



**HIGHLANDS COUNTY  
BOARD OF COUNTY COMMISSIONERS  
(HCBCC)  
PURCHASING DIVISION**

DATE: May 09, 2018

BID NO. ITB 18-023 ADDENDUM No. 2

Project: Istokpoga Marsh Water Improvement Phase 2

---

This addendum is being issued to address questions received.

### Questions and Answers

- 1.) The specifications in section CS-11200 do not list parameters for the pump flows. We request Flowserve be listed as an acceptable manufacturer and for the flow parameters for sizing the pumps:

- Primary Design Flow = gpm
- Primary Design TDH = ft
- Secondary Design Flow = gpm
- Secondary Design TDH = ft
- Max. Pump Motor Power = hp
- Max. Pump Motor Speed = rpm

**Answer:**

*Pumps and pump manufacturers will be reviewed and accepted by the Engineer through the shop drawing review process as described in the Specifications.*

*Since the pumps will alternate starts, both pumps should have the same performance:*

- *Design Flow = 15,000 gpm each pump*
- *Design TDH should be calculated for the pump supplied by its manufacturer based on design water stages as shown on sheet CD-1. The Total Dynamic Head shall be sufficient to provide a minimum of 15,000 GPM with the peak stage in the pond and the minimum stage in the pump intake pond including an industry standard safety margin.*
- *Max. Pump Motor Power = 75 hp*
- *Max. Pump Motor Speed = 1800 nominal rpm*

- 2.) Can we get CAD drawings of the plans?

**Answer:**

*CAD drawings will be provided to the awarded bidder prior to commencement of construction.*

- 3.) Can CADD files be provided to perform accurate take offs for the bid?

**Answer:**

*CAD drawings will be provided to the awarded bidder prior to commencement of construction.*

*The Engineer's Quantity Estimates are provided as Attachment A.*

- 4.) Section 00825 MBE WBE Vendors provides a list of certified minority and woman owned small businesses. Is there a specific goal (contract %) for contract execution by MBE/WBE's. Also, is any consideration taken for Certified State of Florida SBE's?  
**Answer:** The list provided is MBE/WBE's. This contract has a goal of 9% MBE and 3% WBE. Reporting forms are attached and identified as Attachment C. Small Business Enterprises are not required.
- 5.) Division 00100 Article 9 and 10 reference Contract Times and LD's. No reference to days or completion date. Please clarify schedule requirements  
**Answer:** Section 00100 references the Bid Form. Please see paragraph "F" of the bid form for the required deadline for completion of work. Liquidated Damages – per Article 10 of Section 00100 Provisions for liquidated damages, if any, are set forth in the Agreement. The Agreement located in Section 00500, paragraph 3.2 addresses liquidated damages.
- 6.) Where does the Channel B Diversion work get billed? Is this the Supply Canal on Table B?  
**Answer:** *The "Channel B Diversion" work is also referred to as the "Supply Canal."*
- 7.) Table A of the Bid Form No. 3 is Construct Dike. There is no reference to a "Dike" in the construction Drawings. Please confirm that this bid item is for the construction of the Impoundment Berm.  
**Answer:** *The "Impoundment Berm" is also referred to as a "Dike."*
- 8.) Table A Bid Item 2 is for the Access Road. Is this for the shell rock access road running from the construction entrance to the south west corner of the impoundment, or does this include the access road around the remaining perimeter of the Impoundment Berm. Also, please confirm the access road around the remaining perimeter does not include shell rock and is included in Bid Item A-5 Construct Dike Perimeter roads.  
**Answer:** *The shell rock access road extends from Driggers Road to the SW corner of the impoundment site as shown in dark hatch on Sheets C-1 and C-7 through C-9 of the design plans. The perimeter road around the impoundment, shown in lighter hatch, does not receive shell rock.*
- 10.) Please confirm that Pump Intake Pond identified as Bid Item A-8 is identified as "Proposed Pump Sump" on Drawing C-1  
**Answer:** *The "Pump Intake Pond" is also referred to as "Proposed Pump Sump" in the design plans.*
- 11.) Please identify what pay item the installation of Culvert P-15 shown on DRW SD-1 will be paid under.  
**Answer:** *The existing culvert at P-15 will be impacted by the installation of P-1, therefore they should be completed at the same time and included in one pay item.*

12.) Removal of Trees and Brush is not a Bid Item for the Impoundment work. Is there no clearing required for this site?

