9) **REVIEW OF PROPOSER'S FACILITIES & QUALIFICATIONS**

After the proposal due date and prior to contract execution, the Research Center reserves the right to perform or have performed an on-site review of the Proposer's facilities and qualifications. This review will serve to verify data and representations submitted by the Proposer and may be used to determine whether the Proposer has an adequate, qualified, and experienced staff, and can provide overall management facilities.

Should the Research Center determine that the proposal has material misrepresentations or that the size or nature of the Proposer's facilities or the number of experienced personnel (including technical staff) are not adequate to ensure satisfactory contract performance, the Research Center has the right to reject the proposal.
10) RESPONSIVENESS OF PROPOSALS

10.1 Responsiveness of Proposals

Proposals will not be considered if not received by the Research Center on or before the date and time specified as the due date for submission. All proposals must be typed or printed in ink. A responsive proposal is an offer to perform the scope of services called for in this Request for Research Proposal in accordance with all requirements of this Request for Research Proposal and receiving seventy (70) points or more on the Technical Proposal. Proposals found to be non-responsive shall not be considered. Proposals may be rejected if found to be irregular or not in conformance with the requirements and instructions herein contained. A proposal may be found to be irregular or non-responsive by reasons that include, but are not limited to, failure to utilize or complete prescribed forms, conditional proposals, incomplete proposals, indefinite or ambiguous proposals, and improper and/or undated signatures.

10.2 Multiple Proposals

Proposals may be rejected if more than one proposal is received from a University. Such duplicate interest may cause the rejection of all proposals in which such University has participated. Subcontractors may appear in more than one proposal.

10.3 Other Conditions

Other conditions which may cause rejection of proposals include, but are not limited to, evidence of collusion among Proposers, obvious lack of experience or expertise to perform the required work, failure to perform or meet financial obligations on previous contracts. Proposers whose proposals, past performance, or current status do not reflect the capability, integrity, or reliability to fully and in good faith perform the requirements of the Contract may be rejected as non-responsible. The Research Center reserves the right to determine which proposals meet the requirements of this solicitation, and which Proposers are responsive and responsible.

11) PROPOSAL FORMAT INSTRUCTIONS

11.1 General Information

This section contains instructions that describe the required format for the proposal. All proposals submitted shall contain two parts and be marked as follows:

PART I TECHNICAL PROPOSAL NUMBER _RFRP-14/15-003_
(One Separately Sealed Package for Technical)

PART II PRICE PROPOSAL NUMBER _RFRP-14/15-003_
(One Separately Sealed Package for Prices)

THE SEPARATELY SEALED PACKAGES MAY BE MAILED TOGETHER IN ONE ENVELOPE OR BOX.

11.2 Technical Proposal (Part I) (4 copies)
(Do not include price information in Part I)

The Proposer must submit one (1) original and (3) copies of the technical proposal which are to be divided into the sections described below. Since the Research Center will expect all technical proposals to be in this format, failure of the Proposer to follow this outline may result in the rejection of the proposal. The technical proposal must be submitted in a separate sealed package marked "TECHNICAL PROPOSAL NUMBER RFRP-14/15-003".
1. TECHNICAL PLAN

The Proposer must demonstrate a solid knowledge of the problem and its background. The technical plan should not be a duplication of the RFRP. A scientific and practical approach to the resolution of the problem should include analytical procedures, knowledge accumulation (research), cooperative features and innovative concepts. The Proposer should explain the approach and means to be used in accomplishing the tasks and where difficulties may be anticipated and resolved.

2. MANAGEMENT PLAN

The Proposer shall include a description of the organizational structure, management style, the methodology to be used to control service reliability and to maintain schedules; as well as the means of coordination and communication between the organization and the Department. The Proposer should provide the names of key personnel on the Proposer’s team, as well as a resume for each individual proposed and a description of the functions and responsibilities of each key person relative to the task to be performed. The approximate percent of time to be devoted exclusively for the project and to the assigned tasks should also be indicated. The Proposer should explain the capabilities and resources available (for example, analysis software) to be used in accomplishing the tasks.

3. WORK PLAN

The Proposal shall provide a plan which sets forth on an average the estimated staff-hours and a timeline for the deliverable submittal.

