APPENDIX A

Sugarloaf Shores

Contract Plans Package
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID: 43440115201
SUGARLOAF SHORES LOW-BAND REPEATER AND -48VDC BATTERY PLANT

INTELLIGENT TRANSPORTATION SYSTEMS PLANS

INDEX OF PLANS

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FDOT PROJECT MANAGER: RANDY PIERCE

LOCATION OF PROJECT

N

0 1 mile 2 miles

GPS COORDINATES:
SUGARLOAF SHORES
LATITUDE: 24-39-42 N (NAD 83)
LONGITUDE: 81-31-38 W

EVERGLADES ACADEMY
LATITUDE: 25-22-20.9 N (NAD 83)
LONGITUDE: 80-28-50.6 W

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.
1. THE VENDOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS AND MEASUREMENTS RELATING TO THE WORK IN THE FIELD PRIOR TO PROCEEDING WITH INSTALLATION, REMOVAL, AND DISPOSAL ACTIVITIES. THE VENDOR SHALL COORDINATE ANY MODIFICATIONS REQUIRED WITH FDOT.

2. THE VENDOR SHALL BE RESPONSIBLE FOR ALL EQUIPMENT, MATERIALS, AND SERVICES REQUIRED TO COMPLETE THIS PROJECT. THE VENDOR IS RESPONSIBLE FOR VERIFYING THE COMPLETENESS OF MATERIALS REQUIRED AND SUITABILITY OF DEVICES TO MEET THESE PLANS. THE VENDOR SHALL PROVIDE AND INSTALL, WITHOUT CLAIM, ANY ADDITIONAL EQUIPMENT AND SERVICES REQUIRED FOR OPERATION PER THESE PLANS.

3. THE VENDOR SHALL BE RESPONSIBLE FOR DETERMINING LOCAL FACILITIES FOR DELIVERING, STORING, AND LEGALLY DISPOSING OF POST-INSTALLATION MATERIALS.

4. THE VENDOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS AND MEETING OFFICIAL REQUIREMENTS, INCLUDING ASSOCIATED FEES. THE VENDOR IS RESPONSIBLE FOR CONTACTING APPLICABLE BUILDING OFFICIALS FOR PERMIT APPLICATIONS AND SUBMITTING TO THE FDOT FOR SIGNATURE.

5. THE VENDOR IS RESPONSIBLE FOR COORDINATING ALL NECESSARY NOTIFICATIONS OF WORK AND CONSTRUCTION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA) AND FEDERAL COMMUNICATIONS COMMISSION (FCC) WITH THE FDOT PROJECT MANAGER. ALL FAA AND FCC FILINGS WILL BE HANDLED BY THE VENDOR BASED ON THIS COORDINATION.

6. THE VENDOR SHALL SUBMIT AN INSTALLATION SCHEDULE TO FDOT FOR REVIEW AND APPROVAL. THE PLAN SHALL INCLUDE A DETAILED SCHEDULE OF EVENTS DETAILING EACH PHASE OF INSTALLATION, INCLUDING A PROJECTED TIMELINE.

7. THE VENDOR MUST COORDINATE ALL SITE WORK WITH FDOT. THE CONTACT PERSON IS RANDY PIERCE, 850-410-5608.

8. ALL ANTENNA INSTALLATION WORK SHALL BE DONE BY TOWER CLIMBERS CERTIFIED BY CONTRAX, OR APPROVED EQUIVALENT.

9. CERTIFICATION DOCUMENTATION IS REQUIRED, STATING THE NAME OF THE VENDOR AND THE INDIVIDUAL NAME FOR EACH EMPLOYEE ON THE SITE. THE CONTRAX IC CARD CAN BE USED FOR THIS DOCUMENTATION AND MUST BE CARRIED ON A PERSON ON SITE WHILE WORKING.

10. THE VENDOR SHALL BE AN AUTHORIZED MIDLAND SYSTEMS DEALER APPROVED TO SELL, DESIGN, AND INSTALL PUBLIC SAFETY GRADE MIDLAND LAND MOBILE RADIO PRODUCTS.

11. THE VENDOR SHALL COORDINATE EACH ELEMENT ON THE SCHEDULE WITH OTHER INSTALLATION ACTIVITIES AND SHOW EACH ACTIVITY IN PROPER SEQUENCE.


13. THE VENDOR SHALL PROVIDE SECURITY FOR HIS/HER EQUIPMENT AND SHALL CONDUCT HIS/HER OPERATIONS SO AS TO AVOID INTERFERENCE WITH FDOT’S NORMAL OPERATIONS.

14. THE VENDOR SHALL PROVIDE AND MAINTAIN IN A NEAT AND SANITARY CONDITION SUCH ACCOMMODATIONS FOR THE USE OF HIS/HER EMPLOYEES AS MAY BE NECESSARY TO COMPLY WITH REGULATIONS OF THE COUNTY OR THE DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES. NO NUISANCE WILL BE PERMITTED.

15. THE VENDOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF TRASH IN A TIMELY MANNER.

16. THE VENDOR SHALL BE RESPONSIBLE FOR THE COAXIAL CABLE AND RESPECTIVE HARDWARE. ANY BENDS, KINKS, OR DEFORMATION WILL RENDER THE COAXIAL CABLES UNUSABLE. SPLICING OF THE COAXIAL CABLE IS NOT PERMITTED. ANY EXISTING ELLIPTICAL WAVEGUIDES AND/OR COAXIAL CABLES, WITHOUT CLAIM, BY THE VENDOR SHALL BE REPLACED BY THE VENDOR AT NO ADDITIONAL COST TO THE FDOT. THE VENDOR SHALL CORRECT THE PROBLEM AND PERFORM SWEEP TESTS UNTIL THE PROBLEM IS RESOLVED.

17. THE VENDOR SHALL BE RESPONSIBLE FOR VERIFYING THE COMPLETENESS OF MATERIALS REQUIRED AND SUITABILITY OF DEVICES TO MEET THESE PLANS. THE VENDOR SHALL PROVIDE AND INSTALL, WITHOUT CLAIM, ANY ADDITIONAL EQUIPMENT AND SERVICES REQUIRED FOR OPERATION PER THESE PLANS.

18. THE VENDOR SHALL BE RESPONSIBLE FOR VERIFYING CORRECT SIZE, GENDER, AND SUITABILITY OF ALL COAXIAL TRANSMISSION LINE CONNECTORS AND SPDs. THE VENDOR SHALL SUBMIT A DETAILED LIST OF CONNECTORS AND SPDs TO THE FDOT PROJECT MANAGER FOR REVIEW AND APPROVAL.

