

Financial Management Department Purchasing Division 1112 Manatee Ave W Suite 803 Bradenton, FL 34205 Phone: (941) 749-3074 www.mymanatee.org

Email October 31, 2016

TO: All Interested Bidders

SUBJECT: Invitation for Bid #16-1930DC

Force Main Tara 20

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on the Bid Form and made a part of the above named bidding and contract documents.

1. QUESTION: Reference Addendum 1, Item 6: we are instructed to edit our plan sheet to add a valve at the location this response refers to, but the 24-inch Plug Valve quantity on the bid form was not changed.

RESPONSE: Bid Form Item 7A quantity is revised to 4, in lieu of 3; the revised Bid Form is attached.

2. **QUESTION:** Reference Addendum 1, Item 7: The 24-inch wye and 24-inch plug will be installed and available for connecting to. Request to have a valve between the branch off of the wye and the plug in order to keep raw sewage from spilling out when it comes time to make the connection. Shouldn't there be a valve at this location?

RESPONSE: No. This wye is only a backup in case FDOT does not allow the future force main to be on FDOT right of way.

3. **QUESTION:** Reference Addendum 1, Item 8: The plan view shows a dashed line to the west at the connection point, this dashed line made us think that there is also an existing pipe to be connected to and that is why QUESTION 8 was asked. If we are not connecting to a pipe that goes west from the connection point then we do not need to know the size of the pipe and then QUESTION 9 would not be necessary. Please review plan sheet 3 at station 101+61, 11' Right and confirm what the dashed line to the west is supposed to be.

RESPONSE: The dashed line to the west represents Toe of Slope of the existing ditch, labelled TOS.

- QUESTION: Reference plan sheet 24, PIPE PIGGING STATION, INLET/OUTLET DETAIL, how are the pipe pigging stations to be paid? I do not see a bid item for them, please clarify.
 - **RESPONSE:** Pig stations will be paid in Bid Form Items: Item 1 for 20" DIP per LF; Item 7 for 20" Gate Valve per EA; and Item 8 for DI Fittings per LB.
- 5. QUESTION: Reference bid form, bid item 8, Fittings, if this bid item is to include the array of fittings for the pigging stations, then please add a separate bid item for the pigging stations as there are special nipple pieces of pipe, flange by plain end pieces of ductile iron pipe, blind flanges and flange accessory sets of materials needed that Bid Item 8 is not designed to accommodate for payment. Please review.
 - **RESPONSE:** All pigging station components will be paid under other items as indicated in above item, no new item is necessary.
- 6. **CLARIFICATION:** Specification Section 01150 Bid Item Descriptions for items 1, 1A, 2, and 3 are revised to include the costs for pigging the proposed force mains. (revised description attached)
- 7. QUESTION: Reference plan sheet 20, station 187+97, has the County determined if the existing 30-inch force main at this location is structurally sound enough to receive a 20-inch tap?
 - **RESPONSE:** No. Prior to tapping, the contractor may do his own non-destructive investigation of pipe wall thickness if desired. A change order may be issued if the contractor provides sufficient data to the Engineer of Record and the EOR orders additional work or changes.
- 8. **QUESTION:** Reference plan sheet 3, station 101+35, 15' Right, has the County determined if the existing 20-inch force main at this location is structurally sound enough to receive an 18-inch tap?
 - **RESPONSE:** No. The contractor may perform his own non-destructive investigation of the pipe if desired, prior to tapping.
- 9. **QUESTION:** Reference plan sheet 3, station 101+40, 15' Right, the post in the field next to this valve has a sign on it that reads "18-Inch Gate Valve", plans are showing the force main as 20-inch, please clarify.
 - **RESPONSE:** County records indicate a 20" force main in this area, bid as specified. If during the construction, it is discovered the force main in this area is 18", an 18x16 tapping valve and 16x18 reducer to connect to the 18" temporary bypass pipe will be evaluated at that time.

10. QUESTION: Will Florida Power and Light, (FPL), allow the Contractor access to their corridor through the gate at the south end of the job off Lena Road? If so, can the County get FPL to mow their access road?

