

JB

RESOLUTION NO. 2013 - 52

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO AWARD BID NO. 13-27 AND TO EXECUTE A PURCHASE ORDER FOR THE PURCHASE OF A MECHANICAL BAND SCREEN AND SCREENINGS WASH PRESS FOR THE NORTHWEST WASTEWATER TREATMENT PLANT

RECITALS

WHEREAS, the County desires to enter into a contract with Hydro-Dyne Engineering to purchase a Mechanical Band Screen and Screenings Wash Press for the Northwest Wastewater Treatment Plant; and

WHEREAS, through the County's formal bid process, Hydro-Dyne Engineering selected as the most qualified respondent to enter into a contract with the County to perform the work referenced above; and

WHEREAS, the project is being funded by the Utility Department; and

WHEREAS, said purchase serves a public purpose.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.

Section 2. The County Administrator, or designee, is hereby authorized to award Bid No. 13-27 to Hydro-Dyne Engineering ("Hydro-Dyne"), and further authorized to execute a purchase order on behalf of the County for the purchase of Mechanical Band Screen and Screenings Wash Press as specifically provided in Bid No. 13-27.

Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

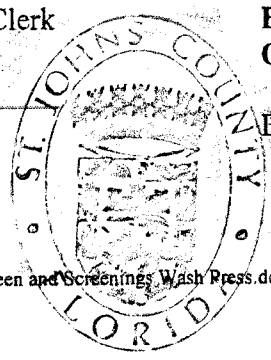
PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 5th day of March, 2013.

ATTEST: Cheryl Strickland, Clerk

By: Sam Halterman
Deputy Clerk

BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

By: [Signature]
Chair





**ST. JOHNS COUNTY
PURCHASING DEPARTMENT**

500 San Sebastian View
St. Augustine, Florida 32084

I N T E R O F F I C E M E M O R A N D U M

TO: Scott Trigg, P.E., Engineer III, Utility Department
FROM: Leigh Daniels, CPPB, Buyer III *LAD*
SUBJECT: Transmittal of Bids Received for Bid No. 13-27, Purchase of Mechanical Band Screen and Screenings Wash Press for the Northwest Wastewater Treatment Plant
DATE: December 19, 2012

Attached are copies of the bid proposals received for the above mentioned along with a copy of the Bid Tabulation Sheet.

Please review, evaluate and make a written recommendation for this project. Also, indicate the budgeted amount for this item along with the appropriate charge code and return at your earliest convenience. We will prepare the agenda item and contract.

Please let me know if I can assist your department in any other way.

Dept. Approval *[Signature]*

Date 1/24/2013

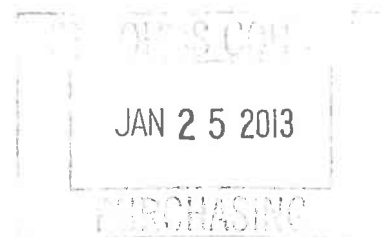
Budget Amount \$290,000

Account Funding Title NW WWTF 4MGD CONSTRUCTION

Funding Charge Code 4484-56302-6908-56308

Award to Hydro-Dyne Engineering

Award Amount †253,000.00



BID NO: 13-27

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be accepted until **2:00 P.M. on December 19, 2012** by Leigh Daniels, CPPB, Buyer III, St. Johns County Purchasing Department, 500 San Sebastian View, St. Augustine, Florida 32084, (904) 209-0154, for **Purchase of Mechanical Band Screen and Screenings Wash Press for the Northwest Wastewater Treatment Plant**. Bids will be opened promptly after the 2:00 p.m. deadline. **Note:** Bids delivered or received in the Purchasing Department after the 2:00 P.M. deadline shall not be given consideration and shall be returned to the sender unopened.

Scope of Work:

Furnish one screening removal and washing system including all labor, materials, equipment, and required incidentals. This work includes installation and testing of a system that is complete and ready for operation. This system includes one center-flow bandscreen, sluiceway, screenings washer-compactor, motor controllers, and appurtenant equipment as shown on the drawings and specifications.

Any and all procurement questions shall be directed to Leigh Daniels, CPPB, Buyer III, St. Johns County Purchasing, phone number (904) 209-0154 or email ldaniels@sjcfl.us . The deadline for all questions shall be no later than 4:00 p.m., Monday, December 10, 2012.