19. ALL ANTENNA SYSTEMS AND TRANSMISSION LINES THAT DO NOT PASS THE SWEEP TESTS SHALL BE REPLACED BY THE VENDOR AT NO ADDITIONAL COST TO THE FDOT. THE VENDOR SHALL CORRECT THE PROBLEM AND PERFORM SWEEP TESTS UNTIL THE PROBLEM IS RESOLVED.

20. ALL COAXIAL TRANSMISSION LINES SHALL BE MARKED WITH COLOR CODES AT THE TOP AND BOTTOM (NEAR THE ANTENNA AND NEAR THE GROUND BUS BAR/BULKHEAD). THE COLORED TAPE SHALL BE APPLIED IN RINGS (BANDS) AROUND THE COAXIAL TRANSMISSION LINES FOR EASY IDENTIFICATION.


22. THE VENDOR SHALL COLLECT PRODUCT DATA INTO A SINGLE SUBMITAL FOR EACH ITEM OF INSTALLATION OR SYSTEM. PRODUCT DATA SHALL INCLUDE PRINTED INFORMATION SUCH AS MANUFACTURER’S INSTALLATION INSTRUCTIONS AND PERFORMANCE SPECIFICATIONS.

23. THE VENDOR SHALL SUBMIT TWO (2) SETS OF AS-BUILT DRAWINGS DEPICTING THE LOCATION OF COMPONENTS OF THE COMMUNICATIONS FACILITIES WITH RESPECT TO LOCAL FEATURES AND BENCHMARKS. AS-BUILT DRAWINGS DEPICTING ANY FIELD CHANGES TO THE FACILITIES SHALL ALSO BE SUBMITTED. AS-BUILT DOCUMENTATION SHALL BE SUBMITTED IN ELECTRONIC FORMAT, AS WELL AS PRINTED.

INSPECTION NOTES:

1. THE INSPECTION SHALL BE PERFORMED BY THE VENDOR AND WITNESSED BY FDOT. THE VENDOR SHALL NOTIFY FDOT AT LEAST 3 DAYS PRIOR TO APPLICATION OF INSTALLATION OF THE INSTALLATION. THE VENDOR AND FDOT SHALL VERIFY JOINTLY THAT ALL INSTALLATION WORK IS CORRECTLY INSTALLED AND FUNCTIONAL.

2. GROUNDING SHALL BE INSPECTED FOR PROPER CONNECTION TYPES, TIGHTNESS, WORKMANSHIP, AND CONFORMANCE WITH THE APPROVED DESIGNS.

3. THE SITES SHALL BE INSPECTED TO BE FREE OF DEBRIS AND COMPOUND RESTORED.


APPLICABLE PUBLICATIONS AND STANDARDS:

1. ANSI/TIA-222-G-2, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, STRUCTURE CLASSIFICATION-III.

2. APPLICABLE MANUFACTURER’S INSTRUCTIONS AND STANDARD PRACTICES.

3. APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) PRACTICES.

4. ASTM A132: STANDARD SPECIFICATION FOR ZINC (HOT GALVANIZED) COATINGS ON PRODUCTS FABRICATED FROM ROLLED, PRESSED, AND FORGED STEEL SHAPES, PLATES, BARS, AND STRIP.

5. ASTM A153: STANDARD SPECIFICATION FOR ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE.

6. ESA 81: MEASURING GROUND RESISTANCE AND POTENTIAL GRADIENTS IN THE EARTH.

7. FLORIDA BUILDING CODE, 2015 EDITION.

8. FDOT 2016 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN.

9. FDOT 2016 DESIGN STANDARDS.

10. FEDERAL AVIATION ADMINISTRATION ADMINISTRATION REGULATIONS.

11. IEEE 837: STANDARD FOR QUALIFYING PERMANENT CONNECTIONS USED IN SUBSTATION GROUNDING.

12. NATIONAL ELECTRICAL CODE (NEC) (NFPA 70), CURRENT EDITION.

13. NIST: NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.

14. UL 467: STANDARDS FOR GROUNDING AND EQUIMENT.

15. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 780), CURRENT EDITION.
THE VENDOR SHALL SUPPLY AND INSTALL A NEW 7/8-INCH COAXIAL TRANSMISSION LINE. SEE SHEET 111212. THE VENDOR SHALL SECURELY ATTACH THE TRANSMISSION LINE TO THE EXISTING GROUNDING SYSTEM, OVERHEAD CABLE TRAY, AND FLOOR OF THE COMMUNICATIONS SHELTER.

THE VENDOR SHALL INSTALL THE ANTENNA FOR THE TRANSCEIVER AT THE LOCATION SPECIFIED IN SHEET 111212. THE VENDOR SHALL CONNECT THE TRANSMISSION LINE TO THE REPEATER THROUGH THE appropriate CONNECTOR PROVIDED. THE VENDOR SHALL USE THE TRANSMISSION LINES TO CONNECT THE TWO (2) NEW COMPROD 531-70HD ANTENNAS TO THE 47MHZ PUNCHBLOCK FROM THE NEW SVM-2 CARD IN PORT 8 OF THE VOTER. THE UNIVERSITY OF FLORIDA SHALL SECURE A LICENSE FOR THESE FREQUENCIES.

THE VENDOR SHALL INSTALL A NEW SVM-2 CARD IN PORT 8 OF THE SNV-12 (VOTER CHASSIS) AT EVERGLADES ACADEMY TO BE USED FOR FURTHER INTEGRATION BY THE FDOT. THIS EQUIPMENT IS LISTED ON SHEET IT-7.

THE VENDOR SHALL INSTALL AN FDOT PROVIDED MNCP 120E IN THE NEWLY INSTALLED RACK. THE UNIVERSITY OF FLORIDA SHALL SECURE A LICENSE FOR THESE FREQUENCIES.
SUGARLOAF SHORES - PROPOSED TOWER LOADING DIAGRAM

1. THE VENDOR SHALL FURNISH AND INSTALL NEW COMPROD 531-70HD ANTENNAS EQUIPPED WITH DIN-MALE TERMINAL CONNECTORS. THE VENDOR IS RESPONSIBLE FOR ALL MOUNTING AND GROUNDING HARDWARE.