ANSWER: The County has not obtained access thru Lots 13, 14, and 15 at the South end of the project, which are private property. The Contractor may ask FPL to allow access thru the gate. The County cannot get FPL to mow their road.

11. QUESTION: Reference plan sheet 3, the temporary bypass piping between the 20"x18" TSTV and the Pigging Inlet, the note regarding the type of pipe for this bypass tells us that either HDPE DR-11 or ductile iron pipe can be used, what about 18" C-900, SDR-18 PVC pipe, can we use that? The bypass pipe gets removed anyway right?

RESPONSE: No. The bypass pipe must be HDPE or DI Pipe.

12. QUESTION: Reference bid form, bid item 3, 20" Fusible PVC (C-905) Force Main (HDD) DR-21, will the County consider the use of HDPE DR-11 of the same diameter?

RESPONSE: No.

13. QUESTION: Reference Addendum 1, Item 22, the plans tell us (CONSENT FOR ACCESS OBTAINED BY COUNTY), we will need access across Lots 13, 14, and 15 and look to the County to get property owners consent.

RESPONSE: The County has obtained authorization for Contractor access via Lena Road ROW/culdesac and the FPL Easement/Creekwood Common Area as shown on the plans Sheet 23, and via County property and County easements. For any alternate access, i.e, FPL easement on private Lots 13, 14, and 15, the Contractor may attempt to get approval from these land owners to traverse their property by no involvement of the County.

14. QUESTION: Reference specifications, RIGHT-OF-WAY CONSENT AGREEMENT, Florida Power & Light Company (FPL), page 2 of 9, par. 4, first sentence, restricting equipment to a fourteen (14) foot height, this height restriction makes it impossible to unload pipe off the vendors truck with conventional construction equipment, can the County get a variance on the height restriction?

RESPONSE: No variance of the height restriction will be pursued by the County. The Contractor is responsible for construction means and methods.

15. QUESTION: Reference specifications, RIGHT-OF-WAY CONSENT AGREEMENT, Florida Power & Light Company (FPL), page 2 of 9, par. 4, second sentence, how are we to maintain seventy-five (75) feet of clearance from FPL's facility when the proposed alignment of the new force main is only twenty (20) feet away from FPL's distribution facility?

RESPONSE: The County has two utility easements along the existing force main as shown on the plans, one is 20 feet wide which contains the existing and proposed force mains and lies adjacent to the east boundary of the FPL 330 foot wide easement. In addition, there is a 10ft wide county utility easement on the Creekwood Common Area (containing the FPL easement) along the west side of the 20 foot wide easement. The high voltage FPL towers are approximately 135 feet clear of the work area, so this leaves 60 feet beyond the 75 foot clearance required by FPL. The Contractor is not prohibited from working within 75ft of the low voltage (23KV) wood distribution poles running 10 feet west of the east edge of the FPL easement; however, the Contractor must comply with OSHA regulations. The Contractor may contact FPL Transmission staff Ben Bohanan at 941 483 2001 for further information and a safety meeting prior to starting construction.

16. **QUESTION**: Reference specifications, RIGHT-OF-WAY CONSENT AGREEMENT, Florida Power & Light Company (FPL), page 2 of 9, par. 8, our Exhibit 'C' does not have Form 360, can this be provided?

RESPONSE: Yes, document is included with this Addendum 2.

17. QUESTION: Reference specifications, RIGHT-OF-WAY CONSENT AGREEMENT, Florida Power & Light Company (FPL), page 5 of 9, par. 20, where is the Addendum this paragraph is referring to?

RESPONSE: The Addendum referred to in paragraph 20 of the FPL consent agreement is the Right of Way Use Customer Guidelines. This document is included with this Addendum 2.

