



ADDENDUM 3

January 03, 2020

ITB AP 11-20

Taxiway A Preventative Rehabilitation and Lighting Improvements at DTS

Addendum No. 3 is to modify the Invitation To Bid, Notice to Bidders, Bid Form, Plans and add Clarifications to the specifications, as follows within the following 10 pages within the published Addendum No. 3.

Addendum No. 3 for the above referenced project has been published. All Interested Bidders can download Addendum No. 3 documents via the Okaloosa County Purchasing website.

Please find the Documents for the above referenced project within the Addendum No. 3. This Addendum is hereby made a part of the Contract Documents and Specifications of the above referenced project. All other requirements of the original Contract Documents and Specifications shall remain effective in their respective order. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM (Pages 1 thru 3 and attachments) BY INSERTING ITS NUMBER AND DATE IN THE PROPOSAL FORM.

Note: The ITB Opening Date & Time has changed to January 15, 2020 at 3:30 P.M. CST

DESTIN EXECUTIVE AIRPORT

Destin, FL

ADDENDUM NO. 3

For

TAXIWAY A PREVENTATIVE REHABILITATION AND LIGHTING IMPROVEMENTS

RS&H No. 201-0251-012
AIP No. N/A



RS&H, Inc.
Mobile, AL

January 3, 2020

ADDENDUM NO. 3

This Addendum is hereby made a part of the Contract Documents and Specifications of the above referenced project. All other requirements of the original Contract Documents and Specifications shall remain effective in their respective order.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM (Pages 1 thru 3 and attachments) BY INSERTING ITS NUMBER AND DATE IN THE PROPOSAL FORM.

MODIFICATIONS TO INVITATION TO BID

1. All references to ITB Opening Date & Time shall now read: "January 15, 2020 at 3:45 P.M. (C.S.T.)"

MODIFICATIONS TO NOTICE TO BIDDERS

1. All references to Bid Opening Date & Time shall now read: "January 15, 2020 at 3:45 P.M. (C.S.T.)"

MODIFICATIONS TO BID FORM

1. Remove pages BF-7 – BF-10 in their entirety, **REPLACE** with the attached Bid Form pages BF-7 – BF-10.

MODIFICATIONS TO THE PLANS

1. Sheet C001, INDEX OF DRAWINGS AND SUMMARY OF CONTRACT QUANTITIES, Table of Bid Quantities revised to reflect the replaced Bid Form.

CLARIFICATIONS TO THE SPECIFICATIONS

1. The P-608 Emulsified Asphalt Sealcoat specification will not require on-site friction testing during test strips or following the placement of the sealcoat on the Taxiway Pavement. All other specification requirements, including the on-site Manufacturer's Representative, remain unchanged.

LIST OF ATTACHMENTS

1. Invitation to Bid (ITB) & Respondent's Acknowledgement
2. Notice to Bidders
3. Bid Form
4. Plan Sheet C001, INDEX OF DRAWINGS AND SUMMARY OF CONTRACT QUANTITIES

END OF ADDENDUM NO. 03



INVITATION TO BID (ITB) & RESPONDENT'S ACKNOWLEDGEMENT

ITB TITLE: TAXIWAY A PREVENTATIVE
REHABILITATION AND LIGHTING IMPROVEMENTS AT
THE DESTIN EXECUTIVE AIRPORT (DTS)

ITB NUMBER:
ITB AP 11-20

<u>ISSUE DATE:</u>	November 18, 2019	8:00 A.M. (C.S.T.)
<u>NON-MANDATORY PRE BID MEETING:</u>	December 4, 2019	2:00 P.M. (C.S.T.)
<u>LAST DAY FOR QUESTIONS:</u>	December 11, 2019	3:00 P.M. (C.S.T.)
<u>ITB OPENING DATE & TIME:</u>	January 15, 2020	3:30 P.M. (C.S.T.)

NOTE: BIDS RECEIVED AFTER THE BID OPENING DATE & TIME WILL NOT BE CONSIDERED.