Package request forms are available on DemandStar.com and requesting Document # 13-27. Additionally, document orders may be facilitated through Onvia DemandStar, Inc. For technical assistance with this Website please contact Onvia Supplier Services at 1-800-711-1712. A link to Onvia DemandStar is also available through the St. Johns County Website at www.sjcfl.us/BCC/Purchasing/Open_Bids.aspx. Check the County's site for download availability and any applicable fees. Vendors registered with Onvia DemandStar.com may visit www.demandstar.com to electronically download some documents.

Any bidder, proposer or person substantially and adversely affected by an intended decision or by any term, condition, procedure or specification with respect to any bid, invitation, solicitation of proposals or requests for qualifications, shall file with the Purchasing Department for St. Johns County, a written notice of intent to protest no later than 72 hours (excluding Saturdays, Sundays and legal holidays for employees of St. Johns County) after the posting either electronically or by other means of the notice of intended action, notice of intended award, bid tabulation, publication by posting electronically or by other means of a procedure, specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County's Purchasing Manual are incorporated by reference and are fully binding.

Vendors shall not contact, lobby, or otherwise communicate with any St. Johns County employee, including any member of the Board of County Commissioners, other than the above referenced individual from the point of advertisement of the Bid until contract(s) are executed by all parties, per St. Johns County Purchasing Code 304.6.5 "Procedures Concerning Lobbying". According to St. Johns County policy, any such communication shall disqualify the vendor, contractor, or consultant from responding to the subject invitation to bid, request for quote, request for proposal, invitation to negotiate, or request for qualifications.

St. Johns County reserves the right to accept or reject any or all bids/proposals, waive minor formalities, and to award the bid/proposal that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any alternate bids in any combination that best suits the needs of the County.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA
CHERYL STRICKLAND, CLERK

BY: _____
DEPUTY CLERK

ST. JOHNS COUNTY
PURCHASING DEPARTMENT

INSTRUCTIONS TO BIDDERS

These instructions will bind bidders to terms and conditions herein set forth, except as specifically qualified in special bid contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
 - A. The ability, capacity and skill of bidder to perform required service.
 - B. Whether bidder can perform service promptly or within specified time.
 - C. The character, integrity, reputation, judgement, experience and efficiency of bidder.
 - D. The performance of previous contracts with St. Johns County.
 - E. The suitability of equipment of material for county use.
 - F. The ability of bidder to provide future maintenance and parts service.
2. Payment terms are net thirty (30) days unless otherwise specified. Favorable terms, discounts may be offered and will be considered in determining low bids if they are deemed by the Purchasing Department advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. Unit price will prevail in case of errors.
4. All requested information should be included in the bid envelope or your bid may not receive full consideration.
5. If anything of the bid request is not clear, you should contact the Purchasing Department immediately.
6. A bidder's list is available at the Purchasing Office.
7. Quote all prices F.O.B. (Free On Board), our warehouse or as specified in bid documents.
8. Each proposal shall be clearly marked on the outside of the envelope with the following:
 - A. Sealed Bid Number
 - B. Name of Item Being Bid in Full
 - C. Vendor name and address
9. No Responsibility will attach to any County representative or employee for the premature opening of bid not properly addressed or identified.
10. If only one (1) bid is received, the bid may be rejected and re-advertised.
11. Bids received late will not be accepted and the County will not be responsible for late mail delivery. However, should a bid be misplaced by the County and found later, will be considered.
12. Telephone and facsimile bid will not be acceptable in formal Sealed Bids openings.
13. Any bidder may request and shall receive a receipt showing the day and hour any bid is delivered to the appropriate office of the County from the personnel thereof.
14. All bidders must be recognized dealers in the materials of equipment specified and be qualified to advise in their application or use. A bidder may at any time be requested to satisfy the Purchasing Office and the County Administrator that he has the requisite organization, capital, plant, stock, ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
15. Any alterations, erasures, additions or omissions of required information or any changes of specifications or bidding schedule is done at risk of the bidder. Any bid will be rejected that has a substantial variation. For example, a variation that affects the price, quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the County free of expense, properly marked for identifications and accompanied by a list where there is more than one (1) sample. The County reserves the right to mutilate or destroy any sample submitted whenever it may be to the interest of the County to do so for the purpose of testing.
17. The County will reject any material, supplies or equipment that do not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.

