

**Lee County Board Of County Commissioners  
Agenda Item Summary**

Blue Sheet No. **20041480**

**1. REQUESTED MOTION:**

**ACTION REQUESTED:** Approve and authorize Chairman to execute Change Order #1 with Youngquist Brothers, Inc. under Contract #2808 (RFQ-04-01) DEEP INJECTION WELL AND MONITORING WELL CONSTRUCTION, for the project known as Pinewood Injection Well in the amount of \$1,194,600 for a total contract amount of \$5,127,600.00.

**WHY ACTION IS NECESSARY:** Board approval is required.

**WHAT ACTION ACCOMPLISHES:** Youngquist Brothers to proceed with the Pinewood Injection Well project.

**2. DEPARTMENTAL CATEGORY:**

**CIOG**

**3. MEETING DATE:**

**11-23-2004**

**10. Utilities  
COMMISSION DISTRICT #: 5**

**4. AGENDA:**

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED:**

**5. REQUIREMENT/PURPOSE:  
(Specify)**

- STATUTE
- ORDINANCE
- ADMIN. CODE **AC-4-4**
- OTHER

**6. REQUESTOR OF INFORMATION:**

- A. COMMISSIONER
- B. DEPARTMENT **Public Works**
- C. DIVISION **Utilities**
- BY: **Rick Diaz, P.E., Director**

*[Signature]*  
**11/4/04**

**7. BACKGROUND:**

On May 25, 2004, the Board authorized Staff to enter into a construction contract under RFQ-04-01 DEEP INJECTION WELL AND MONITORING WELL CONSTRUCTION, for the project known as Pinewood Injection Well to Youngquist Brothers, Inc., in the lump sum amount of \$3,933,000.00, plus additional fees (on an as-needed basis) to include gravel contingency; 24-hour packer testing; and rig delays, based on 300 days for substantial completion, 330 for final completion for 7 days per week and 24 hours a day drill schedule.

At this time we are requesting Board approval and execution of Change Order # 1 so that Youngquist Brothers can proceed with the Pinewood Injection Well project.

Funds will be available in Account #20715548736.506540 & Account # 20715548730.506540 after budget is transferred from the San Carlos WTP Project (207156) during carryovers.

Attachments: 1.) Proposal from Youngquist Brothers dated October 28, 2004 (3 Orig)

**8. MANAGEMENT RECOMMENDATIONS:**

**9. RECOMMENDED APPROVAL:**

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
					OA	OM	Risk	GC	
<i>[Signature]</i> Lavender 11-4-04	<i>[Signature]</i> 11/4	N/A	<i>[Signature]</i> 11/4/04		<i>[Signature]</i> 11/8/04	<i>[Signature]</i> 11/8/04	<i>[Signature]</i> 11-8-04	<i>[Signature]</i> 11-9-04	<i>[Signature]</i> Lavender 11-4-04

**10. COMMISSION ACTION:**

- APPROVED
- DENIED
- DEFERRED
- OTHER

**Rec. by CoAtty**  
 Date: **11/5/04**  
 Time: **11:40**  
 Forwarded To:  
**Co. Admin**  
**11/5/04**

**RECEIVED BY  
COUNTY ADMIN:**  
**11/5/04**  
**3:55 pm**  
**COUNTY ADMIN  
FORWARDED TO:**  
**11-5-04**  
**3:00 pm**

(Prepared by Contracts)

Youngquist Brothers, Inc.  
15465 Pine Ridge Road  
Fort Myers, Florida 33912  
239-489-4444

Ivan Velez  
Lee County Utilities  
1500 Monroe Street  
Fort Myers, Florida 33902-0398

October 28, 2004

Re: (2<sup>nd</sup> Revision) Proposal For Pinewood Injection Well - Surface Work