Okaloosa County, Florida solicits your company to submit a bid on the above referenced goods or services. All terms, specifications and conditions set forth in this ITB are incorporated into your response. A bid will not be accepted unless all conditions have been met. All bids must have an authorized signature in the space provided below. All bids must be sealed and received by the Okaloosa County Clerk of Court by the "ITB Opening Date & Time" referenced above. Okaloosa County is not responsible for lost or late delivery of bids by the U.S. Postal Service or other delivery services used by the respondent. Neither faxed nor electronically submitted bids will be accepted. Bids may not be withdrawn for a period of one hundred and twenty (120) days after the bid opening unless otherwise specified.

RESPONDENT ACKNOWLEDGEMENT FORM BELOW MUST BE COMPLETED, SIGNED, AND RETURNED AS PART OF YOUR BID. BIDS WILL NOT BE ACCEPTED WITHOUT THIS FORM, SIGNED BY AN AUTHORIZED AGENT OF THE RESPONDENT.

COMPANY NAME _____

MAILING ADDRESS _____

CITY, STATE, ZIP _____

FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN): _____

TELEPHONE NUMBER: _____ EXT: _____ FAX: _____

EMAIL: _____

I CERTIFY THAT THIS BID IS MADE WITHOUT PRIOR UNDERSTANDING, AGREEMENT, OR CONNECTION WITH ANY OTHER RESPONDENT SUBMITTING A BID FOR THE SAME MATERIALS, SUPPLIES, EQUIPMENT OR SERVICES, AND IS IN ALL RESPECTS FAIR AND WITHOUT COLLUSION OR FRAUD. I AGREE TO ABIDE BY ALL TERMS AND CONDITIONS OF THIS BID AND CERTIFY THAT I AM AUTHORIZED TO SIGN THIS BID FOR THE RESPONDENT.

AUTHORIZED SIGNATURE: _____ TYPED OR PRINTED NAME _____

TITLE: _____ DATE _____

Rev: September 22, 2015

DESTIN, FL
DESTIN EXECUTIVE AIRPORT
TAXIWAY A PREVENTATIVE REHABILITATION
AND LIGHTING IMPROVEMENTS

ITB-1

INVITATION TO BID
JANUARY 2020
BID DOCUMENTS – ADD 03

NOTICE TO BIDDERS

TAXIWAY A PREVENTATIVE REHABILITATION AND LIGHTING IMPROVEMENTS
at
DESTIN EXECUTIVE AIRPORT (DTS)
DESTIN, OKALOOSA COUNTY, FLORIDA

Notice is hereby given that the Board of County Commissioners of Okaloosa County will receive sealed bids until January 15, 2020 at 3:30 P.M. (C.S.T.) for the Destin Executive Airport – Taxiway A Preventative Rehabilitation and Lighting Improvements at DTS project. Interested respondents desiring consideration shall provide an original and two (2) copies [total three (3)] of their Invitation to Bid (ITB) response with the respondent's area of expertise identified. Submissions shall be portrait oriented, unbound, and 8 ½"x 11" where practical. **All originals must have original signatures in blue ink.**

Bid Documents can be viewed at <https://www.bidnetdirect.com/florida> or at <http://www.myokaloosa.com/purchasing/home> then accessing the link "View Current Solicitations".

Okaloosa County (COUNTY) desires to apply a bituminous seal coat, install pavement markings, and remove and replace the existing taxiway edge lighting system on Taxiway A at Destin Executive Airport. The project will extend the life of the taxiway pavement by sealing existing cracks in the asphalt pavement and restoring the existing asphalt surface binder. The lighting improvements will allow for a new reliable system in place of the current inconsistent edge lighting and cables. Impacts to existing airport facilities that will be incurred include: partial closures of Taxiway A and Taxiways A1-A6 to aircraft operations.

Funding for this project is being provided by Okaloosa County and Florida Department of Transportation (FDOT) and will be subject to all applicable County, State and Federal requirements.

A non-mandatory Pre-Bid Conference will be conducted at the Destin-Fort Walton Beach Airport, Conference Room No. 1, 1701 State Road 85 North, Eglin AFB, Florida 32542-1498, on December 04, 2019 at 2:00 P.M. (C.S.T.). Okaloosa County will transmit to all plan holders of record an Addenda in response to written questions received no later than seven (7) days prior to Bid Opening date. Oral statements may not be relied upon and will not be binding or legally effective.