19. The ESTIMATED QUANTITY given in the specifications of advertisements is for the purpose of bidding ONLY. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment, as evidenced by the manufacturer's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.
21. The successful bidder on motor vehicle equipment shall be required to furnish with the delivery of the vehicle a certificate of origin and any other appropriate documentation as required by the Florida Motor Vehicle Department.
22. Prospective bidders are required to examine the location of the proposed work or delivery and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.
23. All materials, equipment and supplies shall be subjected to rigid inspection under the immediate supervision of the Purchasing Department, its designee and/or the department to which they are delivered. If defective material, equipment or supplies are discovered, the vendor shall remove or make good such material, equipment or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the vendor or release him from his obligation to perform and deliver to the County sound and satisfactory materials, equipment or supplies. The vendor agrees to pay the costs of all test upon defective material, equipment or supplies or allow the cost to be deducted from any monies due him from the County.
24. Unless otherwise specified, the County reserves the right to award each item separately or on a lump sum basis, whichever is in the best interest of the County.
25. A contract may not be awarded to any corporation, firm or individual who is, from any cause, in arrears to the County or who has failed in former contracts with the County.
26. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
27. Submitting a proposal when the bidder intends to sublet the contract may be a cause for rejection of bids or cancellation of the contract by the County Administrator.
28. The County reserves the right to reject any or all bids or quotations, to waive any minor discrepancies in the bids for all bidders equally when deemed to be in the best interest of the County and to purchase any part, all or none of the materials, supplies or equipment specified.
29. Failure of the bidder to sign the bid or have the signature of any authorized representative or agent on the bid proposal in the space provided may be cause for rejection of the bid. Signature must be written in ink or indelible pencil. Typewritten or printed signatures will not be acceptable.
30. Any bidder may withdraw his bid at any time BEFORE the time set of opening of the bids. A bid may be withdrawn AFTER the bids are opened only with permission of the Purchasing Agent.
31. It is mutually understood and agreed that, if at any time, the Purchasing Department or designee shall be of the opinion that the contract, or any part thereof, is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory or that the contractor is willfully violating any of the condition or covenants of the agreement or is executing the same in bad faith, the Purchasing Agent or his designee shall have the power to notify the aforesaid contractor of the nature of the complaint. Notification shall constitute delivery of notice or letter to address given in proposal. If after three (3) working days of notification, the conditions are not corrected to the satisfaction of the Purchasing Agent, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described, or any part thereof, and the expense thereof, so charged, shall be deducted from any paid by the County out of such monies as may become due to the said contractor, under and by virtue of this agreement. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the

contractor, his executors, administrators, successors or assigns, shall pay the amounts of such excess to the County on notice by the Purchasing Department or his designee of the excess due.

32. Any complaint from bidders relative to the invitation to bid or any attached specifications shall be made prior to the time of opening bids, otherwise, the bidder waives any such complaint.
33. A vendor writing specifications for the County may not be allowed to bid on that project.
34. Contracts may be canceled by the County with or without cause on thirty (30) days advance written notice.
35. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the Purchasing Department for St. Johns County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturday, Sunday and legal holidays) after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.

Bid No. 13-27

SPECIFICATIONS

**THE BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA**

**PURCHASE OF MECHANICAL BAND SCREEN AND SCREENINGS WASH PRESS
FOR THE NORTHWEST WASTEWATER TREATMENT PLANT**

SCOPE OF WORK:

Furnish one screening removal and washing system including all labor, materials, equipment, and required incidentals. This work includes installation and testing of a system that is complete and ready for operation. This system includes one center-flow bandscreen, sluiceway, screenings washer-compactor, motor controllers, and appurtenant equipment as shown on the drawings and specifications.

Specifications:

Are attached in a separate PDF file which includes the following sections:

Section 01730 – Operation and Maintenance Data
Section 01740 – Warranties and Bonds
Section 09901 – Surface Preparation and Shop Prime Painting
Section 09902 – Finish Painting
Section 11213 – Vertical In-Line Centrifugal Pump
Section 11330 – Mechanical Band Screen and Screenings Wash Press
Section 13315 – Field Instrumentation
Section 16150 – Motors
Section 16191 – Miscellaneous Equipment

Drawings:

Are attached in a separate PDF file which includes the following drawings:

Index of Sheets
Symbols and General Notes
Plant Process Flow Design
Hydraulic Profile
Plant Mass Balance Diagram
General Notes
Standard Civil Legend Sheet
Existing Site Plan
Master Site Plan
Structural Standard Notes
Plant Headworks Foundation Plan
Plant Headworks Intermediate Plan
Plant Headworks Top Plan