2. NEW 7/8-INCH COAXIAL TRANSMISSION LINE SHALL BE RFS LCF78-50J.

3. RX FREQUENCY: 45.08 MHz

4. TX FREQUENCY: 47.34 MHz

NOTES:

1. 7/8" COAXIAL (TO COMPROD 531-70HD) (VENDOR SHALL INSTALL NEW 7/8-INCH COAXIAL BOOT COVER)

2. 7/8" COAXIAL (TO COMPROD 531-70HD) (VENDOR SHALL INSTALL NEW 7/8-INCH COAXIAL BOOT COVER)

3. EMPTY

4. EMPTY

5. 3/8" COAXIAL CABLE (UHF YEO PATROL ANDREW HELIX LDF6-50)

6. CAT5 (TO TOWER LIGHT PHOTOCELL)

7. 7/8" COAXIAL (TO COMPROD 531-70HD)

8. 7/8" COAXIAL (TO COMPROD 531-70HD)

9. EMPTY

10. 3/8" COAXIAL CABLE (DISCONNECTED)

11. 3/8" COAXIAL CABLE (UHF YEO PATROL ANDREW HELIX LDF6-50)

12. CAT5 (TO TOWER LIGHT PHOTOCELL)

FLORIDA DEPARTMENT OF TRANSPORTATION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SUGARLOAF TOWER LOADING DETAILS

SUGARLOAF
MONROE

43440115201
1. **NOTES:**

1. The approximate location of the equipment is for diagrammatical purposes only. The vendor is responsible for determining the best locations for all associated transmission lines and mounting and grounding hardware.

2. The vendor shall install the new coaxial transmission line in the specified entry port with new boot assemblies as specified on sheet IT-4. The coaxial transmission line shall be grounded to the transmission line bulkhead upon entering the shelter.

3. The vendor shall install the new SPDs for the coaxial transmission lines to the ground bus bar. The SPDs shall be Polyphaser model VHF50HD-MA.

4. The vendor shall route the new coaxial transmission lines along the overhead cable tray to the new FDOT -48VDC battery/LMR rack. See proposed rack details on sheet IT-6. The vendor shall secure the transmission line to the overhead cable trays with zip ties, at 36 in. intervals, maximum.
NOTES (CONT'D):

5. THE VENDOR SHALL FURNISH AND INSTALL A NEW 19-INCH RELAY RACK EQUIPMENT STAND, AND ALL SPECIFIED EQUIPMENT WITHIN THE RACK. SEE THE PROPOSED RACK AND ITEMS TO BE FURNISHED, PROVIDED, AND INSTALLED ON THE RIGHT. SEE SHEET IT-5 FOR PLACEMENT OF THE RACK. THE VENDOR SHALL PROPERLY GROUND ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER’S RECOMMENDATIONS, AND SECURE THE RACK TO THE OVERHEAD CABLE TRAY AND SHELTER FLOOR.

6. THE VENDOR SHALL INSTALL AN FDOT PROVIDED MIDLAND BASETECH II -48VDC/12VDC CONVERTER, ADTRAN 120E, AND TWO (2) 4-WIRE SPD'S IN THE NEW -48VDC BATTERY/LMR RACK.

7. THE VENDOR SHALL PROGRAM AND CONFIGURE THE BASETECH 2020 BOARD IN ACCORDANCE WITH FDOT SPECIFICATIONS WHICH SHALL BE PROVIDED TO THE VENDOR. THE VENDOR SHALL COORDINATE WITH THE FDOT PROJECT MANAGER FOR THIS PROCEDURE.

8. THE VENDOR SHALL INSTALL AN FDOT PROVIDED ADTRAN MODEL 120E IN THE NEWLY INSTALLED RACK. THE VENDOR SHALL CONNECT THE 4-WIRE AUDIO FROM THE REPEATER 2020 BOARD TO THE 4-WIRE PORT OF THE ADTRAN. THE VENDOR SHALL WIRE A 19-INCH RACK MOUNTABLE DIN RAIL IN THE NEW RACK. THE SPD SHALL BE MTL SURGE MODEL ZB2455S. THE REMAINDER OF THE CIRCUIT SHALL BE INSTALLED BY OTHERS.

   SUBNET MASK: 255.255.254.0
   DEFAULT GATEWAY: 172.16.228.19

10. THE VENDOR SHALL REMOVE ALL PRE-EXISTING DSO MAPPING CONFIGURATIONS FROM THE ADTRAN 120E. THE VENDOR SHALL CONFIGURE THE ADTRAN TO CROSS CONNECT THE 4-WIRE E&M CIRCUIT TO THE T1 PORT, TIME SLOT 2. ALL OTHER TIME SLOTS SHALL BE CONFIGURED AS ‘NOT CONNECTED’.

11. THE VENDOR SHALL PROGRAM AND CONFIGURE THE BASETECH 2020 BOARD IN ACCORDANCE WITH FDOT SPECIFICATIONS WHICH SHALL BE PROVIDED TO THE VENDOR. THE VENDOR SHALL COORDINATE WITH THE FDOT PROJECT MANAGER FOR THIS PROCEDURE.


10. THE VENDOR SHALL WIRE POWER EACH RECTIFIER AS A SEPARATE CIRCUIT IN ACCORDANCE WITH MANUFACTURER’S SPECIFICATIONS. THE VENDOR SHALL FURNISH AND INSTALL TWO (2) MINIATURE CIRCUIT BREAKERS 120/240V, 20A, 1 POLE, MODEL GDB120 IN THE EXISTING LOAD DISTRIBUTION PANEL MODEL NOG24L225CU IN POSITIONS 41 AND 42, AND LABEL APPROPRIATELY.