11.3 Price Proposal (Part II)  (2 copies)

The price proposal information is to be submitted in a separate sealed package marked “PRICE PROPOSAL NUMBER RFRP-14/15-003”. The Price Proposal information shall be submitted on the forms provided in the Request for Proposal.

11.4 Presenting the Proposal

The proposal shall be limited to a page size of eight and one-half by eleven inches (8½" x 11”). Foldout pages may be used, where appropriate, but should not exceed five (5) percent of the total number of pages comprising the proposal. Type size shall not be less than 10 point font. The proposals should be indexed and all pages sequentially numbered. Bindings and covers will be at the Proposer’s discretion.

Unnecessarily elaborate special brochures, art work, expensive paper and expensive visual and other presentation aids are neither necessary nor desired.

It is recognized that existing financial reports, documents, or brochures, such as those that delineate the Proposer’s general capabilities and experience, may not comply with the prescribed format. It is not the intent to have these documents reformatted and they will be acceptable in their existing form.

12) COSTS INCURRED IN RESPONDING

This Request for Research Proposal does not commit the Department or any other public agency to pay any costs incurred by an individual firm, partnership, or corporation in the submission of a proposal or to make necessary studies or designs for the preparation thereof, nor to procure or contract for any articles or services.
It is the proposer's responsibility to assure that the proposal (Technical and Price proposal) is delivered to the proper place **on or before** the Proposal Due date and time (See Introduction Section 2 Timeline). Proposals which for any reason are not so delivered will not be considered.

By submitting a proposal, the Proposer represents that it understands and accepts the terms and conditions to be met and the character, quality and scope of services to be provided.

All proposals and associated forms shall be signed and dated in ink by a duly authorized representative of the Proposer.

Each Proposer shall fully acquaint itself with the conditions relating to the performance of the services under the conditions of this Request for Research Proposal. This may require an on-site observation.

**MODIFICATIONS, RESUBMITTAL AND WITHDRAWAL**

Proposers may modify submitted proposals at any time prior to the proposal due date. Requests for modification of a submitted proposal shall be in writing and must be signed by an authorized signatory of the proposer. Upon receipt and acceptance of such a request, the entire proposal will be returned to the proposer and not considered unless resubmitted by the due date and time. Proposers may also send a change in a sealed envelope to be opened at the same time as the proposal. The RFRP number, due date and time should appear on the envelope of the modified proposal.

**PROPOSAL OPENING**

All proposal openings are open to the public. Technical Proposals will be opened by the Department at the date, time and location in the Timeline (See Section 2 Timeline). Price Proposals, which have a corresponding responsive Technical Proposal, will be opened by the Department at the date, time and location in the Timeline (See Section 2 Timeline).

**PROPOSAL EVALUATION**

16.1 Evaluation Process:

A Technical Review team will be established to review and evaluate each proposal submitted in response to this Request for Research Proposal (RFRP). The Technical Review team will be comprised of at least three persons with background, experience, and/or professional credentials in relative service areas.

The Research Center will distribute to each member of the Technical Review team a copy of each technical proposal. The Technical Review team members will independently evaluate the proposals on the criteria and point system established in the section below entitled "Criteria for Evaluation" in order to assure that proposals are uniformly rated. The independent evaluations will be sent to the Research Center and averaged for each vendor. Proposing firms must attain an average score of seventy (70) points or higher on the Technical Proposal to be considered responsive. Should a Proposer receive fewer than seventy (70) points for their average Technical Proposal score, the Price Proposal will not be opened.

During the process of evaluation, the Research Center will conduct examinations of proposals for responsiveness to requirements of the RFRP. Those determined to be non-responsive will be...
automatically rejected.

16.2 **Price Proposal**

The Proposer shall complete the Price Proposal form and submit as part of the Price Proposal Package. Any proposal in which this form is not used or in which the form is improperly executed may be considered non-responsive and the proposal will be subject to rejection. The vendor's completed form shall become a part of the contract upon award of the contract.

The Research Center will open Price Proposals in accordance with Section 15, Proposal Openings. The Research Center and/or the Project Manager/Technical Review team will review and evaluate the price proposals and prepare a summary of its price evaluation. The Research Center and/or the Project Manager/Technical Review team will assign points based on price evaluation criteria identified herein.