If you have submitted a bid prior to receiving this addendum you may request <u>in writing</u> that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **November 8, 2016 at 3:00 P.M.**

Sincerely,

Melissa M. Wendel, CPPO

Purchasing Official

/dcr

Attachment: Revised Bid Form (Electronic copy available)

Measurement and Payment revised items

FPL Agreement Addendum 1

BID FORM (Submit In Triplicate)

TARA 20 FORCE MAIN PARRALLEL TO LENA ROAD

BID "A" 450 CALENDAR DAYS COMPLETION

	DESCRIPTION	EST QTY.	UNITS	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1.	20" DIP CL 350 Force Main (Direct Bury)	200	LF	-	-
1A	24" DIP CL 350 Force Main (Direct Bury)	80	LF	-	-
2.	20" PVC Force Main (C 905) (Direct Bury)	1,600	LF	-	-
3.	20" Fusible PVC (C905) Force Main (HDD) DR21	6,900	LF	-	-
4.	Pipe Restraints 20"	45	EA	-	-
4A	Pipe Restraints 24"	12	EA	-	-
4B	Pipe Restraints 20" for 20" PVC Bell Joint	18	EA	•	-
5.	30x20" Tapping Valve & Sleeve	1	EA	-	-
6.	18" Plug Valve	1	EA	-	-
7.	20' Gate Valve	11	EA	-	-
7A	24" Plug Valve	4	EA	-	-
	6" Gate Valve	1	EA	-	-
8.	DI Fittings, Wastewater	33,000	LB	-	-
9.	Connect to Exist. Force Main	4	EA	-	-
10.	Asphalt Road Restoration (Base & Resurface)	30	SY	-	-
11.	Asphalt Road Restoration (Mill & Resurface)	125	SY	-	-
12.	Curb & Gutter Replacement	45	LF	•	-
13.	HydroSeeding	11,600	SY	•	-
14.	Sodding	1,200	SY	-	-
15.	Air Release Valve Assembly incl. Manhole	4	EA	-	-
16.	Air Release Valve Assembly	3	EA	-	-
17.	Erosion Control	1	LS	-	-
18.	Traffic Control to FDOT Standards	1	LS	-	-
19.	Miscellaneous Concrete	20	CY	-	-
20.	Clearing and Grubbing	4	AC	-	-
21.	Soil Tracking Prevention Device	2	EA	-	-
22.	Staked Silt Fence	7,600	LF	-	-
23.	Crushed Shell for Temporary Road Base	220	TONS	-	-
24.	Sidewalk Restoration	40	SY	-	-
25.	Temporary Force Main Bypass	1	LS	-	-
	Mobilization	1	LS	-	-
27.	Miscellaneous Work & Clean Up	1	LS	-	-
	BASE BID (ITEMS 1 - 27)				\$ -
28.	Contingency	10% of Ba	ase Bid		-
	BID "A" - TOTAL BID PRICE (ITEMS 1 - 28)				\$ -

Blader:	 	 	
Signature:			

BID FORM (Submit In Triplicate)

TARA 20 FORCE MAIN PARRALLEL TO LENA ROAD

BID "B" 330 CALENDAR DAYS COMPLETION

	DESCRIPTION	EST QTY.	UNITS	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1.	20" DIP CL 350 Force Main (Direct Bury)	200	LF	-	-
1A	24" DIP CL 350 Force Main (Direct Bury)	80	LF	-	-
2.	20" PVC Force Main (C 905) (Direct Bury)	1,600	LF	-	-
3.	20" Fusible PVC (C905) Force Main (HDD) DR21	6,900	LF	-	-
4.	Pipe Restraints 20"	45	EA	<u>-</u>	-
4A	Pipe Restraints 24"	12	EA	-	-
4B	Pipe Restraints 20" for 20" PVC Bell Joint	18	EA	-	-
5.	30x20" Tapping Valve & Sleeve	1	EA	-	-
6.	18" Plug Valve	1	EA	-	-
7.	20' Gate Valve	11	EA	-	-
7A	24" Plug Valve	4	EA	-	-
7B	6" Gate Valve	1	EA	-	-
8.	DI Fittings, Wastewater	33,000	LB	-	-
9.	Connect to Exist. Force Main	4	EA	-	-
10.	Asphalt Road Restoration (Base & Resurface)	30	SY	-	-
11.	Asphalt Road Restoration (Mill & Resurface)	125	SY	-	-
12.	Curb & Gutter Replacement	45	LF	-	-
13.	HydroSeeding	11,600	SY	-	-
14.	Sodding	1,200	SY	-	-
15.	Air Release Valve Assembly incl. Manhole	4	EA	-	-
16.	Air Release Valve Assembly	3	EA	-	-
17.	Erosion Control	1	LS	-	-
18.	Traffic Control to FDOT Standards	1	LS	-	-
19.	Miscellaneous Concrete	20	CY	-	-
20.	Clearing and Grubbing	4	AC	-	-
21.	Soil Tracking Prevention Device	2	EA	<u>-</u>	-
22.	Staked Silt Fence	7,600	LF	<u>-</u>	-
23.	Crushed Shell for Temporary Road Base	220	TONS	<u>-</u>	-
24.	Sidewalk Restoration	40	SY	<u>-</u>	-
25.	Temporary Force Main Bypass	1	LS	<u>-</u>	-
26.	Mobilization	1	LS	-	-
27.	Miscellaneous Work & Clean Up	1	LS	-	-
	BASE BID (ITEMS 1 - 27)				\$ -
28.	Contingency	10% of Ba	ase Bid		\$ -
	BID "B" - TOTAL BID PRICE (ITEMS 1 - 28)				\$ -