11. THE VENDOR SHALL FURNISH AND INSTALL AN APPROPRIATELY SIZED EMT CONDUIT FROM THE TOP OF THE LOAD DISTRIBUTION PANEL TO THE NEWLY INSTALLED -48VDC BATTERY/LMR RACK TO HOUSE THE POWER CABLES FOR THE RECTIFIERS. THE EMT CONDUIT SHALL BE INSTALLED AND SECURED TO THE CEILING OF THE SHELTER SO THAT IT DOES NOT OBSTRUCT FUTURE SPACE ALONG THE OVERHEAD CABLE TRAY.
SUGARLOAF SHORES

Comprod 531-70HD
Equipped with DIN-M
Terminal Connector
Rx: 45.08 MHz

Comprod 531-70HD
Equipped with DIN-M
Terminal Connector
Tx: 47.34 MHz

VHF Low Band Basetech II
(repeater configuration)

RFS SCF12-50J
1/2" Superflex

RFS LCF78-50J
7/8" Foam-Filled

PolyPhaser
VHF50HD-MA

2 Antenna Port
Fiplex Duplexer
DHV 0544 DOT PE

RFS SCF12-50J
1/2" Superflex

JPS Interoperability
Solutions SVM-2 card in
Port 8 of the SNV-12 Chasis

4-Wire
Audio

47 MHz Punchblock

(2) 4-Wire Audio SPDs
Edco HDE

EQUIPMENT LIST TO BE FURNISHED BY THE VENDOR:

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>DESCRIPTION</th>
<th>MODEL</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TELCO SYSTEMS</td>
<td>ACCESS 60 5RU CHASSIS (INCLUDES 621-0014 RACKMOUNT KIT)</td>
<td>M6006-04-3</td>
<td>2</td>
</tr>
<tr>
<td>TELCO SYSTEMS</td>
<td>4-WIRE 80L WIRE PS WIRE POSITIVE</td>
<td>M6097-10-7</td>
<td>5</td>
</tr>
<tr>
<td>TELCO SYSTEMS</td>
<td>ACCESS 96U 5RU CHASSIS WITH INTEGRAL CSU AND CROSS-CONNECT</td>
<td>M6007-04-3</td>
<td>3</td>
</tr>
<tr>
<td>TELCO SYSTEMS</td>
<td>4 PORT 2 OR 4 WIRE EAM TO 4 PORT 2 OR 4 WIRE EAM WITH EXTENDED RANGE</td>
<td>M6047-05-3</td>
<td>3</td>
</tr>
<tr>
<td>TELCO SYSTEMS</td>
<td>2 PORT T1 OR 2 PORT E1 DAIY-CHAIN CABLE</td>
<td>M6025-10-3</td>
<td>3</td>
</tr>
<tr>
<td>SIEMENS</td>
<td>M SERIES 500 PUNCH BLOCK</td>
<td>M1-50</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTES:

THE VENDOR SHALL DELIVER THE CHANNEL BANKS AND COMPONENTS TO THE FDOT MAINTENANCE CONTRACTOR AT EVERGLADES ACADEMY TO BE USED FOR FURTHER INTEGRATION BY THE FDOT.

LEGEND

- TO BE FURNISHED AND INSTALLED
- FDOT PROVIDED & VENDOR INSTALLED
- EXISTING TO BE REUSED
FIELD DRILL 9/16" Holes for new 1/2" bolts and spacer plates (thickness to match existing). Try:
(24) PLS.

SYMMETRICAL ABOUT CENTERLINE
EXISTING DIAGONALS

DETAIL
NOT TO SCALE

EXISTING 2L 3 X 2 X 1/4

FIELD DRILL 9/16" Holes for new 1/2" bolts and spacer plates (thickness to match existing). Try:
(12) PLS.

SYMMETRICAL ABOUT CENTERLINE
EXISTING DIAGONALS

DETAIL
NOT TO SCALE

EXISTING 2L 3 X 2 X 3/16

FIELD DRILL 9/16" Holes for new 1/2" bolts and spacer plates (thickness to match existing). Try:
(12) PLS.

SYMMETRICAL ABOUT CENTERLINE
EXISTING DIAGONALS

DETAIL
NOT TO SCALE

EXISTING 2L 3 X 2 X 3/16

TYPICAL TOWER ELEVATION
NOT TO SCALE
(4 FACES PAGE)
DESIGN CRITERIA

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO
SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH ANSI/IAE-222-C-2 FOR THE
FOLLOWING CRITERIA:

\[ \text{V}_{25} = 139.4 \text{ MPH} \quad (3\text{-SECOND GUST NOMINAL WIND SPEED}) \\
\text{EXPOSURE D} \\
\text{CLASS B} (1.5) \\
\text{TOPOGRAPHIC CATEGORY 1} \]

THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH
EDITION (2014) FOR THE FOLLOWING CRITERIA:

\[ \text{V}_{25} = 180 \text{ MPH} \quad (3\text{-SECOND GUST ULTIMATE WIND SPEED}) \\
\text{EXPOSURE D} \]

ELEV. (FT) NOTES DESCRIPTION TRANSMISSION LINES

200' A 25/4 WHIP ANTENNA TO AMPLIFIER

197' A (6) 8/4 SIDE ARMS

17' A AMPLIFIER

13' B DBH420 (SIMILAR) ON 2' SIDE ARM

13' A 8/4 DISH WITH RADOME & MOUNT EW63

11' A SMALL PANEL ANTENNA ON 2' SIDE ARM

92' A 8/4 DISH WITH RADOME & MOUNT EW63

55' A 3/4 YAGI & MOUNT

PROPOSED ANTENNAS

190' A A COMPROF 531-70 ON PIPE MOUNT

160' A B COMPROF 531-70 ON PIPE MOUNT

75' A 2' DISH & BOX (9500 MPH GOU) ON PIPE MOUNT CAT-5 INSIDE OF

NOTES:

A. EACH OF THE PROPOSED 531-70 ANTENNAS ARE TO BE MOUNTED ON A 2" STD X 6' LONG
VERTICAL PIPE MOUNT.

B. THE PROPOSED DISH ANTENNA IS TO BE MOUNTED ON A 4" STD X 4' LONG VERTICAL PIPE MOUNT.

GENERAL NOTES

MATERIALS:

STRUCTURAL STEEL, PIPE AND PLATES ANSI A36 Fy = 36.0 KSI

1. BOLTS

1.1 ALL BOLTS 1/2" DIA. AND LARGER, SHALL BE A325X, THREADS EXCLUDED FROM SHEAR PLANE,
AND FINISHED WITH A HEAT HEX NUT, HEAT ROUND WASHER, AND HEAT "PENULT", ALL HUT
DIPPED GALVANIZED. GUSHER GALVANIZED HIGH STRENGTH BOLT.

2. FABRICATION

2.1 ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH ABC STEEL CONSTRUCTION
MANUAL, LATEST EDITION.

2.2 HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.

2.3 DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER,
THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.

2.4 SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.

2.5 ALL STEEL MATERIAL SHALL BE NOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE
WITH ASTM A123. AFTER GALVANIZING, ALL THREADED AND OTHER ITEMS SHALL BE PROPERLY CLEANED.
ALL BURRS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN
HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.