**Answer:** *Tree and brush removal will be required along the west fence line to allow covering of the existing ditch as called out on sheet SD-1. The balance of the impoundment site has only limited clearing requirements. The Engineer suggests the bidder should evaluate the amount of clearing required for the project during the site visit after the pre-bid meeting.*

13.) The bid documents indicate that there is no MBE/WBE minimum participation requirement, but the contractor must provide proof of "Good Faith Effort" to incorporate MBE/WBE's into this project.

a.) Do certified SBE's qualify as part of the good faith effort and participation?

**Answer:** Small Business Enterprises are not required to be tracked for this project. MBE/WBE participation goals are shown on the item 4 answer above.

b.) Is there a particular format that the contractor should submit the proposal for the good faith effort?

**Answer:** We do not have a format to track the effort made by the Contractor but the Contractor should save a copy of all efforts made in print or electronic media, i.e. newspaper ads, email blasts to known MBE/WBE, other electronic outreach.

c.) Is the Good Faith Effort (GFE) to be provided with the bid submittal or is it considered a post bid deliverable?

**Answer:** Any effort made prior to the Bid should be included with the Bidder's submittal. All effort made following the bid award will also need to be tracked and documented. Attached to this Addendum is Attachment C which shows the reporting requirements.

There is no Attachment B for this Addendum

**ATTACHMENT A - ENGINEER'S QUANTITY ESTIMATES**

<b>IMPOUNDMENT AND PUMP STATION</b>				
		<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY</b>
<b>A</b>	<b>Berm</b>			
		Grub berm, ramps and borrow ditch	CY	28,640
		Demuck berm footprint & borrow ditch	CY	51,579
		Excavate select fill & stockpile	CY	258,867
		Place select fill in berm & compact	CY	258,867
		Place select fill in ramps & compact	CY	1,208
		Fine Grade berm	SF	970,442
		Place & grade topsoil on berm side slopes	CY	13,086
		Spread excess topsoil in field	CY	67,132
		Fine Grade between berm and borrow ditch	SF	441,600
		Fencing	FT	2700
		12' Gates	Ea	6
		Sod	SF	360,346
		Hydro Seed	SF	610,097
<b>B</b>	<b>Pump Intake Pond</b>			
		Grub pond footprint	CY	173
		Demuck pond footprint	CY	0
		Excavate select & stockpile fill to be used in roads or berm	CY	2,670
		Grade side slopes	SF	8,180
		Place riprap	CY	689
		Sod	SF	940
		Hydro Seed	SF	11,000
<b>C</b>	<b>Access Road</b>			
		Grub road footprint	CY	3,046
		Excavate select fill & stockpile (use pond fill)	CY	0
		Haul select fill to road	CY	5,582
		Place and compact select fill	CY	5,582
		Place and compact shell rock	CY	2,253
		Grade side slopes	SF	85,540
		Sod	SF	35,532
		Seed and mulch disturbed area	SF	197,400

<b>D</b>	<b>Berm Perimeter Road &amp; Fence Road</b>		
	Grub road footprint	CY	8,832
	Excavate select fill & stockpile	CY	24,529
	Haul select fill to road	CY	24,529
	Place and compact select fill	CY	24,529
	Grade road & side slopes	SF	1,617,659
	Seed & mulch disturbed area	SF	1,617,659
<b>E</b>	<b>Seepage Ditch</b>		
	Grub ditch footprint	CY	7,265
	Demuck ditch footprint	CY	1,919
	Excavate select fill & stockpile	CY	33,359
	Grade bottom & side slopes	SF	689,022
	Spread excess topsoil in field	CY	9,183
	Sod	SF	118,456
	Seed and mulch disturbed area	SF	148,070
<b>F</b>	<b>Impoundment Internal</b>		
	Remove structures, culverts	EA	32
	Remove fences	FT	4,790
	Repair existing & repair new ditch blocks	HRS	11
	Remove electric service & pump	LS	1
	Disposal costs & fees	LS	1
<b>G</b>	<b>Impoundment Area Culverts &amp; Control Structures</b>		
	CS-1 Channel A Connection Structures	EA	2
	P-8 EOF Discharge 42" HDPE Pipes	FT	612
	P-4, P-5, P-6, P-7, P-9 & P10 Access ramp 24" HDPE Pipe	FT	330
	P-15 Aluminum Pipe Culvert	FT	76
	Excavate select fill - haul & stockpile	CY	108
	Place & compact select fill as required	CY	650
	Concrete for ballast	CY	10.5
	Rip rap, placed	CY	30
	Sod	SF	2400