On January 15, 2020 at 3:30 P.M. (C.S.T.), all bids will be opened and read aloud. All bids must be in sealed envelopes reflecting on the outside thereof the Respondent's name and "DTS Taxiway A Preventative Rehabilitation and Lighting Improvements". The Board of County Commissioners will consider all bids properly submitted at its scheduled bid opening in the Okaloosa County Courthouse located at 101 East James Lee Boulevard, Room 282, Crestview, FL 32536. Bids may be submitted in the Crestview Courthouse prior to bid opening or delivered to the Okaloosa County Courthouse, 101 James Lee Boulevard, Room 282, Crestview, FL 32536. ****NOTE: MUST RING DOORBELL TO GAIN ENTRANCE INTO ROOM 282. THE CLERK WILL COME ACCEPT YOUR PACKAGE OR SHOW YOU TO THE CONFERENCE ROOM FOR THE SCHEDULED BID OPENING****

NOTE: THE NEW CRESTVIEW COURTHOUSE HAS SECURITY AT ENTRY POINT- PLEASE ALLOW FOR TIME TO GET THROUGH SECURITY WHEN ARRIVING FOR THE BID OPENING.

NOTE: Crestview, FL is not a next day guaranteed delivery location by most delivery services. Respondents using mail or delivery services assume all risks of late or non-delivery.

All originals must have original signatures in blue pen ink.

OWNER'S CONTACT:

Jessica Darr
Contracts & Lease Coordinator
Okaloosa County Purchasing Department
5479 Old Bethel Rd., Suite A Crestview, FL 32536
Tel: 850-689-5960
jdarr@myokaloosa.com

All bids should be addressed as follows:

ITB AP 11-20

BID ENCLOSED – TAXIWAY A PREVENTATIVE REHABILITATION AND LIGHTING IMPROVEMENTS AT DTS

Attn: Clerk of the Court
101 East James Lee Blvd. Room 282
Crestview, FL 32536

Jeff Hyde
Purchasing Manager

Date

BOARD OF COUNTY COMMISSIONERS
OKALOOSA COUNTY, FL

Chair

BID SCHEDULE - UNIT PRICES

CONTRACTOR: _____ **DATE:** _____

AIRPORT NAME: Destin Executive Airport
PROJECT DESCRIPTION: Taxiway A Preventative Rehabilitation and Lighting Improvements

BID SCHEDULE

Quote Item No.	Item No.	Item Description & Unit Price In Words	Unit	Estimated Quantity	Unit Price	Total Amt./ Item
1	C-100-14.1	<u>Contractor Quality Control Program (CQCP)</u> _____ dollars and cents	LS	1		
2	C-105-6.1	<u>Mobilization</u> _____ dollars and cents	LS	1		
3	P-102-10.1	<u>Safety and Security</u> _____ dollars and cents	LS	1		
4	P-105-5.1	<u>Temporary Construction Items</u> _____ dollars and cents	LS	1		
5	P-101-5.1	<u>Bituminous Pavement Removal, Full Depth</u> _____ dollars and cents	SY	1,100		
6	P-101-5.2	<u>Concrete Pavement Removal, Full Depth</u> _____ dollars and cents	SY	90		
7	P-101-5.3	<u>Existing Drainage Pipe Removal</u> _____ dollars and cents	LF	140		

8	P-209-5.1	<u>Crushed Aggregate Base Course</u> _____ dollars and cents	CY	250		
9	P-605-5.1	<u>Bituminous Crack Sealing</u> _____ dollars and cents	LF	25,000		
10	P-608-8.1	<u>Asphalt Surface Treatment</u> _____ dollars and cents	SY	32,000		
11	P-610-6.1	<u>8" Structural Concrete Pavement</u> _____ dollars and cents	SY	430		
12	P-620-5.1	<u>Taxiway Marking with Reflective Beads</u> _____ dollars and cents	SF	5,300		
13	P-620-5.2	<u>Taxiway Black Enhancement Marking without Reflective Beads</u> _____ dollars and cents	SF	10,200		
14	P-620-5.3	<u>Temporary Taxiway Marking without Reflective Beads</u> _____ dollars and cents	SF	15,500		
15	D-701-5.1	<u>18" Class V Storm Drain Pipe Including FDOT 273 Concrete Mitered End Section</u> _____ dollars and cents	LF	140		
16	D-701-5.2	<u>Connect to Existing Catch Basin</u> _____ dollars and cents	EA	1		
17	T-904-5.1	<u>Sodding</u> _____ dollars and cents	SY	1,250		