Bid No. 13-27

Plant Headworks Section
Mechanical Legend, Symbols and Abbreviations
Plant Headworks Bottom Plan
Plant Headworks Isometric View
Electrical Symbols and Abbreviations I
Electrical Symbols and Abbreviations II
Project Notes and Hazardous Area Classifications
Overall Electrical Site Plan
Single Line Power Diagram
Miscellaneous Single Line Power Diagram
Elementary Control Diagrams
Headworks Upper Levels Electrical Plan
Headworks Lower Level Electrical Plan
Panelboard Schedules I
Panelboard Schedules II
Electrical Details I
Electrical Details II
Instrumentation Legend
Process Block Diagram
Process & Instrumental Diagram Influent Channel and Screens
Process & Instrumental Diagram Collection Channel and Grit Removal

Insurance:

The CONTRACTOR shall not commence work under this Contract until he/she has obtained all insurance required under this section and such insurance has been approved by the COUNTY. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. The CONTRACTOR shall furnish proof of Insurance to the COUNTY prior to the commencement of operations. The Certificate(s) shall clearly indicate the CONTRACTOR has obtained insurance of the type, amount, and classification as required by contract and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the COUNTY. Certificates shall specifically include the COUNTY as Additional Insured for all lines of coverage except Workers' Compensation and Professional Liability. A copy of the endorsement must accompany the certificate. A brief description of operations referencing the Bid Number, Contract Title, Location, and/or Agreement/Resolution Number shall also be listed as a description on the certificate. Compliance with the foregoing requirements shall not relieve the CONTRACTOR of its liability and obligations under this Contract.

Certificate Holder Address: St. Johns County, a political subdivision of the State of Florida
500 San Sebastian View
St. Augustine, FL 32084

Bid No: 13-27

The CONTRACTOR shall maintain during the life of this Contract, Comprehensive General Liability Insurance with minimum limits of \$1,000,000 per occurrence, \$2,000,000 aggregate, to protect the CONTRACTOR from claims for damages for bodily injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this contract, whether such operations be by the CONTRACTOR or by anyone directly employed by or contracting with the CONTRACTOR.

The CONTRACTOR shall maintain during the life of the contract, Professional Liability or Errors and Omissions Insurance with minimum limits of \$1,000,000, if applicable.

The CONTRACTOR shall maintain during the life of this Contract, Comprehensive Automobile Liability Insurance with minimum limits of \$300,000 combined single limit for bodily injury and property damage liability to protect the CONTRACTOR from claims for damages for bodily injury, including the ownership, use, or maintenance of owned and non-owned automobiles, including rented/hired automobiles whether such operations be by the CONTRACTOR or by anyone directly or indirectly employed by a CONTRACTOR.

The CONTRACTOR shall maintain during the life of this Contract, adequate Workers' Compensation Insurance in at least such amounts as are required by the law for all of its employees (if three or more) per Florida Statute 440.02.

In the event of unusual circumstances, the County Administrator or his designee may adjust these insurance requirements.

No additional charges shall be passed to the St. Johns County, including any applicable taxes, delivery or fuel surcharges. Price bid shall be final cost to St. Johns County.

TERMS: Net 30 Days

DELIVERY: F.O.B. St. Johns County Utility
Northwest Wastewater Treatment Plant
3450 International Golf Parkway
St. Augustine, FL 32092

St. Johns County reserves the right to accept or reject any or all bids/proposals, waive minor formalities, and to award the bid/proposal that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any alternate bids in any combination that best suits the needs of the County.

**ST. JOHNS COUNTY
BID TABULATION**

OPENED BY
TABULATED BY
VERIFIED BY

LEIGH DANIELS
JANIE LOCKLEAR

BID TITLE PURCHASE OF MECHANICAL BAND SCREEN AND SCREENINGS WASH PRESS FOR THE NORTHWEST WASTEWATER TREATMENT PLANT

BID NUMBER 13-27

OPENING DATE/TIME December 19, 2012 2:00 PM

POSTING DATE/TIME 12/19/12 12/26/12

FROM 3:00 PM UNTIL 3:00 PM

HOLIDAYS) AFTER THE POSTING OF THE BID TABULATION

PAGE (S) 1 of 1

BIDDERS	TOTAL PACKAGE BDD PRICE	MAKE/MODEL	DELIVERY DATE	ADDENDUM # 1			
OVIVO USA	\$299,000.00	Model 200 Bracket Green Band Screen/ Model 300 Jones & Atwood Screenings	32 WEEKS	YES			
HYDRO-DYNE ENGINEERING	\$253,000.00	Hydro-Flo Model HF-32	14-20 WEEKS FROM APPROVAL	YES			