2.6 THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON
THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.

2.7 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE
WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

3. SECTIONS

3.1 PRIOR TO BIDDING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY
CLEANUP PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING
HARDWARE (ANTENNAS, WAVEGUIDE LADERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE
SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.

3.2 FIELD DRILLED HOLES AND CAVITY CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1)
COAT OF ZN CL. LIQUID (800-831-3278) TO A 5 ML WATER THICKNESS. PREPARE SURFACES
SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. A TOP COAT OF HIGH
VITRINE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZINC.

3.3 FIELD CAVITIES AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HAMMERS, DRILLS
OR PUNCHES. CUTS AND HOLES MAY NOT BE BURNTED.

3.4 NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR
EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE
CONTRACTOR.

3.5 WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK,
THEY SHALL BE TEMPORARILY RELOCATED AND SECURED, WHERE NECESSARY, THEY SHALL BE
TEMPORARILY RELOCATED AND SECURED, AFTER THE WORK IS COMPLETE THEY SHALL BE INSTALLED
IN THEIR FINAL LOCATION AND SECURITY SECURED.

3.6 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE
EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION
EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.

3.7 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER ABC
MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.

3.8 U-BOLTS SHALL BE "SNUG" TIGHT, DO NOT REND PLATES.

3.9 INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN".

3.10 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS, OVER STRESS OF
THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE
STRESS STATE OF THE TOWER.

3.11 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA. THE
OWNERS, AND OTHER APPLICABLE REGULATIONS.

3.12 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE
WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
WHEREAS, the Parties have agreed to the terms and conditions set forth herein.

The Consultant/Contractor/Vendor shall comply with Chapter 119, Florida Statutes. Specifically, the Consultant/Contractor/Vendor shall:

(1) Keep and maintain public records required by the Department to perform the service.

(2) Upon request from the Department’s custodian of public records, provide the Department with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.

(3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Consultant/Contractor/Vendor does not transfer the records to the Department.

(4) Upon completion of the Agreement, transfer, at no cost, to the Department, all public records in possession of the Consultant/Contractor/Vendor or keep and maintain public records required by the Department to perform the service. If the Consultant/Contractor/Vendor transfers all public records to the Department upon completion of the Agreement, the Consultant/Contractor/Vendor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant/Contractor/Vendor keeps and maintains public records upon completion of the Agreement, the Consultant/Contractor/Vendor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Department, upon request from the Department’s custodian of public records, in a format that is compatible with the information technology systems of the Department.

Failure by the Consultant/Contractor/Vendor to comply with Chapter 119, Florida Statutes, shall be grounds for immediate unilateral cancellation of this Agreement by the Department.

IF THE CONSULTANT/CONTRACTOR/VENDOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT’S/CONTRACTOR’S/VENDOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

Central Office
850-414-5355
Co...@dot.State.fl.us
Office of the General Counsel
Florida Department of Transportation
605 Suwannee Street, MS 58
Tallahassee, Florida 32399-0458
1. SERVICES AND PERFORMANCE

A. The Department does hereby retain the Vendor to furnish, within the manner and at the location specified, certain services, information and items as specified in the competitive procurement documents, the completed purchase order form, and attached Exhibits which are integral parts of this purchase order contract (hereinafter called the Purchase Order). If additional terms and conditions of the Vendor are attached, only those provisions not in conflict with the State of Florida Purchase Order Conditions and Instructions and Purchase Order Terms and Conditions herein may be made a part of this Purchase Order. The Purchase Order Terms and Conditions, whether generic or specific, shall take precedence over and supersede any inconsistent or conflicting provision in the State of Florida Purchase Order Conditions and Instructions, and any attached terms and conditions of the Vendor.

B. Before making any additions or deletions to the work described in this Purchase Order, and before undertaking any changes or revisions to such work, the parties shall negotiate any necessary cost changes and the Department shall issue a Change Order covering such work and compensation. Reference herein to this Purchase Order shall be considered to include any Change Orders.

C. All tracings, plans, specifications, maps, computer files, and reports prepared or obtained under this Purchase Order, as well as all data collected, together with summaries and charts derived therefrom, shall be the exclusive property of the Department without restriction or limitation on their use and shall be made available, upon request, to the Department at any time during the performance of such services and/or upon completion or termination of this Purchase Order. Upon delivery to the Department of said document(s), the Department shall become the custodian thereof in accordance with Chapter 119, Florida Statutes. The Vendor shall not copyright any material and products or patent any invention developed under this Purchase Order. The Department shall have the right to visit the site for inspection of the work and the products of the Vendor at any time.

D. All final plans, documents, reports, studies, and other data prepared by the Vendor shall bear the professional’s seal/signature, in accordance with applicable Florida law that governs and Administrative Rules promulgated by the Department of Business and Professional Regulation, and guidelines published by the Department, in effect at the time of execution of this Purchase Order. In the event that changes in the statute or rules create a conflict with the requirements of the published guidelines, requirements of the statute and rules shall take precedence.

E. The Vendor agrees to provide project schedule progress reports in a format acceptable to the Department and at intervals established by the Department. The Department shall be entitled at all times to be advised, at its request, as to the status of work being done by the Vendor and of the details thereof. Coordination shall be maintained by the Vendor with representatives of the Department, or of other agencies interested in the project on behalf of the Department. Either party to the Purchase Order may request and be granted a conference.

F. All services shall be performed by the Vendor to the satisfaction of the Director who shall decide all questions, difficulties and disputes of any nature whatsoever that may arise under or by reason of this Purchase Order. The Director’s decision upon all claims, questions, and disputes shall be final and binding upon all parties. Adjustments of compensation and contract time because of any major changes in the work that may become necessary or desirable shall be left to the absolute discretion of the Director.

Reference herein to the Director shall mean the Department's Chief Engineer.
2. **TERM**

   A. **Initial Term.** Unless otherwise specified, this Purchase Order begins on the date of issuance. Services to be rendered by the Vendor shall be completed by the date specified on the Purchase Order.

   B. **EXTENSIONS.** In the event that circumstances arise which make performance by the Vendor impracticable or impossible within the time allowed or which prevent a new contract from being executed, the Department, in its discretion, may grant an extension of this Purchase Order. Extension of this Purchase Order must be in writing for a period not to exceed six (6) months and is subject to the same terms and conditions set forth in this Purchase Order and any written amendments signed by the parties; provided the Department may, in its discretion, grant a proportional increase in the total dollar amount based on the method and rate established herein. There may be only one extension of this Purchase Order unless the failure to meet the criteria set forth in this Purchase Order for completion of this Purchase Order is due to events beyond the control of the Vendor.