18	T-905-5.1	<u>Topsoil (Furnished From off the Site)</u> _____ dollars and cents	CY	150		
19	L-108-5.1	<u>No. 8 AWG, 5kV, L-824, Type C Cable, Installed in Duct Bank or Conduit</u> _____ dollars and cents	LF	14,500		
20	L-108-5.2	<u>No. 2 AWG, Solid Bare Counterpoise Wire, Installed in Trench, Above Duct Bank or Conduit, Including Ground Rods and Ground Connectors</u> _____ dollars and cents	LF	12,000		
21	L-110-5.1	<u>Non-Encased Electrical Conduit, 1-Way, 2-Inch</u> _____ dollars and cents	LF	12,000		
22	L-110-5.2	<u>Directionally Drilled Electrical Conduit, 2-Way, 2-Inch</u> _____ dollars and cents	LF	700		
23	L-115-5.1	<u>L-867D Junction Can</u> _____ dollars and cents	EA	12		
24	L-125-5.1	<u>L-861T(L) Taxiway Edge Light and Isolation Transformer on New L-867B Base</u> _____ dollars and cents	EA	196		
25	L-125-5.2	<u>Remove Taxiway Edge Light and Isolation Transformer</u> _____ dollars and cents	EA	131		
26	L-125-5.3	<u>Guidance Sign Panel Replacement</u> _____ dollars and cents	EA	2		

FOR ALL WORK REQUIRED IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS, SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS, INCLUDING ALL COSTS RELATED TO THE WORK, AND ANY REQUIRED PERMITS, TAXES, BONDS AND INSURANCE, THE UNDERSIGNED SUBMITS A TOTAL BID AMOUNT OF:

TOTAL BID (amount in words):

_____ Dollars and
_____ cents

(\$ _____)
(amount in numbers)

The Contractor represents that it has examined the site of the Work and informed itself fully in regard to all conditions pertaining to the place where the work is to be done; that it has examined the plans and specifications for the work and other Contract Documents relative thereto and has read all of the Addenda furnished prior to the opening of the Bids, as acknowledged below; and that it has otherwise fully informed itself regarding the nature, extent, scope and details of the Work to be performed.

If provided with a Notice of Intent to Award the Contract by the Owner, the Contractor shall execute and deliver to the Owner all of the documents required by the Contract Documents, including but not limited to, the Addendum to the Agreement and the Performance and Payment Bonds in the form contained in the Contract Documents, furnish the required evidence of the specified insurance coverages, furnish all necessary permits, license, materials, equipment, machinery, maintenance, tools, apparatus, means of transportation and labor necessary to complete the Work.

Dated and signed at _____, _____, this _____ day of _____, 2019.

(Name of Bidder)

(Authorized Signature)

(Title)

(Mailing Address)

(City, State, Zip)

(Federal ID No. or SS No.)

INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	SHEET TITLE
GENERAL		
C000	1	COVER SHEET
C001	2	INDEX OF DRAWINGS AND SUMMARY OF CONTRACT QUANTITIES
C002	3	SAFETY AND SECURITY NOTES AND DETAILS
C003	4	CONTRACT LAYOUT PLAN AND GENERAL NOTES
C004	5	OVERALL PHASING PLAN
C005	6	HORIZONTAL AND VERTICAL CONTROL PLAN
CIVIL		
C101	7	DEMOLITION PLAN (SHEET 1 OF 4)
C102	8	DEMOLITION PLAN (SHEET 1 OF 4)
C103	9	DEMOLITION PLAN (SHEET 1 OF 4)
C104	10	DEMOLITION PLAN (SHEET 1 OF 4)
C201	11	PAVEMENT REHABILITATION PLAN (SHEET 1 OF 5)
C202	12	PAVEMENT REHABILITATION PLAN (SHEET 2 OF 5)
C203	13	PAVEMENT REHABILITATION PLAN (SHEET 3 OF 5)
C204	14	PAVEMENT REHABILITATION PLAN (SHEET 4 OF 5)
C205	15	PAVEMENT REHABILITATION PLAN (SHEET 5 OF 5)
C250	16	PAVEMENT REPAIR AND DRAINAGE NOTES AND DETAILS
C251	17	PAVEMENT SECTION AND JOINTING NOTES AN DETAILS
C701	18	PAVEMENT MARKING PLAN (SHEET 1 OF 5)
C702	19	PAVEMENT MARKING PLAN (SHEET 2 OF 5)
C703	20	PAVEMENT MARKING PLAN (SHEET 3 OF 5)
C704	21	PAVEMENT MARKING PLAN (SHEET 4 OF 5)
C705	22	PAVEMENT MARKING PLAN (SHEET 5 OF 5)
C750	23	PAVEMENT MARKING DETAILS
ELECTRICAL		
E001	24	AIRFIELD ELECTRICAL LEGEND, NOTES AND ABBREVIATIONS
E101	25	ELECTRICAL DEMOLITION PLAN (SHEET 1 OF 5)
E102	26	ELECTRICAL DEMOLITION PLAN (SHEET 2 OF 5)
E103	27	ELECTRICAL DEMOLITION PLAN (SHEET 3 OF 5)
E104	28	ELECTRICAL DEMOLITION PLAN (SHEET 4 OF 5)
E105	29	ELECTRICAL DEMOLITION PLAN (SHEET 5 OF 5)
E201	30	PROPOSED LIGHTING PLAN (SHEET 1 OF 5)
E202	31	PROPOSED LIGHTING PLAN (SHEET 2 OF 5)
E203	32	PROPOSED LIGHTING PLAN (SHEET 3 OF 5)
E204	33	PROPOSED LIGHTING PLAN (SHEET 4 OF 5)
E205	34	PROPOSED LIGHTING PLAN (SHEET 5 OF 5)
E301	35	ELEVATED LIGHT DETAILS AND NOTES
E302	36	JUNCTION CAN DETAILS AND NOTES
E303	37	SIGN PANEL REPLACEMENT DETAILS AND NOTES