BID AWARD DATE - _____

BID NO. 13-27

**ST. JOHNS COUNTY, FLORIDA
OFFICIAL TOTAL BID FORM**

TO: THE BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA

DATE: Dec. 17, 2012

-BID PROPOSAL-

If awarded a Purchase Order on the basis of this proposal, the undersigned pledges to provide the equipment as specified in the Bid Proposal and County Specifications barring delays due to strikes, fires, transportation difficulties or other causes beyond the control of the undersigned.

The undersigned declares that the statements and representations made in this proposal are true in every respect and that the said proposal is in all respects fair and made without collusion or fraud, and that no member of the County Board, or any other agent or employee of the County, directly or indirectly, is interested in this proposal or in any profits expected to accrue therefrom.

The following proposal is presented:

FOR: **PURCHASE OF MECHANICAL BAND SCREEN AND SCREENINGS WASH PRESS FOR THE NORTHWEST WASTEWATER TREATMENT PLANT, PER ATTACHED SPECIFICATIONS:**

TOTAL PACKAGE BID \$ 253,000.00

MAKE/MODEL: Hydro-Flo Model HF-32

DELIVERY DATE: 14-20 Weeks from approved submittals

DISCOUNT FOR PAYMENT TERMS AS STATED IN ATTACHED HYDRO-DYNE SCOPE OF WORK #10376: \$ 2,500.00

**Bid No. 13-27 Official Total Bid Form for the Purchase of Mechanical Band Screen
and Screenings Wash Press for the Northwest Wastewater Treatment Plant**

I certify that the equipment presented in the above proposal meets or exceeds the County specifications and that I, the undersigned bidder, declare that I have carefully examined the specifications, terms and conditions of this bid and I am thoroughly familiar with its provisions and quality and type of coverage called for and bid herein. The undersigned further declares that he has not divulged, discussed or compared his bid with any other bidders and has not colluded with any other bidder or parties to a bid whatsoever for any fraudulent purpose.

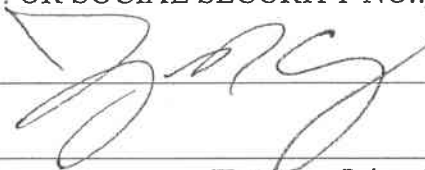
COMPANY: Hydro-Dyne Engineering, Inc.

ADDRESS: 401 E Douglas Rd. Oldsmar, FL 34677

MINORITY OR WOMAN OWNED BUSINESS: No.

FEDERAL ID NO. OR SOCIAL SECURITY NO.: 30-0006611

SIGNATURE: _____



(Typed or Printed Signature)

TITLE: President

DATE: December 17, 2012

TELEPHONE NO.: 813-818-0777

FAX NO.: 813-818-0770

EMAIL ADDRESS: sales@Hydro-Dyne.com

Bid No. 13-27 Official Total Bid Form for the Purchase of Mechanical Band Screen and Screenings Wash Press for the Northwest Wastewater Treatment Plant

Remarks to Bidder:

Bids must be submitted in **TRIPLICATE!** Bids must be placed in an envelope, sealed and plainly marked **SEALED BID NO. 13-27, PURCHASE OF MECHANICAL BAND SCREEN AND SCREENINGS WASH PRESS FOR THE NORTHWEST WASTEWATER TREATMENT PLANT**

The company name must be indicated on the envelope, also.

All bids must be signed manually by a responsible officer of your company in ink or indelible pencil.

If there are any exceptions to the bid proposal or specifications, please state here or on attached sheet.

Attachment "A" affidavit must be completed and attached to bid proposal.

The Board of County Commissioners reserves the right to reject any or all bids, waive minor formalities or award the bid to the bidder whose proposal best services the interest of the County.