<b>H</b>	<b>Sluice Gate</b>		
	Waterman 36" sluice gate w/ wheel	EA	1
	Mounting hardware budget	LS	1
	Hand rails & steps installed	LS	1
	Precast concrete sump w/ base and lid	EA	1
	Freight to the job	LS	1
	Crane charge, includes travel & setup	HRS	12
	Geotech fabric, installed	SF	144
	57 Stone, placed & compacted	CY	10
	Rip rap, placed	CY	0
	42" HDPE Pipe (P-3)	FT	100
	Seepage collar	EA	1
<b>I</b>	<b>Pump Station</b>		
	24" Axial Flow Pump	EA	2
	24" discharge pipe	FT	130
	Flap gates	EA	2
	Drive set	EA	2
	75 HP TEFC motor	EA	2
	Automation PLC w/ Two 75 HP Soft Starts	EA	1
	4-20 ma Level sensors	EA	3
	Power distribution panel	LS	1
	Electrician, electric rack	FT	1
	Underground feed to electric rack	FT	40
	Convenience outlet, area lighting	LS	1
	Surge protection	EA	3
	Concrete discharge pipe supports	EA	6
	Sand cement bags for headwall	EA	650
	Seepage collar	EA	2
	Mounting hardware budget	LS	1
	Precast concrete sump w/ base and lid	EA	2
	Freight to the job	LS	1
	Intake Screen	Ea.	2
	Crane charge, includes travel & setup	HRS	12
	Geotech fabric	SF	5,000
	57 Stone, placed & compacted	CY	20
	Rip rap, placed	CY	333
	Alum catwalk w/ handrails	EA	2
	Alum hand rails for precast	FT	52

<b>J</b>	<b>Emergency Overflow</b>		
	General Earthwork, Grading & Compaction	SY	2,399
	Flexamat Plus w/ Recycled TRM-V Backing, Installed	SY	2,399
	Topsoil Infill Flexamat and Grass Seed	SY	2,399
	Riprap for ends of flow way	CY	100
	Geotech fabric under riprap	SF	13,600
	Trucking - Delivery of materials to job site	LS	1
<b>K</b>	<b>Miscellaneous</b>		
	Mobilization	LS	1
	Demobilization	LS	1
	Dewatering Budget	LS	1
	Turbidity/Erosion Control Budget	LS	1
	Power company charges	LS	1
<b>L</b>	<b>Impoundment General Requirements</b>		
	Layout & job progress survey	LS	1
	Certification/as built survey	LS	1
	Geotechnical testing	LS	1

		<b>CHANNEL B SUPPLY CANAL</b>		
	<b>M</b>	<b>Channel B Earthwork</b>		
		Remove Exotic Vegetation	Ac	10
		Burn Exotic Vegetation	LS	1
		Ditch Cleaning, Remove Silt	CY	20,429
		Clear & Grub	CY	9,343
		Excavation of Ditch	CY	69,758
		Place & Compact Select Fill	CY	25,625
		Haul Excess Fill & Stockpile	CY	77,247
		Fine Grading	SF	1,009,065
		Sod	SF	64,000
		Seed and mulch disturbed areas	SF	690,606
	<b>N</b>	<b>Large Channel B Structures</b>		
		P-1 Pump Inflow 42" HPDE Pipes	FT	464
		P-2, 72" Channel A Alum Culvert	FT	132
		P-12 Channel B 42" HDPE Pipes @ Lykes Gate	FT	194
		Temporary Ditch Blocks, Channel A	CY	16,330
		Well pointing	LS	1
		Temporary Water Transfer Pumps	LS	1
		Excavation	CY	3,282
		Haul, Place & Compact Select Fill	CY	5,506
		Geotech fabric	SF	6,656
		Rip rap, placed	CY	493
	<b>N</b>	<b>Channel B Replacement Structures</b>		
		Flash board risers (CS-2, CS-3, CS-4, CS-5, CS-6, CS-7, CS-8 & CS-9)	LS	1
		Culverts (P-11, P-13 & P-14)	LS	1
		Rip rap, placed	CY	95
		Sod	SF	5,000
		Earthwork, Installation of Structures	LS	1