ABBREVIATIONS

ABC - AGGREGATE BASE COURSE	AC/ACP - ASPHALTIC CONCRETE PAVEMENT	ACI - AMERICAN CONCRETE INSTITUTE	ADG - AIRPLANE DESIGN GROUP	API - AIRPORT IMPROVEMENT PROGRAM	AOA - AIRCRAFT OPERATIONS AREA	API - AMERICAN PETROLEUM INSTITUTE	APPROX. - APPROXIMATE	ASIG - AIRCRAFT SERVICE INTERNATIONAL GROUP	ASR - AIRPORT SURVEILLANCE RADAR	ASTM - AMERICAN SOCIETY FOR TESTING AND MATERIALS	AUG - AUGER	AWG - AMERICAN WIRE GAUGE	B - BASELINE	BF - BLIND FLANGE	BFV - BUTTERFLY VALVE	BLDG - BUILDING	BO - BOTTOM OF	BOSC - BOTTOM OF SECONDARY CONTAINMENT	BOP - BOTTOM OF PIPE	BOD - BOTTOM OF DUCT	BODWP - BOTTOM OF DOUBLE WALL PIPE	BOTT. - BOTTOM	CL/C - CENTERLINE	C - CONDUIT	CD-ROM - COMPACT DISK-READ ONLY MEMORY	CBR - CALIFORNIA BEARING RATIO	CKT - CIRCUIT	CLR - CLEARANCE	COM - COMMUNICATION	CONC - CONCRETE	CONN - CONNECTION	CONT - CONTINUOUS	CS - CARBON STEEL	CS - CARBON STEEL	CSSO - CONTRACTOR SECURITY AND SECURITY OFFICER	CVV - CONTROL VALVE VAULT	DB&B - DOUBLE BLOCK & BLEED	DBL - DOUBLE	DET - DETAIL	DIP - DUCTILE IRON PIPE	DIA - DIAMETER	DIAG. - DIAGONAL	DWG - DRAWING	DWJFP - DOUBLE WALL JET FUEL PIPE	E - EASTING	EA - EACH	ECC - ECCENTRIC	EFSSO - EMERGENCY FUEL SHUT-OFF SYSTEM	EG - EXISTING GROUND	EL/ELEV - ELEVATION	ELEC - ELECTRICAL	ELL - ELBOW	EMT - ELECTRICAL MECHANICAL TUBING	EOP - EDGE OF PAVEMENT	EX/EXST/EXIST - EXISTING	FAA - FEDERAL AVIATION ADMINISTRATION	FBI - FEDERAL BUREAU OF INVESTIGATIONS	FD - FIRE DEPARTMENT	FDEP - FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	FDOT - FLORIDA DEPARTMENT OF TRANSPORTATION	FF - FINISHED FLOOR	FH - FIRE HYDRANT	FLG - FLANGE	FLR - FLOOR	FM - FORCE MAIN	FM - FLOW METER	FNPT - FEMALE NATIONAL FIRE THREAD	FO - FIBER OPTIC	FOD - FOREIGN OBJECT DEBRIS	FW - FIRE WATER	GALV - GALVANIZED	GND. - GROUND	GNE - GROUNDWATER NOT ENCOUNTERED	GRS - GALVANIZED RIGID STEEL	GSE - GROUND SERVICE EQUIPMENT	GV - GAS VALVE	GWL - GROUND WATER LEVEL	HORT - HORIZONTAL	HP - HYDRANT PIT	HPV - HIGH POINT VENT	I/C - NUMBER OF CONDUCTORS/CONDUCTOR	ID - IDENTIFICATION	I.D. - INNER DIAMETER	IE/INV - INVERT ELEVATION / INVERT	I.F. - INSULATING FLANGE	ISO - ISOLATION	IVP - ISOLATION VALVE PIT	JF - JET FUEL	JFP - JET FUEL PIPE	KIP - 1,000 LBS	KV - KILOVOLT	L - LIGHTING	LB - POUND	LCD - LIQUID-CRYSTAL DISPLAY	LED - LIGHT-EMITTING DIODE	LEO - LAW ENFORCEMENT OFFICER	LF - LINEAR FEET	LPD - LOW POINT DRAIN	LT - LEFT	MAX - MAXIMUM	MECH - MECHANICAL	MH - MANHOLE	MIN - MINIMUM	MNPT - MALE NATIONAL PIPE THREAD	MON - MONITORING (WELL)	MSL - MEAN SEA LEVEL	N - NORTHING OR NO. OF BLOWS	NAD - NORTH AMERICAN DATUM	NAVAIDS - NAVIGATIONAL AIDS	NEC - NATIONAL ELECTRIC CODE	NFPA - NATIONAL FIRE PROTECTION ASSOCIATION	NGVD - NATIONAL GEODETIC VERTICAL DATUM	NO - NUMBER	NOTAM - NOTICE TO AIRMEN	NPT - NATIONAL PIPE THREAD	NTS - NOT TO SCALE	OC - ON CENTER	OD - OUTER DIAMETER	OFA - OBJECT FREE AREA	O/S - OUTSIDE	OZ - OUNCE	PAVT - PAVEMENT	PC - POINT OF CURVATURE	PCC - PORTLAND CEMENT CONCRETE	PERF - PERFORATED	PF - PLUG/CO FLANGE	PG - PRESSURE GAUGE	PG - PROPOSED GRADE	PK - PEAK	PKG - PARKING	PL - PLATE	PNL-CKT - PANEL CIRCUIT	PS - PIPE SUPPORT	PSF - POUNDS PER SQUARE FOOT	PSI - POUNDS PER SQUARE INCH	PT - POINT OF TANGENCY	PVC - POLYVINYL CHLORIDE	PVI - POINT OF VERTICAL INTERSECTION	RCP - REINFORCED CONCRETE PIPE	RD - ROOF