   It shall be the responsibility of the Vendor to ensure at all times that sufficient time remains in the Project Schedule within which to complete services on the project. In the event there have been delays which would affect the project completion date, the Vendor shall submit a written request to the Department which identifies the reason(s) for the delay and the amount of time related to each reason. The Department shall review the request and make a determination as to granting all or part of the requested extension.

3. **COMPENSATION AND PAYMENT**

   A. Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the Chief Financial Officer of the State of Florida under Chapters 215 and 216, Florida Statutes. Deliverable(s) must be received and accepted in writing by the Contract Manager on the Department’s invoice transmittal forms prior to payment. If the Department determines that the performance of the Vendor is unsatisfactory, the Department shall notify the Vendor of the deficiency to be corrected, which correction shall be made within a time-frame to be specified by the Department. The Vendor shall, within five days after notice from the Department, provide the Department with a corrective action plan describing how the Vendor will address all issues of contract non-performance, unacceptable performance, failure to meet the minimum performance levels, deliverable deficiencies, or contract non-compliance. If the corrective action plan is unacceptable to the Department, the Vendor shall be assessed a non-performance retainage equivalent to 10% of the total invoice amount. The retainage shall be applied to the invoice for the then-current billing period. The retainage shall be withheld until the vendor resolves the deficiency. If the deficiency is subsequently resolved, the Vendor may bill the Department for the retained amount during the next billing period. If the Vendor is unable to resolve the deficiency, the funds retained will be forfeited at the end of the agreement period.

   B. Vendors providing goods and services to the Department should be aware of the following time frames. Upon receipt, the Department has five (5) working days to inspect and approve the goods and services, unless the Purchase Order specifies otherwise. The Department has 20 days to deliver a request for payment (voucher) to the Department of Financial Services. The 20 days are measured from the latter of the date the invoice is received or the goods or services are received, inspected, and approved. Interest penalties of less than one (1) dollar shall not be enforced unless the Vendor requests payment. Invoices which have to be returned to a Vendor because of Vendor preparation errors shall result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

   C. The State of Florida, through the Department of Management Services, has instituted MyFloridaMarketPlace, a statewide eProcurement system. Pursuant to Section 287.057(23), Florida Statutes, all payments shall be assessed a transaction fee of one percent (1%), which the Vendor shall pay to the State. For payments within the State accounting system (FLAIR or its successor), the transaction fee shall, when possible, be automatically deducted from payments to the Vendor. If automatic deduction is not possible, the Vendor shall pay the transaction fee pursuant to Rule 60A-1.031(2), Florida Administrative Code. By submission of these reports and
corresponding payments, Vendor certifies their correctness. All such reports and payments shall be subject to audit by the State or its designee. The Vendor shall receive a credit for any transaction fee paid by the Vendor for the purchase of any item(s) if such item(s) are returned to the Vendor through no fault, act, or omission of the Vendor. Notwithstanding the foregoing, a transaction fee is non-refundable when an item is rejected or returned, or declined, due to the Vendor’s failure to perform or comply with specifications or requirements of the Purchase Order. Failure to comply with these requirements shall constitute grounds for declaring the Vendor in default and recovering reprocurement costs from the Vendor in addition to all outstanding fees. VENDORS DELINQUENT IN PAYING TRANSACTION FEES MAY BE EXCLUDED FROM CONDUCTING FUTURE BUSINESS WITH THE STATE.

D. Records of costs incurred under terms of this Purchase Order shall be maintained and made available upon request to the Department at all times during the period of this Purchase Order and for three years after final payment for the work pursuant to this Purchase Order is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred shall include the Vendor's general accounting records and the project records, together with supporting documents and records, of the Vendor and all subcontractors performing work on the project, and all other records of the Vendor and subcontractors considered necessary by the Department for a proper audit of project costs.

E. The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the comptroller of the Department that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years. Accordingly, the State of Florida's performance and obligation to pay under this Contract is contingent upon an annual appropriation by the Legislature.

F. The bills for any travel expenses, when authorized by terms of this Agreement and the Department, will be submitted in accordance with Section 112.061, Florida Statutes. In addition, if compensation for travel is authorized by terms of this Agreement and the Department, then the Department shall not compensate the Vendor for lodging/hotel expenses in excess of $150.00 per day (excluding taxes and fees). The Vendor may expend their own funds to the extent the lodging/hotel expense exceeds $150.00 per day. The Department, in its sole discretion and pursuant to its internal policies and procedures, may approve compensation to the Vendor for lodging/hotel expenses in excess of $150.00 per day.

4. INDEMNITY AND PAYMENT FOR CLAIMS

A. INDEMNITY: To the extent permitted by Florida Law, the Vendor shall indemnify and hold harmless the Department, and its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorney’s fees, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the Vendor and persons employed or utilized by the Vendor in the performance of this Purchase Order.

It is specifically agreed between the parties executing this Purchase Order that it is not intended by any of the provisions of any part of the Purchase Order to create in the public or any member thereof, a third party beneficiary hereunder, or to authorize anyone not a party to this Purchase Order to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Purchase Order.

PAYMENT FOR CLAIMS: The Vendor guaranties the payment of all just claims for materials, supplies, tools, or labor and other just claims against the Vendor or any subcontractor, in connection with the Purchase Order. The Department’s final acceptance and payment does not release the Vendor’s bond until all such claims are paid or released.
B. LIABILITY INSURANCE. (Select and complete as appropriate):

☐ No general liability insurance required.

☒ The Vendor shall carry and keep in force during the term of this Purchase Order a general liability insurance policy or policies with a company or companies authorized to do business in Florida, affording public liability insurance with combined bodily injury limits of at least $200,000.00 per person and $300,000.00 each occurrence, and property damage insurance of at least $200,000.00 each occurrence, for the services to be rendered in accordance with this Purchase Order.

☐ The Vendor shall have and maintain during the term of this Purchase Order, a professional liability insurance policy or policies or an irrevocable letter of credit established pursuant to chapter 675 and section 337.106, Florida Statutes, with a company or companies authorized to do business in the State of Florida, affording liability coverage for the professional services to be rendered in accordance with this Purchase Order in the amount of $__________.