ATTACHMENT "A"

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS

AFFIDAVIT

TO: ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Bidder shall attach to his bid a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF Florida COUNTY OF Pinellas. Before me, the undersigned authority, personally appeared Jay R. Conway who, being duly sworn, deposes and says he is President (Title) of Hydro-Dyne Engineering, Inc. (Firm) the bidder submitting the attached proposal for the services covered by the bid documents for Bid No: 13-27, Purchase of Mechanical Band Screen and Screenings Wash Press for the Northwest Wastewater Treatment Plant St. Johns County.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such bidder has no financial interest in the firm of another bidder for the same work. That he, his firm, association or corporation has neither directly, nor indirectly entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this firm's bid on the above described project. Furthermore, neither the firm nor any of it's officers are debarred from participating in public contract lettings in any other state.

[Signature]
(Bidder)
By Jay Conway
President
(Title)

Sworn and subscribe to before me this 17th day of December 2012.

[Signature]
Notary Public

My Commission Expires: March 21, 2014



BIDDER ON ALL COUNTY PROJECTS MUST EXECUTE & ATTACH THIS AFFIDAVIT TO EACH BID.



St. Johns County Board of County Commissioners

Purchasing Division

December 12, 2012

ADDENDUM #1

To: Prospective Bidders

From: St. Johns County Purchasing Department

Subject: Bid No. 13-27, Purchase of Mechanical Band Screen and Screenings Wash Press for the Northwest Wastewater Treatment Plant

This Addendum #1 is issued for further bidder's information and is hereby incorporated into the bid documents. Each bidder will ascertain before submitting a proposal that he/she has received all Addenda. **Please return an original copy of this signed Addendum with proposal to the St. Johns County Purchasing Department, Leigh A. Daniels, CPPB; 500 San Sebastian View; St. Augustine, FL 32084.**

Questions:

1. Sheet M-4 of the Bid Plans shows a stainless steel 12" Screening Compactor Discharge Chute. This is not mentioned in Section 11330. Is this to be supplied by the screen Manufacturer or others?

Answer: The Screenings Compactor Discharge Chute shall be provided by the Contractor and not by the Screen Manufacturer.

2. Sheet M-6 of the Bid Plans shows an open screenings sluice without covers. Is the sluice to include covers from the screen discharge to the compactor inlet?

Answer: The Screenings 316-SST sluice way shall be equipped with covers.

3. Is the HH Level float shown in the Bid Plans to be supplied by the screen Manufacturer or by others?

Answer: The HH level float is not being supplied by the Screen Manufacturer. It shall be supplied by the Instrumentation Supplier.

4. The specification refers to a PLC and a digital operator interface. Could you please confirm the required manufacture(s) and model(s) of the PLC and digital operator interface?

Answer: A PLC will not be required in Screen Control Panel. The Control functions described in 11330 and as shown in I-5 can be done with relay logic and panel-

mounted controls. The PLC and Operator Interface, if furnished, shall be either Motorola or Allen-Bradley.

THE BID DUE DATE REMAINS: December 19, 2012 AT 2 P.M.

Acknowledgment



Signature and Date

Jay Conroy President

Printed Name/Title

Hydro-Dyne Engineering, Inc.

Company Name (Print)

Sincerely,

Leigh A. Daniels, CPPB
Buyer III

END OF ADDENDUM NO. 1



Tel: 813-818-0777 Fax: 813-818-0770

Locally Represented By:

TSC Jacobs, Inc.

Attn: Paul Watcher

Phone: 813-242-2660

December 17, 2012

To: St. John's County Purchasing
Attention: Leigh Daniels, CPPB, Buyer III

Ref: Bid 13-27 Mechanical Band Screen and Screenings Wash Press
Bid Date: 12/20/2012
Specification: Section 11330
Addendum: 1
Revised Sections: N/A

**Scope of Work #10376 for
Hydro-Flo Screen and Washing Compactor**

Hydro-Dyne Engineering is pleased to offer the following equipment designed for use at the above referenced installation.