Dear Mr. Velez,

Youngquist Brothers, Inc. (YBI) will provide all labor, equipment and materials necessary to construct The Pinewood Water Treatment Facilities Improvements, Injection Well Surface Facilities Improvements per Source Inc., specifications dated September 7, 2004 and our existing deep injection well contract document. Additionally this proposal is based on a lump sum fixed price agreement and the prices and conditions outlined below.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Amount</u>
1.)	12" PVC Reuse Main	1 LS	\$225,600
2.)	12" PVC Injection Force Main	1 LS	\$215,000
3.)	Injection Pump Station	1 LS	\$286,000
4.)	Drainage Pump Station & Piping	1 LS	\$35,000
5.)	I/W Piping & Annular System	1 LS	\$70,000
6.)	M/W Piping, Sink & Pump	1 LS	\$30,000
7.)	Electrical, PI&C	1 LS	\$315,000
8.)	Outfall Structure & Retention Area	1 LS	\$18,000
<b>Total</b>			<b>\$1,194,600</b>

This Revised Proposal is based on the following conditions:

- A.) Drainage Pump Station is a (4') diameter package fiberglass station by South Florida Lift Stations, Inc., pursuant to our meeting 10/27/04.
- B.) All below ground piping is DR18 PVC.
- C.) All below ground fittings are MI Ductile Iron with Protecto 401 Lining.
- D.) Pipe Restraint Joints are included as needed, not every joint.
- E.) Vertical Turbine Pump Heads are Epoxy Coated Steel or Cast Iron.
- F.) No HDPE pipe or fittings are include in this proposal.
- G.) No chart recorders are included. The chart recorder shown on drawing I02 are assumed to be existing or by others.
- H.) Pump Manufactures (5) Year Warranty are not available, Standard (1) Year Warranty is included.

If you have any questions or need any additional information please call us.

Respectfully,



Edward McCullers,  
Vice President

Cc: Daniel J. Acquaviva, WRS

1. REQUESTED MOTION:

**ACTION REQUESTED:** Approve entering into a construction contract under RFQ-04-01 DEEP INJECTION WELL AND MONITORING WELL CONSTRUCTION, for the project known as Pinewood Injection Well to Youngquist Brothers, Inc., in the lump sum amount of \$3,933,000.00, plus additional fees (on an as-needed basis) to include gravel contingency; 24-hour packer testing; and rig delays, based on 300 days for substantial completion, 330 for final completion for 7 days per week and 24 hours a day drill schedule. SEE PAGE 2.

**WHY ACTION IS NECESSARY:** Board approval is required.

#2808

**WHAT ACTION ACCOMPLISHES:** Provides Lee County with a contractor, Youngquist Brothers, to proceed with the Pinewood Injection Well project.

2. DEPARTMENTAL CATEGORY:

10. Utilities  
COMMISSION DISTRICT #:

C10B

3. MEETING DATE:

05-25-2004

4. AGENDA:

5. REQUIREMENT/PURPOSE:  
(Specify)

6. REQUESTOR OF INFORMATION:

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED:

- STATUTE
- ORDINANCE
- ADMIN. CODE AC-4-4
- OTHER

- A. COMMISSIONER
- B. DEPARTMENT Public Works
- C. DIVISION Utilities
- BY: Rick Diaz, Director

*[Handwritten signature and date 5/13/04]*

7. BACKGROUND:

On December 2, 2003, the Board authorized Staff to negotiate on a project-by-project basis with Youngquist Brothers, Inc., under RFQ-04-01 01 DEEP INJECTION WELL AND MONITORING WELL CONSTRUCTION, for a five (5) year contract period.

The Utilities Division has successfully negotiated a lump sum amount for the Pinewood Injection Well project and now requires Board approval. At this time we are requesting Board approval to enter into a construction contract, for the project known as Pinewood Injection Well with Youngquist Brothers, Inc., in the lump sum amount of \$3,933,000.00, plus additional fees (on an as-needed basis) to include gravel contingency (over 200% pea gravel would be pumped at \$4.50 per cubic foot); 24-hour packer testing (if hours exceed 168 rate will be \$500 per each additional hour); and rig delays (delay days at \$10,000.00 per each additional 24-hour day), based on 300 days for substantial completion, 330 for final completion for 7 days per week and 24 hours a day drill schedule.

Youngquist Brothers will be required to execute the County's Standard Construction Contract and provide the required Public Payment and Performance Bond and required insurance.