16.3 **Criteria for Evaluation**

Proposals will be evaluated and graded in accordance with the criteria detailed below.

a. **Technical Proposal** (100 Points)

   Technical evaluation is the process of reviewing the Proposer’s response to evaluate the experience, qualifications, and capabilities of the proposers to provide the desired services and assure a quality product.

   The following point system is established for scoring the technical proposals:

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b. **Price Proposal** (5 Points)

   Price evaluation is the process of examining a prospective price without evaluation of the separate cost elements and proposed profit of the potential provider. Price analysis is conducted through the comparison of price quotations submitted.

   The criteria for price evaluation shall be based upon the following formula:

   \[
   \frac{\text{Low Price}}{\text{Proposer's Price}} \times \text{Price Points} = \text{Proposer's Awarded Points}
   \]

17) **POSTING OF INTENDED DECISION/AWARD**

17.1 **Intended Decision/Award**

The Research Center's decision will be posted on the Research Center's website, at http://www.dot.state.fl.us/research-center/RFRPs.shtm on date and time in the Timeline, and will remain posted for a period of seventy-two (72) hours. Any proposer who is adversely affected by the Research Center’s recommended award or intended decision must file the following with the Department of Transportation, Clerk of Agency Proceedings, Office of the General Counsel, 605 Suwannee Street, Mail Station 58, Tallahassee, Florida 32399-0450:

A written notice of protest within seventy-two (72) hours after posting of the Intended Award, (the notice of protest may be Faxed to 850-414-5264), and
A formal written protest and protest bond in compliance with Section 120.57(3), Florida Statutes, within ten (10) days of the date on which the written notice of protest is filed. At the time of filing the formal written protest, a bond (a cashier’s check or money order may be accepted) payable to the Department must also be submitted in an amount equal to one percent (1%) of the estimated contract amount based on the contract price submitted by the protestor.

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

17.2 Inability to Post

If the Research Center is unable to post as defined above, the Research Center will notify all proposers by electronic notification on the Research Center’s website at http://www.dot.state.fl.us/research-center/RFRPs.shtm. The Research Center will provide notification of any future posting in a timely manner.

17.3 Request to Withdraw Proposal

Requests for withdrawal will be considered if received by the Research Center, in writing, within seventy-two (72) hours after the price proposal opening time and date. Requests received in accordance with this provision will be granted by the Research Center upon proof of the impossibility to perform based upon obvious error on the part of the proposer.

18) AWARD OF THE CONTRACT

Services will be authorized to begin when the University receives the following document(s), appropriate, indicating the encumbrance of funds and award of the contract:

The Research Center will issue a Task Work Order from the Master University Agreement to the University receiving the award.
Exhibit A – Scope of Service

Bridge Girder Alternatives for Extremely Aggressive Environments

Statement of Need and Background

The vast length of coastline around Florida, where most Floridians and tourists live and play, is an extremely aggressive environment for bridges. However, this is where many bridges are needed and are located to serve the communities. Current methods utilized by FDOT to protect the bridges from the aggressive environment include but are not limited to, raising the superstructure, increasing concrete cover, and improving the concrete mix design. Raising the superstructure is a practice that is not always an option given the geographic location or other reasons. Increasing the concrete cover results in excess materials that increases weight and underutilizes the effectiveness of the reinforcement. Improving the concrete mix design can be costly and to some degree limited. In any case, the aggressive environment leaves our structures vulnerable to durability issues related to corrosion.

The enhancements that have occurred with FRP (Fiber Reinforced Polymer) composites over the years, both manufacturing and material, have shown promise for use in the transportation infrastructure. FRP composites have been utilized as stand-alone systems in bridge structures; however, most systems are proprietary. The focus of this research is to develop a non-proprietary FRP or hybrid-FRP bridge girder that can utilize a standard design methodology and be utilized on short to medium span bridges in an aggressive environment.

Objectives and Supporting Tasks

The objective of this research is to identify or develop non-proprietary bridge girder design alternatives that utilize FRP or FRP components, rank the designs for viability, and further develop selected alternatives. The alternatives shall be designed for extremely aggressive environments. The alternatives should have the ability to be utilized on 30 ft. to 75 ft. bridge spans and should have a design methodology that can be utilized by any designer. The methodology shall encompass all design aspects which include global and local design, connection design between girder and deck, and bearing design. The girder, including connections, shall withstand all applicable AASHTO LRFD loading criteria. Each individual component of the girder shall have the ability to be manufactured by multiple vendors/contractors and possibly multiple methodologies. The proposed girder must be adaptable to current bridge elements such as a concrete deck and elastomeric bearings. Emphasis on constructability/field installation shall be given a high priority. Lastly, consideration shall be given for maintenance accessibility, service life (75 years), and cost effectiveness.