Bidder:	 	
Signature:		

SPECIFICATION SECTION 01150 MEASUREMENT & PAYMENT

Bid Item description has been revised to include "pigging" per the following items:

BID ITEM 1 & 1A - DUCTILE IRON CL 350 FORCE MAIN (DIRECT BURY)

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter and class of epoxy lined ductile iron main (AWWA C-151, CL-350) pipe as shown on the Contract Drawings and where directed by the Project Representative. Measurement and Payment shall be made for the actual length of the listed diameter pipe installed and will represent full compensation for all labor, materials, excavation, including rock, 10 gage copper clad steel wire, detectable tape, dewatering, thrust blocking, restraints for sizes which there is no specific pay item, bedding, backfill, compaction, testing, pigging, and equipment required to complete these Bid Items. No additional compensation will be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill materials, or for repair of any trench settlement.

BID ITEM 2 - PVC (C-905) FORCE MAIN (DIRECT BURY)

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter of DR 18 PVC force main (AWWA C-900, CL-150 or C-905, CL-235) pipe and fittings as shown on the Contract Drawings and where directed by the Project Representative. Measurement and Payment shall be made for the actual length of the listed diameter pipe installed and will represent full compensation for all labor, materials, excavation, including rock, dewatering, stormwater and dewatering permits (to be acquired by the contractor), bedding, backfill, compaction, testing, pigging, and equipment required to complete these Bid Items. No additional compensation shall be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill material, or for repair of any trench settlement.

BID ITEM 3 - FUSIBLE PVC (C-905) FORCE MAIN (HDD)

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter of DR 21 Fusible PVC force main (AWWA C-900, CL-150 or C-905, CL-200) pipe as shown on the Contract Drawings and where directed by the Project Representative. Measurement and Payment shall be made for the actual length of the listed diameter pipe installed and will represent full compensation for all labor, materials, excavation, including rock, dewatering, stormwater and dewatering permits (to be acquired by the contractor), bedding, backfill, compaction, testing, pigging, and equipment required to complete these Bid Items. No additional compensation shall be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill material, or for repair of any trench settlement.

Addendum to FPL Agreement

RIGHT OF WAY USE - CUSTOMER GUIDELINES

Any use of FPL Right of Way requires a Right of Way Consent Agreement. FPL must have the capability at all times to construct, operate, maintain and restore its transmission and distribution facilities now located, or to be located, within its Rights-of-Way. Any use of FPL's Rights-of-Way by the underlying owner, or owner's assigns, which would prevent or unreasonably restrict FPL from performing these activities, or is considered by FPL as hazardous, is not allowed. Safety is a main concern, so the following guidelines are based on National Electrical Safety Code requirements, as well as good engineering principals and practices. These guidelines are general in nature and may vary in some instances depending upon construction type, easement terms, etc.