<b>O</b>	<b>Relocate Existing Pump Station</b>		
	Labor to remove pump and transport to shop	LS	1
	New metal roof and wire side panels	LS	1
	Catwalk 8' wide x 20' long	LS	1
	Driven piles to support pump	LS	2
	Repair Existing 18" pump	LS	1
	Labor to install pump station	LS	1
	Repairs to Diesel Engine NOT INCLUDED	LS	0
	Sod	SF	2,000
	Seed and mulch disturbed areas	Ft	10,000
	CS-9 Flash Board Riser	LS	1
<b>P</b>	<b>Fencing</b>		
	Remove Existing Fence	Ft	6,824
	Temporary Electric Fencing	Ft	7,200
	New Cattle Fence	Ft	7,200
	12' Gates	EA	4
<b>Q</b>	<b>Channel B General Requirements</b>		
	Layout & job progress survey	LS	1
	Certification/as built survey	LS	1
	Geotechnical testing	LS	1
<b>K</b>	<b>Miscellaneous</b>		
	Dewatering Budget	LS	1
	Turbidity/Erosion Control Budget	LS	1

**ATTACHMENT C**

**AND  
COOPERATIVE  
AGREEMENTS**

**U.S. ENVIRONMENTAL PROTECTION  
AGENCY  
MBE/WBE UTILIZATION UNDER FEDERAL  
GRANTS**

OMB CONTROL NO. 2030-0020  
APPROVED: 06/30/2014  
APPROVAL EXPIRES: 06/30/2017

FOR COOPERATIVE AGREEMENTS OR OTHER FEDERAL FINANCIAL ASSISTANCE WHERE THE COMBINED TOTAL OF FUNDS BUDGETED FOR PROCURING SUPPLIES, EQUIPMENT, CONSTRUCTION OR SERVICES EXCEED \$150,000. PART 1: PLEASE REVIEW INSTRUCTIONS BEFORE COMPLETING	
1A. FEDERAL FISCAL YEAR (Oct 1- Sep 30)  20____	1B. REPORT TYPE  <input type="checkbox"/> Annual <input type="checkbox"/> Last Report (Project completed)
1C: REVISION OF A PRIOR YEAR REPORT? <input type="checkbox"/> No <input type="checkbox"/> Yes, Year _____ IF YES, BRIEFLY DESCRIBE THE REVISIONS YOU ARE MAKING:	
2A. EPA FINANCIAL ASSISTANCE OFFICE ADDRESS (ATTN: DBE COORDINATOR)	3A. RECIPIENT NAME AND ADDRESS
2B. EPA DBE COORDINATOR  Name: Email: Phone: Fax:	3B. RECIPIENT REPORTING CONTACT  Name: Address: Phone: Email:
4A. FINANCIAL ASSISTANCE AGREEMENT ID NUMBER (SRF State Recipients, refer to Instructions for Completion of blocks 4A, 5A and 5C)	4B. FEDERAL FINANCIAL ASSISTANCE PROGRAM TITLE OR CFDA NUMBER:
5A. TOTAL ASSISTANCE AGREEMENT AMOUNT EPA Share: \$ _____  Recipient Share: \$ _____  <input type="checkbox"/> N/A (SRF Recipient)	5B. If NO procurements and NO accomplishments were made this reporting period (by the recipients, sub-recipients, loan recipients, and prime contractors), CHECK and SKIP to Block No. 7. (Procurements are all expenditures through contract, order, purchase, lease or barter of supplies, equipment, construction, or services needed to complete Federal assistance programs. Accomplishments, in this context, are procurements made with MBEs and/or WBEs.) <input type="checkbox"/>
5C. Total Procurements This Reporting Period (Only include amount not reported in any prior reporting period) Total Procurement Amount \$ _____ (Include total dollar values awarded by recipient, sub-recipients and SRF loan recipients, including MBE/WBE expenditures.)	
5D. Were sub-awards issued under this assistance agreement? Yes ___ No ___ Were contracts issued under this assistance agreement? Yes ___ No ___	