Anticipated Tasks

Kickoff Meeting – The University will schedule a kickoff teleconference that shall be held within the first 30 days of execution. The project manager, principal investigator, and research performance coordinator will attend. The purpose of the meeting is to review the tasks and deliverables.

Task 1 – Perform an extensive literature search on FRP and hybrid-FRP structural systems. Review existing bridge systems/projects that have utilized FRP and hybrid-FRP girders, FRP components, and/or FRP reinforced concrete components in new construction. Review components or systems that could be utilized in the proposed bridge girder. Assess the state of development and/or condition state, if used in a bridge system, of the existing systems and/or components through reports and owner contact. Investigate the design and construction methodologies.

Task 1 Deliverable - Upon completion of Task 1, the university will submit to the research.center@dot.state.fl.us a report that includes the findings of the literature search along with a survey and status of existing projects or bridges.
Task 2 – Conceptually and analytically develop ideas and concepts of viable non-proprietary bridge girder alternatives for use in extremely aggressive environments. Perform a ranking analysis of the alternatives to rate viability. The ranking should be based on, but not limited to, the design process, constructability, material, maintenance, service life, cost and FDOT project manager coordination. Develop further and structurally analyze selected bridge girders of the three most viable alternatives.

Task 2 Deliverable – Upon completion of Task 2, the university will submit to the research.center@dot.state.fl.us a report that discusses in detail the developed ideas and concepts considered. The report shall include both drawings and details of each viable alternative and include pros and cons for each concept. The pros and cons shall incorporate all aspects considered in the ranking including design, construction, material, maintenance, service life, and cost. The report shall include discussion and results of the structural analysis of the top three alternatives.

Task 3 – Draft and Final Reports

Ninety (90) days prior to the end date of the task work order, the university will submit to the research.center@dot.state.fl.us a draft final report. The Draft Final Report shall be prepared in accordance with the Guidelines for University Presentation and Publication available at http://www.dot.state.fl.us/research-center/Project_Mgt_Resources.shtml

Task 3 Deliverable – Upon Department approval of the draft final report, the university will submit the Final Report on two (2) CDs. Both CDs shall contain the report in PDF and Word formats. CDs should be labeled in a professional manner and include contract number, task work order number, project title and date.

Closeout Meeting – The University will schedule a closeout teleconference that shall be held during the final 30 days of the task work order. The project manager, principal investigator, and research performance coordinator will attend. The purpose of the meeting is to review the project performance and next steps.
Exhibit B – Method of Compensation

1.0 Purpose

This Exhibit defines the limits of compensation to be made to the University for the services set forth in Exhibit A and the method by which payment shall be made.

2.0 Compensation

For the satisfactory performance of services detailed in Exhibit A, the University shall be paid a Maximum Amount of $\text{(insert amount)}. The Maximum Amount consists of the following amounts:

- **Task 1 Deliverable – Literature Review**: $(\text{Lump Sum Amount})
- **Task 2 Deliverable – Ideas and Concepts**: $(\text{Lump Sum Amount})
- **Task 3 Deliverable – Final Report**: $(\text{Lump Sum Amount})
- **Travel and Indirect Cost on Travel**: $ (Maximum Amount if applicable)

3.0 Progress Payments

The University shall submit an invoice upon approval of each deliverable in a format acceptable to the Research Center. Lump sum payments shall be made to the University for the satisfactory completion of each task and approval of each task deliverable. Payment for travel and indirect cost on travel shall be made to the University on the basis of actual allowable cost incurred as authorized and approved by the Department.

Invoices shall be submitted to the Florida Department of Transportation, 605 Suwannee Street, MS 30, Tallahassee, FL 32399-0450 or electronically to research.center@dot.state.fl.us

The Research Center will allow itself ten (10) working days for approval from receipt of deliverable and invoice.

4.0 Tangible Personal Property

This task work order does not include the purchase of Tangible Personal Property as defined in Chapter 273, F.S.