Funds are available in Account #20715548736.506540 & 20715548730.506540 *PC*

Attachments: 1.) Proposal from Youngquist Brothers dated March 2, 2004

8. MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL:

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services			G County Manager
					OA	OM	Risk	GC
<i>[Signature]</i> 5-13-04	<i>[Signature]</i>	NIA	<i>[Signature]</i>	<i>[Signature]</i> 5/13/04	<i>[Signature]</i> 5-13-04	<i>[Signature]</i> 5/13/04	<i>[Signature]</i> 5/13/04	<i>[Signature]</i> 5-13-04

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

RECEIVED BY  
COUNTY ADMIN: *[Signature]*  
5/13/04  
3:15 pm SW  
COUNTY ADMIN  
FORWARDED TO:

Blue Sheet No. 20040572

(continued from page 1.)

*OK* Approve budget transfer in the amount of \$1,100,000 from the Airport Sewer Project to Pinewood Injection Well Project. Amend Fy03-04 CIP accordingly.

**Youngquist Brothers, Inc.  
15465 Pine Ridge Road  
Fort Myers, Florida 33908  
239-489-4444**

Rick Diaz, Director  
Lee County Utilities  
1500 Monroe Street  
Fort Myers, Florida 33902-0398

March 4, 2004

Re: Pinewood Injection Well - Proposal.

Dear Mr. Diaz,

Youngquist Brothers, Inc, (YBI) will provide all labor, equipment and materials necessary to construct the referenced project based on the specifications provided by Water Source Solutions (dated 2/19/04) and the items (1-8) outline below for the lump sum / fix price amounts indicated.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Amount</u>
1.)	Deep Injection Well	1 LS	\$3,180,000
2.)	Dual Zone Monitor Well	1 LS	\$608,000
3.)	Site Work (Clearing & Filling)	1 LS	<u>\$145,000</u>
		Total	\$3,933,000

- 1.) Lump Sum/Fixed Price Contract:** A Lump Sum/Fixed Price Amount for the scope of work described by the specifications and contract documents.
- 2.) Gravel Contingency:** If a lost circulation zone is encountered while cementing a pilot hole and/or casing and it requires more than 200 % of the theoretical volume to fill, pea gravel would be pumped at \$4.50 per cubic foot until fill up through the lost circulation zone is accomplished.
- 3.) 24-Hour Packer Testing:** There are (7) packer tests required in the injection well. Twenty-Four (24) hours of development time will be included after the packer is set for each packer test or a total of (168) hours of development time for both wells. If the total hours of development for both wells exceeds the (168) hours YBI will be compensated at the rate for \$500.00 per each additional hour.

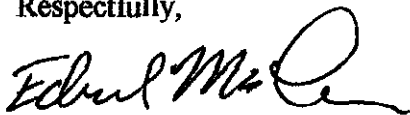
Cont

Page 2  
March 4, 2004  
Pinewood Injection Well - Proposal

- 4.) **Rig Delays:** Our job sites run (7) days a week (24) hours a day and so do our costs. We will anticipate (8) 24-hour delay days, (1) day for each casing string. If the total delay days for the project exceed the (8) days YBI will be compensated \$10,000.00 per each additional 24-hour day.
- 5.) **Injection Test:** The injection test will be performed through permanent wellhead, piping and pump station. YBI will only provide required down hole geophysical logs.
- 6.) **Contract Time & Notice To Proceed:** NTP issued within (30) Days. (300) Days for Substantial Completion, (330) Days for Final Completion. Approval of (7) day a week (24) hour a day drill schedule.
- 7.) **Import Fill and Base Material:** YBI will import fill and base material as necessary for well construction. This Proposal is based on leaving this material on site and in place.
- 8.) **Utilization of the following:** Temporary Steel Containment/Drilling Pad, Modified Procedures for and use of YBI -- External Cementing Packers & Positive Seal Packer.

If you have any questions or need any additional information please call us.