EQUIPMENT DESCRIPTION

1. Hydro-Flo Screen

- a.) Quantity one (1) Hydro-Flo Screen and Washing Compactor, which will fit in a channel measuring 51" wide by 84" deep in the vicinity of the screen. The approach channel shall be 24" wide and 84" deep.
- b.) A spray wash will clean the screenings from the grid and deposit them into the screenings sluice trough. The sluice trough will transport screenings from the discharge of the Hydro-Flo screen to the Washing Compactor. The back plate of the Hydro-Flo sluice trough will have a wash water connection for supplementary wash water.
- c.) The Washing Compactor will wash the screenings and lift solids a minimum of 44" above the operating floor. Organic material and wash water shall be returned to channel on the influent side of the screen.
- d.) All stainless steel components shall be T316. All fasteners and hardware shall be T316 stainless steel.
- e.) The Hydro-Flo Screen will consist of stainless steel elements connected in parallel with 3/8" thick UHMWPE panels with 6mm (1/4") perforations. The elements will be mounted on stainless steel pivot shafts with UHMWPE guide links at each end of the shaft. The screen's assembly will be mounted in a stainless steel frame with stainless steel wear tracks to guide and support the screenings grid. Rectangular structure of screen frame shall have a minimum cross-sectional stainless steel thickness of 3/8." Cross members shall be manufactured of stainless steel pipe and minimum cross-sectional stainless steel plate thickness of 1/2." Lower guide tracks shall be bolt on and field replaceable.
- f.) All wetted parts will be of stainless steel and high-density composites for maximum corrosion resistance. To reduce maintenance, no bearings, seals or other mechanisms are subject to

operation in the flow stream. Front and rear covers will completely enclose the Hydro-Flo above the operating floor. Side access panels for screen will electrically "lock out" screen to prevent automatic starting after a cover has been removed.

- g.) The Hydro-Flo Screen is driven by included appropriate motors and gear reducers. No parts of the drive system are directly in contact with, or exposed to, the screened debris.

2. Washing Compactor

- a.) Quantity one (1) 10" Washing Compactor complete with covers to fit under the discharge of the Hydro-Flo Screens transfer sluice. The Washing Compactor will accept the debris and spray wash water discharged from the Hydro-Flo Screen. Two spray headers, in conjunction with a mixing screw conveyor, will return organic matter, in the screenings, to the channel. Wash water will drain through a slotted trough. The top end of the drain pan beneath the trough will have an additional spray point to aid in flushing broken down organic material. The remaining washed screenings will be transported to screenings receptacle, supplied by others.
- b.) The Washing Compactor, including covers, flight, and housing will be constructed of heavy gauge stainless steel. Flight shall be 1/4" thick, have a 3.5" OD torque shaft and have a full pitch. The Washing Compactor will be driven by an electric motor and be supported by bearings on both the drive and discharge ends. The discharge end bearing shall support the flight and be replaceable without removing the flight.

3. Controls

- a.) Quantity one (1) NEMA 4X 508A UL listed control panel. The electric control system shall automatically control the Hydro-Flo screen and the Washing Compactor.
- b.) Each control system shall consist of:
 - 1 - Enclosure, NEMA 4X, 316 Stainless Steel, Wall mounted
 - 1 - Main Circuit Breaker Disconnect, w/ door handle
 - 2 - Motor Circuit Protectors, HMCP type
 - 2 - Motor Starters, NEMA, Reversing, w/ overload [Screen 0.75HP, Compactor 3HP]
 - 2 - Current Monitors [Screen and Compactor]
 - 1 - Control power transformer, 480-120VAC
 - 1 - Panel heater w/ thermostat
 - 1 - Alarm horn
 - 1 - Phase failure relay
 - 1 - Surge protection
 - 2 - Hour Meters
 - 1 - Smart Relay, [Off delay, Recycle timer, Compactor Auto Reverse Logic]
 - 2 - Push buttons, NEMA 4X [E-Stop, Reset, Silence]
 - 5 - Pilot lights, NEMA 4X, PTT, LED type [Power, (2) Run, (2) Fault]
 - 4 - Selector switch [(2) H-O-A, (2) Reverse jog
 - 1 - Lot, Control relays, socket type
 - 1 - Lot, Terminal blocks
 - 1 - Barrier relay for inspection door switches
 - 1 - Lot, Input commands from SCADA [(2) motor call to run, (2) SV call to run]
 - 1 - Lot, Dry contacts for SCADA monitoring [(2) Run, (2) Fault, (2) Auto, (1) Booster Pump Call, (1) High Level]
 - 1 - 4-20mA signal from HydroRanger 200 LIT to SCADA [Differential Level]
- c.) Ship loose components
 - 1 - HydroRanger 200 Differential Level Assembly (including)

- 1 - HydroRanger 200
- 2 - XPS-15F Transducers with 10m cable
- 2 - Submergence shields
- 1 - Handheld programmer
- 2 - E-Stop Stations, NEMA 7
- 1 - Lot spare parts per 16191, 2.02C