- I. The following activities, either temporary or permanent in nature, are not allowed within the limits of FPL's Rights-of-Way:
 - A. The placement of structures, buildings, mobile homes or trailers, recreational vehicles, satellite receiver systems, towers, swimming pools and associated equipment, cemetery sites, wells, septic tanks, storage tanks, dumpsters, trash, flammable material, building materials, disabled vehicles, motor boats, and sailboats.
 - B. Flooding all or any portion of the Right-of-Way.
 - C. Wet retention systems, ponds, and/or lakes.
 - D. Conservation easement and or mitigation areas.
 - E. The use of explosives
 - F. The attachment of signs or other items to FPL's facilities.
 - G. Any activity that might encourage or attract the public to participate in recreational activities which might cause an unsafe condition to exist.
 - H. Operating equipment capable of extending beyond a height of 14 feet above existing grade.
 - I. Storage of equipment capable of exceeding 14 feet in height.
 - J. The planting of trees, shrubs, plants, etc. capable of exceeding a height of 14 feet above existing grade at maturity, or containerized plants that would exceed a height of 14 feet above existing grade when lifted.
 - K. Fires of any kind, including the burning of any debris, except permitted controlled backing fire.
 - L. Required parking.
- II. A minimum 75 foot area clear of any activities, measured from each side of the centerline of the existing and/or planned pole(s)/structures, and a linear route (patrol road) 20 feet in width, with no more than 10:1 sloping, in an approved location within the easement, are required to ensure FPL vehicular access to its poles, guys, conductors and appurtenances and therefore can not be used for any purpose.
- III. The following activities may be allowable, but require an FPL consent agreement:
 - Excavation or buried facilities of any kind.
 - B. A change in the existing ground elevation.
 - C. Ditches crossing the Right-of-Way, must provide crossings that meet FPL specifications and are fully permitted by the appropriate jurisdictions.
 - D. Road crossings. Dropped curbing and median cuts of a minimum of 25 feet in width, and containing no more than 10:1 sloping, to be provided at locations designated by FPL.
 - E. Fencing, providing the fencing is grounded to FPL specifications, does not prohibit access to structures and 16 foot gates are installed in FPL's patrol/access areas and other locations designated by FPL. Gates must accommodate FPL locks.
 - F. Overflow parking is generally permitted. FPL's expansion and maintenance programs may require the use of a required parking space(s), thereby no longer allowing the requesting party to meet governmental parking requirements.
 - G. Spraying of pesticides provided it is done in a manner so as to prevent the spray from making contact with FPL's facilities.
 - H. Irrigation systems, provided they are constructed of a non-metallic material and do not extend beyond 14 feet above grade. Sprinkler heads must be set to prohibit spray from making contact with FPL facilities. Above-ground irrigation systems are not to be installed within or across FPL's patrol roads or access areas. Underground irrigation systems may cross patrol roads or access areas provided the system is buried a minimum depth of one foot below grade.

Owner is responsible to maintain the property according to the county ordinances which apply, including trash removal of dumped items, moving and trimming existing trees to a height no higher than 14 feet.

To avoid unnecessary expense, it is recommended that a meeting be held with FPL in the early stages of planning a project to secure preliminary approval of conceptual plans. Final approval can only be obtained after FPL has been

RIGHT OF WAY USE - CUSTOMER GUIDELINES

provided final construction plans. To arrange a meeting please refer to the FPL Consent Application Form for the necessary FPL contact information.