C. WORKERS’ COMPENSATION. The Vendor shall also carry and keep in force Workers’ Compensation insurance as required for the State of Florida under the Workers’ Compensation Law.

D. PERFORMANCE AND PAYMENT BOND. (Select as appropriate):

☐ No Bond required.

☒ Prior to commencement of any services pursuant to this Purchase Order and at all times during the term hereof, including renewals and extensions, the Vendor will supply to the Department and keep in force a bond provided by a surety authorized to do business in the State of Florida, payable to the Department and conditioned for the prompt, faithful, and efficient performance of this Purchase Order according to the terms and conditions hereof and within the time periods specified herein, and for the prompt payment of all persons furnishing labor, materials, equipment, and supplies therefor.

E. CERTIFICATION. With respect to any general liability insurance policy required pursuant to this Purchase Order, all such policies shall be issued by companies licensed to do business in the State of Florida. The Vendor shall provide to the Department certificates showing the required coverage to be in effect with endorsements showing the Department to be an additional insured prior to commencing any work under this Contract. Policies that include Self Insured Retention (SIR) will not be accepted. The certificates and policies shall provide that in the event of any material change in or cancellation of the policies reflecting the required coverage, thirty days advance notice shall be given to the Department or as provided in accordance with Florida law.

5. COMPLIANCE WITH LAWS

A. The Vendor agrees that it shall make no statements, press releases, or publicity releases concerning this Purchase Order or its subject matter or otherwise disclose or permit to be disclosed any of the data or other information obtained or furnished in compliance with this Purchase Order, or any particulars thereof, during the period of the Purchase Order, without first notifying the Department’s Contract Manager and securing prior written consent.

B. If the Vendor is licensed by the Department of Business and Professional Regulation to perform the services herein contracted, then section 337.162, Florida Statutes, applies as follows:

(1) If the Department has knowledge or reason to believe that any person has violated the provisions of state professional licensing laws or rules, it shall submit a complaint regarding the violations to the Department of Business and Professional Regulation. The complaint shall be confidential.

(2) Any person who is employed by the Department and who is licensed by the Department of Business and Professional Regulation and who, through the course of the person’s employment, has knowledge to believe that any person has violated the provisions of state
professional licensing laws or rules shall submit a complaint regarding the violations to the Department of Business and Professional Regulation. Failure to submit a complaint about the violations may be grounds for disciplinary action pursuant to chapter 455, Florida Statutes, and the state licensing law applicable to that licensee. The complaint shall be confidential.

(3) Any complaints submitted to the Department of Business and Professional Regulation are confidential and exempt from Section 119.07(1), Florida Statutes, pursuant to chapter 455, Florida Statutes, and applicable state law.

C. The Vendor covenants and agrees that it and its employees and agents shall be bound by the standards of conduct provided in applicable Florida law and applicable rules of the Board of Business and Professional Regulation as they relate to work performed under this Purchase Order. The Vendor further covenants and agrees that when a former state employee is employed by the Vendor, the Vendor shall require that strict adherence by the former state employee to Sections 112.313 and 112.3185, Florida Statutes, is a condition of employment for said former state employee. These statutes will by reference be made a part of this Purchase Order as though set forth in full. The Vendor agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed pursuant to this Purchase Order.

D. The Vendor agrees to comply with the Title VI Nondiscrimination Contract Provisions, Appendices A and E, available at http://www.dot.state.fl.us/procurement/index.shtm, incorporated herein by reference and made a part of this Agreement.

E. Any intellectual property developed as a result of this Agreement will belong to and be the sole property of the State. This provision will survive the termination or expiration of the Agreement.

F. The Vendor agrees to comply with s.20.055(5), Florida Statutes, and to incorporate in all subcontracts the obligation to comply with s.20.055(5), Florida Statutes.

6. TERMINATION AND DEFAULT

A. This Purchase Order may be canceled by the Department in whole or in part at any time the interest of the Department requires such termination. The Department further reserves the right to terminate or cancel this Purchase Order in the event an assignment is made for the benefit of creditors.

B. If the Department determines that the performance of the Vendor is not satisfactory, the Department shall have the option of (a) immediately terminating the Purchase Order, or (b) notifying the Vendor of the deficiency with a requirement that the deficiency be corrected within a specified time, otherwise the Purchase Order will be terminated at the end of such time, or (c) take whatever action is deemed appropriate by the Department.

C. If the Department requires termination of the Purchase Order for reasons other than unsatisfactory performance of the Vendor, the Department shall notify the Vendor of such termination, with instructions as to the effective date of termination or specify the stage of work at which the Purchase Order is to be terminated.

D. If the Purchase Order is terminated before performance is completed, the Vendor shall be paid only for that work satisfactorily performed for which costs can be substantiated. Such payment, however, may not exceed an amount which is the same percentage of the agreement price as the amount of work satisfactorily completed is a percentage of the total work called for by this Purchase Order. All work in progress shall become the property of the Department and shall be turned over promptly by the Vendor.

E. For Contracts $1,000,000 and greater, if the Department determines the Contractor submitted a false certification under Section 287.135(5) of the Florida Statutes, or if the Contractor has been placed on the Scrutinized Companies with Activities in the Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List, the Department shall either terminate the Contract after it has given the Contractor notice and an opportunity to demonstrate the Department’s determination of false certification was in error pursuant to Section 287.135(5)(a) of the Florida Statutes, or maintain the Contract if the conditions of Section 287.135(4) of the Florida Statutes are met.
7. ASSIGNMENT AND SUBCONTRACTS

A. The Vendor shall maintain an adequate and competent staff so as to enable Vendor to timely perform under this Purchase Order and must be authorized to do business within the State of Florida and may associate with it such subcontractors, for the purpose of its services hereunder, without additional cost to the Department, other than those costs within the limits and terms of this Purchase Order. The Vendor is fully responsible for satisfactory completion of all subcontracted work. The Vendor, however, shall not sublet, assign, or transfer any work under this Purchase Order to other than subcontractors specified in the proposal, bid and/or Purchase Order without the prior written consent of the Department.

B. Select the appropriate box:

☐ The following provision is not applicable to this Purchase Order.