DRAIN	RED - REDUCER	REF - REFERENCE	REINF - REINFORCED	REQ/REQ'D - REQUIRED	RGL - RUNWAY GUARD LIGHTS	RF - RAISED FACE	RIM - RIM ELEVATION	RPR - RESIDENT PROJECT REPRESENTATIVE	RPZ - RUNWAY PROTECTION ZONE	RSA - RUNWAY SAFETY AREA	RT - RIGHT	RVZ-F - RUNWAY VISUAL ZONE - F	RW - RUNWAY	RWL - RAIN WATER LEADER	S/SAN - SANITARY	SC - SECONDARY CONTAINMENT	SCH/SCHED - SCHEDULE	SD - STORM DRAIN	SHT - SHEET	SIDA - SECURITY IDENTIFICATION DISPLAY AREA	SF - SQUARE FOOT	SF/GAL - SQUARE FEET PER GALLON	SP - SINGLE PIPE	SP-SC - SINGLE PIPE / SECONDARY CONTAINMENT	SPT - STANDARD PENETRATION TEST	SS - STAINLESS STEEL	STA - STATION	STD - STANDARD	STL - STEEL	STRUCT - STRUCTURE	SWJFP - SINGLE WALL JET FUEL PIPELINE	SW - SINGLE WALL	TBR - TO BE REMOVED	TDZ - TOUCHDOWN ZONE	TEL - TELEPHONE	TEMP - TEMPORARY	THD - THREADED	THK - THICK	T/L - TAXILANE	T.O. - TOP OF	TOC - TOP OF CONCRETE	TOD - TOP OF DUCT	TOFA - TAXIWAY OBJECT FREE AREA	TSA - TAXIWAY SAFETY AREA	TSP - TWISTED SHIELDED PAIR	T/W - TAXIWAY	TYP - TYPICAL	UD - UNDERDRAIN	UG - UNDERGROUND	UMH - UNIDENTIFIED MANHOLE	U.N.O. - UNLESS NOTED OTHERWISE	VA - VOLT-AMPS	VAC - VACUUM	VDC - VOLTAGE DIRECT CURRENT	VERT - VERTICAL	W - WATER	WTR - WATER	W/ - WITH	W/O - WITHOUT	WM - WATER MAIN	WN - WELD NECK	WNF - WELD NECK FLANGE	WP - WEATHER PROOF	WV - WATER VALVE
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ITEM NUMBER	ITEM DESCRIPTION	UNIT	BID QUANTITY	CHANGE ORDERS					FINAL QUANTITY
BASE BID									
C-100-14.1	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	LS	1						
C-105-6.1	MOBILIZATION	LS	1						
P-102-10.1	SAFETY AND SECURITY	LS	1						
P-105-5.1	TEMPORARY CONSTRUCTION ITEMS	LS	1						
P-101-5.1	BITUMINOUS PAVEMENT REMOVAL, FULL DEPTH	SY	1,100						
P-101-5.2	CONCRETE PAVEMENT REMOVAL, FULL DEPTH	SY	90						
P-101-5.3	EXISTING DRAINAGE PIPE REMOVAL	LF	140						
P-209-5.1	CRUSHED AGGREGATE BASE COURSE	CY	250						
P-605-5.1	BITUMINOUS CRACK SEALING	LF	25,000						
P-608-8.1	ASPHALT SURFACE TREATMENT	SY	32,000						
P-610-6.1	8" STRUCTURAL CONCRETE PAVEMENT	SY	430						
P-620-5.1	RUNWAY AND TAXIWAY MARKING WITH REFLECTIVE BEADS	SF	5,300						
P-620-5.2	RUNWAY AND TAXIWAY BLACK ENHANCEMENT MARKING WITHOUT REFLECTIVE BEADS	SF	10,200						
P-620-5.3	TEMPORARY RUNWAY AND TAXIWAY MARKING WITHOUT REFLECTIVE BEADS	SF	15,500						
P-701-5.1	18" CLASS V STORM DRAIN PIPE INCLUDING FDOT 273 CONCRETE MITERED END SECTION	LF	140						
T-701-5.2	CONNECT TO EXISTING CATCH BASIN	EACH	1						
T-904-5.1	SODDING	SY	1250						
T-905-5.1	TOPSOIL (FURNISHED FROM OFF THE SITE)	CY	150						
L-108-5.1	NO. 8 AWG, 5KV, L-824, TYPE C CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	LF	14,500						
L-108-5.2	NO. 2 AWG, SOLID BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH ABOVE THE DUCT BANK OR CONDUIT, INCLUDING CONNECTIONS/TERMINATIONS	LF	12,000						
L-110-5.1	NON-ENCASED ELECTRICAL CONDUIT, 1-WAY, 2-INCH	LF	12,000						
L-110-5.2	DIRECTIONALLY DRILLED ELECTRICAL CONDUIT, 2-WAY, 2-INCH	LF	700						
L-115-5.1	L-867D JUNCTION CAN	EACH	12						
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DATE ISSUED: OCTOBER 3, 2019

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INDEX OF DRAWINGS AND SUMMARY OF CONTRACT QUANTITIES

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