Desire of Meeting/Contract Name Location of Project. Percentative Name Location of Project Number/Name: Convenient Contractor Representative Developmi/Contractor Representati		FPL.	NOTIFICATIO	N OF FPL FACI	LITIES		
FFL call your attention to the fact that there may be energized, high voltage electic lines, both overhead and underground, located in the series of this project. It importally that you visually survey the series and that you also take the necessary steps to denify all overhead and underground facilities prior to commendia prostruction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the CSFA-prescribed famils. If will, you must be constructed to allow it to be built safety given the pre-existing power in the construction in the confirment with FPL to allow the construction in the confirment with FPL to allow the construction in the confirment with FPL to allow the construction in the confirment with FPL to allow the construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle crass, digging apparatus or other mobile equipment, or any other equipment, to do not make the construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle crass, grant of the contractor or subcontractor and the confirment of the confirment with the properties of the contractor or subcontractor and the confirment of the confirment mention of the confirment of the confirment with the confirment of t	Develo	ner/Agency per/Contractor Name			Date of Meeting/Contact: Project Number/Name:		
be maintained, you may be required to compensate FPL for the relocation of our facilities to compensing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not implinge upon the NESC clearances. It is your responsibility and the responsibility of your contractors and subcontractors on this project to ditigently fulfill the following obligations: 1. Make absolutely certain that all persons responsibility of operating or handling cranes, digging apparatus, dragilines, mobile equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and feederal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while parforming their work. 2. Make sure that ell cranes, digging apparatus, dragilines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning stigns required by U.S. Department of Labor OSHA Regulations. 3. Poet and material proper warning stigns and advise all employees, new and old allies, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions): **Prower Line Vollages** **Personnel and Equipment** (29 CFR 1910.33 and 1926.800) (29 CFR 1910.33 and 1926.800) (29 CFR 1926.4007.408) 0 - 750 volts	FPL calimperationstructure of maker of use constructure of use constructure of use constructure of use constructure of use overhead planned of the constructure of the	ils your attention to the tive that you visually su clion to determine whe then the OSHA-prepartion near the power cranes, digging apparaction, and, if so, when a apparatus, draglines, and power lines than is a power to the comparation prior to t	fact that there may be energized, invey the area and that you also wher the construction of any pro- ascribed limits. If it will, you must to either deenergize and groun lines, it is impossible for FPL to alus or other mobile equipment, and where. Therefore, if it becom- mobile equipment, or any other permitted by local, state or fede commencement thereof and make	high voltage electric lines, take the necessary steps posed improvements will a either re-design your projed our facilities, or relocate know or predict whether or or handle materials or transcreasing to any contequipment, tools or material regulations, you and a seal necessary arrangements	both overhead and underground to identify all overhead and undering any person, tool, machine ect to allow it to be built safely githem, possibly all your expense. If not the contractors or subcontrators, in dangerous proximity to ractor or subcontractor, or their entits in such a manner that they my such contractor or subcontrators with FPL in order to carry out	d, located in the area of this project. It is lerground facilities prior to commencing ry, equipment or object closer to FPL's yen the pre-existing power line location, You must do this before allowing any actors, and lineir employees, will operate such power lines during the course of employees, to operate or handle cranes, might come closer to underground or actor must notify FPL in writing of such	
1. Make absolutely cartain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compiliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work. 2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warming signs required by U.S. Department of Labor OSHA Regulations. 3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions): "Power Line Vollages" "Personnel and Equipment Cranes and Derricks "Personnel and Equipment (29 CFR 1910.33) and 1926.600) (29 CFR 1926.4107, 1408) (29 CFR 1926.000 - Equipment) (1926.1411 - Cranes and Derricks) 0.750 volts 10 Feet 10 Feet 10 Feet 4 Feet 6 Feet 6 Feet 6 Feet 10 Feet 10 Feet 10 Feet 10 Feet 11 Feet 10	be main to comm	itained, you may be requestion ne	uired to compensate FPL for the	relocation of our facilities	to comply with those clearances,	As such, you should contact FPL prior	