5E. MBE/WBE Accomplishments This Reporting Period					
Actual MBE/WBE Procurement Accomplished (Include total dollar values awarded by recipient, sub-recipients, SRF loan recipients and Prime Contractors.)					
	Construction	Equipment	Services	Supplies	Total
\$MBE:	_____	_____	_____	_____	_____
\$WBE:	_____	_____	_____	_____	_____

6. COMMENTS: (If no MBE/WBE procurements, please summarize how certified MBEs/WBEs were notified of the opportunities to compete for the procurement dollars entered in Block 5C and why certified MBEs /WBEs were not awarded any procurements during this reporting period.)

7. NAME OF RECIPIENT'S AUTHORIZED REPRESENTATIVE	TITLE
8. SIGNATURE OF RECIPIENT'S AUTHORIZED REPRESENTATIVE	DATE

EPA FORM 5700-52A available electronically at [http://www.epa.gov/osbp/pdfs/5700\\_52a.pdf](http://www.epa.gov/osbp/pdfs/5700_52a.pdf)

06/30/2017 **PART II.**

**MBE/WBE PROCUREMENTS MADE DURING REPORTING PERIOD EPA**  
**Financial Assistance Agreement Number: \_\_\_\_\_**

1. Procurement Made By			2. Business Enterprise		3. \$ Value of Procurement	4. Date of Procurement MM/DD/YY	5. Type of Product or Service (Enter Code)	6. Name/Address/Phone Number of MBE/WBE Contractor or Vendor
Recipient	Sub-Recipient and/or SRF Loan Recipient	Prime	Minority	Women				


Type of Product or Service Codes:

1 = Construction    2 = Supplies    3 = Services    4 = Equipment

Note: Recipients are required to submit MBE/WBE reports to EPA beginning with the Federal fiscal year the recipients receive the award, continuing until the project is completed.

DEP Agreement No. NF023, Attachment C, Page 2 of 7

319\_FY16-17

**Instructions:**

**A. General Instructions:**

MBE/WBE utilization is based on 40 CFR Part 33. The reporting requirement reflects the class deviation issued on November 8, 2013, clarified on January 9, 2014 and modified on December 2, 2014. EPA Form 5700-52A must be completed annually by recipients of financial assistance agreements where the combined total of funds budgeted for procuring supplies, equipment, construction or services exceeds \$150,000. This reporting requirement applies to all new and existing awards and voids all previous reporting requirements.

In determining whether the \$150,000 threshold is exceeded for a particular assistance agreement, the analysis must focus on funds budgeted for procurement under the supplies, equipment, construction, services or "other" categories, and include funds budgeted for procurement under sub-awards or loans

Reporting will also be required in cases where the details of the budgets of sub-awards/loans are not clear at the time of the grant awards and the combined total of the procurement and subawards and/or loans exceeds the \$150,000 threshold.

When reporting is required, all procurement actions are reportable, not just the portion which exceeds \$150,000.

If at the time of award the budgeted funds exceed \$150,000 but actual expenditures fall below, a report is still required.

If at the time of award, the combined total of funds budgeted for procurements in any category is less

than or equal to \$150,000 and is maintained below the threshold, no DBE report is required to be submitted.

Recipients are required to report 30 days after the end of each federal year, per the terms and conditions of the financial assistance agreement.

Last reports are due October 30<sup>th</sup> or 90 days after the end of the project period, whichever comes first.

MBE/WBE program requirements, including reporting, are material terms and conditions of the financial assistance agreement.

**B. Definitions:**

**Procurement** is the acquisition through contract, order, purchase, lease or barter of supplies, equipment, construction or services needed to accomplish Federal assistance programs.

A **contract** is a written agreement between an EPA recipient and another party (also considered "prime contracts") and any lower tier agreement (also considered "subcontracts") for equipment, services, supplies, or construction necessary to complete the project. This definition excludes written agreements with another public agency. This definition includes personal and professional services, agreements with consultants, and purchase orders.

A **minority business enterprise (MBE)** is a business concern that is (1) at least 51 percent owned by one or more minority individuals, or, in the case of a publicly owned business, at least 51 percent of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more of the minority owners. In order to qualify