4. Electric motors, and speed reducers
 - a.) Electric motor for screen is 3/4 hp, explosion proof, NEMA 56C face, 3 phase, 480V, 60 Hz.
 - b.) Electric motor for Washing Compactor is 3 hp, explosion proof, NEMA 56C face, 3 phase, 480V, 60Hz.
 - c.) Speed reducer for screen is a SEW Eurodrive.
 - d.) Speed reducer for Washing Compactor is a SEW Eurodrive.
5. Spare Parts
 - a.) One (1) lot of manufacturer recommended spares for the filter screen and Washing Compactor. Each lot of spare parts includes 2 guide links, 1 center support, 2 axles, 10 hook links, 2 screen panels and 10 spacers.
6. Accessories
 - a.) Necessary anchor bolts for mounting
 - b.) Two (2) 1" explosion proof solenoid valves
 - c.) Two (2) 1.5" PVC female slip wash water strainers
 - d.) Two (2) manual ball valves

SPECIFICATION COMMENTS

2.02 D.4 – The Hydro-Flo screening system will require a minimum wash water pressure of 60psi.

2.03 D – The proposed Washing Compactor will have a maximum 3hp motor.

COMMISSIONING SERVICE & CUSTOMER TRAINING

Installation assistance, inspection, commissioning of equipment, training, field testing and follow up inspections will be furnished with factory-trained servicemen. This service, if required, will be rendered in five (5) visits from our factory and will not exceed six (6) eight-hour working days. Each additional trip will be figured at \$1,500 and each additional day onsite will be figured at \$1,200. It is agreed and understood that all necessary utilities such as water, electric, air, etc. be connected and functional prior to the arrival of our servicemen. A complete job of checking, adjusting, etc. of the equipment and installation cannot be accomplished unless the plant is ready to operate at the time this service is to be performed. Our servicemen are non-union technicians and any extra cost for other assisting personnel as required by local union regulations is not included in this proposal. Advance notification of at least ten (10) working days prior to the date start-up service is required.

FREIGHT

F.O.B. Jobsite with freight costs included.

WARRANTY

The screen and all appurtenances including, but not limited to: frame, supports, covers, and mechanisms manufactured by Hydro-Dyne Engineering are warranted for a period of 1 year against defects in materials and workmanship. Items supplied to Hydro-Dyne Engineering shall be covered under original manufacturer's warranty. Hydro-Dyne Engineering reserves the right to repair or replace warranted equipment at installation or factory, F.O.B. Hydro-Dyne.

NOT INCLUDED

Concrete work, installation, plumbing, wiring connections, bonds, liquidated damages, and anything else not specifically mentioned above as included will be construed as NOT INCLUDED, whether or not inclusion is specifically acknowledged.

TOTAL PRICE

One (1) Hydro-Flo screen & One (1) Washing Compactor **\$253,000.00**
Freight and start-up included for screen and compactor sold together.

DISCOUNT FOR PROGRESS PAYMENT TERMS

\$2,500.00

The above discount is available for the equipment package if the following progress payment terms are agreed upon.

25% net upon receipt of approved shop drawings due before release for manufacture, 50% net upon completion for testing due before shipment, 100% net due 30 calendar days upon delivery. Past due balances will be subject to a service charge of 1-1/2% per month on the unpaid balance and services, including shipping and startup, will not be scheduled until account is current.

TAXES

Applicable sales or use taxes, fees, permits, and licenses are not included.

TERMS

100% net due 30 calendar days upon delivery. Past due balances will be subject to a service charge of 1-1/2% per month on the unpaid balance and services, including shipping and startup, will not be scheduled until account is current.

VALIDITY

Price quoted is firm provided:

1. Written acceptance is received at the factory within sixty (60) calendar days of the date of this offering.
2. Purchaser agrees to accept shipment 14 to 20 weeks from date of receipt of approved drawings and authorization to proceed with manufacture. Purchaser is allowed not more than 45 calendar days for review and return of submittals for approval.
3. Shipments delayed by the purchaser or his agents will be escalated at a rate of 1-1/2% per calendar month, compounded, of the value of the unshipped portion.

For additional information, please contact me personally.

Sincerely,

Austin Moore
Regional Sales Manager
Hydro-Dyne Engineering, Inc.