equipment, looi, or material capable of contacting a power line, are in compiliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work. 2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warming signs required by U.S. Department of Labor OSHA Regulations. 3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions): "Power Line Vollages" "Personnel and Equipment Cranes and Derricks "Power Line Vollages" "Personnel and Equipment (29 CFR 1910.33) and 1926.600) (29 CFR 1926.400, 1408) (29 CFR 1926.600 – Equipment) (1926.1411 – Cranes and Derricks) 0.750 volts 10 Feet 10 Feet 10 Feet 4 Feet 6 Feet 6,0,000 volts 11 Feet 15 Feet 10 Feet 10 Feet 10 Feet 11 Feet 15 Feet 10 Feet 10 Feet 11 Feet 138,000 volts 13 Feet 15 Feet 10 Feet 10 Feet 10 Feet 10 Feet 230,000 volts 13 Feet 15 Feet 10 Feet 1	It is you	r responsibility and the	responsibility of your contractors	and subcontractors on this	project to diligently fulfill the folk	owing obligations:	
power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions): "Power Line Voltages" "Personnel and Equipment" (29 CFR 1910.333 and 1925.600) (29 CFR 1926.400. Equipment) (1925.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.1411 — Cranss and Detricks) (29 CFR 1926.400. Equipment) (1926.400. Equipment) (1926.400	1.	equipment, tool, or material capable of contacting a power line, are in compiliance with all applicable state and federal regulations, including but					
materials and equipment away from power lines per line following OSHA minimum approach distances (refer to OSHA regulations for restrictions): **Power Line Voltages** **Personnel and Equipment* (29 CFR 1910.333 and 1926.600) 0 - 750 volts	2.	Make sure that all cran power line have attach	es, digging apparatus, draglines, ed to them any warning signs red	mobile equipment, and all julred by U.S. Department	other equipment or materials cap of Labor OSHA Regulations.	pable of contacting a	
(29 CFR 1910.333 and 1926.600) (29 CFR 1926.1407, 1408) (29 CFR 1926.600 – Equipment) (1926.1411 – Cranes and Derricks) 0 - 750 volts 10 Feet 10 Feet 4 Feet 4 Feet 751 - 50,000 volts 10 Feet 10 Feet 4 Feet 69,000 volts 11 Feet 15 Feet 10 Feet 10 Feet 116,000 volts 13 Feet 15 Feet 10 Feet 10 Feet 120,000 volts 13 Feet 15 Feet 10 Feet 10 Feet 138,000 volts 13 Feet 15 Feet 10 Feet 10 Feet 140,000 volts 15 Feet 10 Feet 10 Feet 1500,000 volts 15 Feet 10 Feet 10 Feet 1500,000 volts 15 Feet 10 Feet 10 Feet 16 Feet 10 Feet 16 Feet 17 Feet 10 Feet 17 Feet 10 Feet 10 Feet 18 Feet 10 Feet 10 Feet 10 Feet 19 Feet 10 Feet 10 Feet 10 Feet 19 Feet 10 Feet 10 Feet 10 Feet 19 Feet 10 Fe							
 (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately. Conduct all locations and excavations in accordance with the Florida Statute 556 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities. A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project. Weans by which this notification was provided to customer and/or contractor Address 		0 - 750 volts 751 - 50,000 volts 69,000 volts 116,000 volts 138,000 volts 230,000 volts 500,000 volts "When uncertain of the	(29 CFR 1910.333 and 1926.600) 10 Feet 10 Feet 11 Feet 13 Feet 13 Feet 14 Feet 15 Feet 16 Feet 25 Feet 16 voltage, maintain a distance of ing insulated secondary conductors	(29 CFR 1926.1407, 1408) 10 Feet 10 Feet 15 Feet 15 Feet 15 Feet 20 Feet 20 Feet 20 feet for voltages up to 3 less than 750 volts, avoid con	(29 CFR 1926.600 - Equipment) 4 Feet 4 Feet 10 Feet 10 Feet 10 Feet 10 Feet 16 Feet 16 Feet is50,000 volts and 50 feet for volte lact (Maintain 10 Feet to bare energic	{1926.1411 - Cranes and Derricks} 4 Feet 6 Feet 10 Feet 10 Feet 10 Feet 10 Feet 10 Feet 16 Feet 16 Feet tges greater than 350,000 volts.	
The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities. A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project. Means by which this notification was provided to customer and/or contractor Address	5.	(excluding weekends) I Conduct all locations a	n advance of commencement of nd excavations in accordance w	excavation to ensure facili	les are located accurately.		
Weans by which this notification was provided to customer and/or contractor Address	6.	When an excavation is	to take place within a tolerance a	zone, an excavator shall us gging, vacuum methods, o	e increased caulion to protect un similar procedures to identify un-	derground facilities. derground facilities.	
	А сору	of this notification must	be provided by you to each conti				
FPI. Representative Stopature Date	Veans by	y which this notification wa	s provided to customer and/or contra	clor	Address		
1 a Prophydational angles in a construction of the construction of	FPL Rep	resentative Signature			Date		

Date

Form 360 (Rev. 1/9/12)

Customer/Developer/Contractor Representative Signature