Respectfully,



Edward McCullers,  
Vice President

Cc: Ivan Velez, Lee County Utilities  
Daniel J. Acquaviva, WRS

# REQUEST FOR TRANSFER OF FUNDS

UND NAME: LCU Capital Improvements DATE: 05/13/04 BATCH NO. \_\_\_\_\_

FISCAL YEAR: 03/04 FUND #: 48730 DOC TYPE: YB LEDGER TYPE: BA

TO: Capital Projects Water System Projects  
 (DIVISION NAME) (PROGRAM NAME)

NOTE: PLEASE LIST THE ACCOUNT NUMBER BELOW IN THE FOLLOWING ORDER:  
 FUND #-DEPT/DIV #-PROGRAM #-OBJECT CODE #-SUBFUND #-PROJECT#-COST CENTER #.  
 (EXAMPLE: BB5120100100.503450)

ACCOUNT NUMBER	OBJECT NAME	DEBIT
20715548730.506540	Improvements Construction	\$ 1,100,000
	TOTAL TO:	\$ 1,100,000

ACCOUNT NUMBER	OBJECT NAME	CREDIT
20700048730.506540	Improvements Construction	1,100,000
	TOTAL FROM:	\$ 1,100,000

EXPLANATION: Transfer funds from the Regional Airport Sewer System project to the Pinewoods Water Treatment Plant Deep Injection Well project.

*[Signature]* 5/13/04  
 DIVISION DIRECTOR SIGNATURE DATE

DBS: APPROVAL  DENIAL

APPROVAL  DENIAL

CO. ADMIN.: APPROVAL  DENIAL

DEPARTMENT DIRECTOR SIGNATURE DATE  
*[Signature]* 5-13-04

OPERATIONS ANALYST SIGNATURE DATE  
*[Signature]* 5/13/04

BUDGET OPERATIONS MANAGER SIGNATURE DATE

CO. ADMIN. SIGNATURE DATE

CC APPROVAL DATE \_\_\_\_\_ BCC CHAIRMAN SIGNATURE \_\_\_\_\_

NO. AUTH CODE TRANS DATE

LEE COUNTY CONSTRUCTION CONTRACT  
CHANGE ORDER

NO.: 1

(A Change Order Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners over \$50,000)

CONTRACT/PROJECT NAME: PINWOOD INJECTION WELL

CONTRACTOR: YOUNGQUIST BROTHERS, INC.

PROJECT NO.: \_\_\_\_\_

Account #: \_\_\_\_\_

CONTRACT NO.: 2808

BID NO.: RFQ-04-01

CHANGE REQUESTED BY: IVAN VELEZ

DATE OF REQUEST: 11/3/04

Upon the completion and execution of this change order by both parties to the Contract the Contractor is authorized to and shall proceed to make the following changes in the Contract Documents:

Description: Additional work for Pinewood Injection Well - See proposal dated October 28, 2004, attached to this Change Order.  
Purpose of Change order:

Attachments (List documents supporting change)

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIME:

Original Contract Price

\$3,933,000.00

Original Contract Time

330 DAYS  
Calendar Days

Previous change orders No. \_\_\_\_\_ to No. \_\_\_\_\_

\$-0-

Net change from previous Change Orders

-0-  
Calendar Days

Contract Price prior to this change order

\$3,933,000.00

Contract Time prior to this Change order

330 DAYS  
Calendar Days

Net Increase of this Change Order

\$1,194,600.00

Net Increase of this Change Order

\$1,194,600.00  
Calendar Days

Contract Price with all approved change orders

\$5,127,600.00

Contract Time with all approved Change Orders

330 DAYS  
Calendar Days

It is understood and agreed that the acceptance of this modification by the CONTRACTOR constitutes an accord and satisfaction, and represents payment in full (both time and money) for all costs arising out of, or incidental to, the above mentioned change.

RECOMMENDED:

ACCEPTED:

COUNTY APPROVAL:

BY: \_\_\_\_\_  
Consultant (if applicable) Date

BY: Youngquist Brothers, Inc.  
Contractor

BY: \_\_\_\_\_  
Department Director  
(Under \$25,000)

(PRINT NAME) Edward McCallister-V.P. Date Approved: 11/4/04

BY: \_\_\_\_\_  
Department Director Date

Date Accepted: \_\_\_\_\_  
County Manager  
Corporate Seal

BY: \_\_\_\_\_  
(Under \$50,000)

BY: \_\_\_\_\_  
Contracts Management Date

Date Approved: \_\_\_\_\_

APPROVED:

BY: \_\_\_\_\_  
Chairman  
Board of County Commissioners

\_\_\_\_\_  
County Attorney's Office Date (over \$50,000)

Date Approved: \_\_\_\_\_

CMO:011