☐ The following provision is hereby incorporated in and made a part of this Purchase Order:

It is expressly understood and agreed that any articles that are the subject of, or required to carry out this Purchase Order shall be purchased from a nonprofit agency for the blind or for the severely handicapped that is qualified pursuant to Chapter 413, Florida Statutes, in the same manner and under the same procedures set forth in Section 413.036(1) and (2), Florida Statutes; and for purposes of this Contract the person, firm, or other business entity carrying out the provisions of this Purchase Order shall be deemed to be substituted for the state agency insofar as dealings with such qualified nonprofit agency are concerned. RESPECT of Florida provides governmental agencies within the State of Florida with quality products and services produced by persons with disabilities. Available pricing, products, and delivery schedules may be obtained by contacting:

RESPECT
2475 Apalachee Pkwy
Tallahassee, Florida 32301-4946
Phone: (850) 487-1471

☐ The following provision is hereby incorporated in and made a part of this Purchase Order:

It is expressly understood and agreed that any articles that are the subject of, or required to carry out this Purchase Order shall be purchased from the corporation identified under Chapter 946, Florida Statutes, in the same manner and under the procedures set forth in section 946.515(2) and (4), Florida Statutes; and for purposes of this Contract the person, firm, or other business entity (Vendor) carrying out the provisions of this Purchase Order shall be deemed to be substituted for this agency (Department) insofar as dealings with such corporation are concerned.

The "Corporation identified" is Prison Rehabilitative Industries and Diversified Enterprises, Inc. (PRIDE). Available pricing, products, and delivery schedules may be obtained by contacting:

PRIDE Enterprises
12425 - 28th Street, North
St. Petersburg, Florida 33716-1826
Telephone: (800) 643-8459

☐ This Purchase Order involves the expenditure of Federal funds and hence, Section 946.515, as noted above, does not apply. However, Appendix I is applicable to all parties and is hereof made a part of this Purchase Order.

8. MISCELLANEOUS

A. The Vendor and its employees, agents, representatives, or subcontractors are not employees of the Department and are not entitled to the benefits of State of Florida employees. Except to the extent expressly authorized herein, Vendor and its employees, agents, representatives, or subcontractors are not agents of the Department or the State for any purpose or authority such as to bind or represent the interests thereof, and shall not represent that it is an agent or that it is acting on the behalf of the Department or the State. The Department shall not be bound by any unauthorized acts or conduct of the Vendor or its employees, agents, representatives, or subcontractors. Vendor agrees to include this provision in all its subcontracts under this Purchase Order.
B. All words used herein in the singular form shall extend to and include the plural. All words used in the plural form shall extend to and include the singular. All words used in any gender shall extend to and include all genders.

C. It is understood and agreed by the parties hereto that if any part, term or provision of this Purchase Order is by the courts held to be illegal or in conflict with any law of the State of Florida, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Purchase Order did not contain the particular part, term or provision held to be invalid.

D. This Purchase Order shall be governed by and construed in accordance with the laws of the State of Florida.

E. In any legal action related to this Purchase Order, instituted by either party, the Vendor hereby waives any and all privileges and rights it may have under Chapter 47 and section 337.19, Florida Statutes, relating to venue, as it now exists or may hereafter be amended, and any and all such privileges and rights it may have under any other statute, rule, or case law, including, but not limited to those grounded on convenience. Any such legal action may be brought in the appropriate Court in the county chosen by the Department and in the event that any such legal action is filed by Vendor, Vendor hereby consents to the transfer of venue to the county chosen by the Department upon the Department filing a motion requesting the same.

F. Time is of the essence as to each and every obligation under this Purchase Order.

G. If this Purchase Order involves the purchase or maintenance of information technology as defined in Section 282.0041, Florida Statutes, the selected provisions of the attached Appendix II are made a part of this Purchase Order and shall take precedence over any inconsistent provisions in this Purchase Order.

H. If this Purchase Order is the result of a formal solicitation (Invitation to Bid, Request for Proposal or Invitation to Negotiate), the Department of Management Services Forms PUR1000 and PUR1001, included in the solicitation, are incorporated herein by reference and made a part of this Purchase Order.

I. This Purchase Order embodies the whole agreement of the parties. There are no promises, terms, conditions, or obligations other than those contained herein, and this Purchase Order shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties hereto.

J. The Department may grant the Vendor’s employees or subconsultants access to the Department’s secure networks as part of the project. In the event such employees’ or subconsultants’ participation in the project is terminated or will be terminated, the Vendor shall notify the Department’s project manager no later than the employees’ or subconsultants’ separation date from participation in the project or immediately upon the Vendor acquiring knowledge of such termination of employees’ or subconsultants’ participation in the project, whichever occurs later.

K. Vendor/Contractor:
   1. shall utilize the U.S. Department of Homeland Security’s E-Verify system to verify the employment eligibility of all new employees hired by the Vendor/Contractor during the term of the contract; and
   2. shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security’s E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

The provisions in the PURCHASE ORDER TERMS & CONDITIONS constitute an integral part of the Purchase Order contract. The Vendor acknowledges acceptance of the terms and conditions of this Purchase Order by providing the services described in this Purchase Order.
BID CHECKLIST

(DOES NOT NEED TO BE RETURNED WITH YOUR BID)

This Checklist is provided as a guideline, only, to assist bidders in the preparation of their bid response. Included are some important matters that the bidder should check. This checklist is just a guideline, and is not intended to include all matters required by the ITB. Bidders are responsible to read and comply with the ITB in its entirety.

Check off each the following:

___ 1. The “Bid Sheet” has been filled out completely, signed, and enclosed in the bid response.

___ 2. The Federal Employers Identification Number has been entered in the space provided.

___ 3. “Drug-Free Workplace Program Certification” form has been read, signed, and enclosed in the bid response, if applicable.

___ 4. “Scrutinized Companies Lists” certification form has been read, signed, and enclosed in the bid response, if applicable (bids of $1 million or more).

___ 5. The Scope of Services section has been thoroughly reviewed for compliance to the bid requirements.

___ 6. The prices bid have been reviewed for accuracy and all price corrections have been initialed in ink.

___ 7. The www.myflorida.com website has been checked and any Addendums posted have been completed, signed, and included in the bid response.

___ 8. The bid response must be received, at the location specified, on or before the Bid Due Date and Time designated in the ITB.

___ 9. On the Lower Left Hand Corner of the Envelope transmitting your bid response, write in the following information:

Bid No.: ITB-DOT-16/17-9056-JP

Bid Title: Install VHF Radio Repeater & Battery System at the D6 Sugarloaf Shores site

Opening Date & Time: See “TIMELINE” in INTRODUCTION SECTION