

# MANATEE COUNTY GOVERNMENT SOURCE SELECTION

<b>SUBJECT</b>	MSO Jail Kitchen Floor Replacement	<b>DATE POSTED</b>	Date Posted on mymanatee.org
<b>PURCHASING REPRESENTATIVE</b>	Deborah Carey-Reed, 941/749-3074	<b>DATE CONTRACT SHALL BE AWARDED</b>	September 7, 2011
<b>DEPARTMENT</b>	Public Works Department	<b>CONSEQUENCES IF DEFERRED</b>	N/A
<b>SOURCE RECOMMENDATION</b>	Request For Quotation #11-1704DC	<b>AUTHORIZED BY DATE</b>	R.C. "Rob" Cuthbert, CPM August 31, 2011

## ACTION DESIRED

Authorization to issue purchase order for replacement of the kitchen floor at the MSO Central Jail, to the lowest responsive, responsible vendor meeting specifications, Plexi-Chemie, dba Industrial Flooring Specialist, Jacksonville, Florida, in the amount of \$197,370.18 (that includes all area Options and Alternate #1 with contractor demolishing existing flooring) and 27 calendar days for completion of the work.

## ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.)

Manatee County Code of Laws Chapter 2-26, Purchasing Ordinance Section 2-26-40, and the Standards and Procedures approved by the County Administrator.

## BACKGROUND/DISCUSSION

- The work includes the replacement of approximately 12,065 square feet of aged tile flooring in the Manatee County Central Jail kitchen area with a combination urethane-cement and graded aggregates flooring system for the purpose of alleviating standing water and unsafe working conditions with improved drainage runoff, slip resistance, resistant to high levels of moisture vapor, and installed with an integral cove base for sanitary seamless wall to floor transition. Karins Engineering Group, Inc., a professional consultant to the County, designed this project and will provide administrative services during the replacement.
- 05/25/11 to 07/05/11 This Request For Quotation was broadcasted on the Manatee County website and directly solicited to 29 vendors of which 23 are Manatee County registered vendors. Seven firms attended the pre-bid meeting and two quotes were received with one Bradenton firm participating.
- Estimated start of construction is 09/26/11 with completion within 27 days for an estimated completion date of 10/22/2011

## SUMMARY RESULTS:

### TWO RESPONSES: (tabulation of all quotes attached)

Aldrich Flooring, Bradenton FL	\$356,662.20
Plexi-Chemie, Jacksonville FL	\$197,370.18

## ATTACHMENTS: (List in order as attached)

- 1) Department Recommendation
- 2) Karins Engineering Group Recommendation
- 3) Tabulation

## INSTRUCTIONS:

N/A

**COST** \$197,370.18

**SOURCE (ACCT# & NAME)** 0010020507

**COMMENTS** N/A

**AMT./FREQ. OF RECURRING COSTS  
(ATTACH FISCAL IMPACT STATEMENT)** N/A

# MEMORANDUM



*Property Management Department  
P.O. Box 1000  
1112 Manatee Avenue West, Ste 868  
Bradenton, FL 34206-1000*

**MANATEE COUNTY  
FLORIDA**

*Construction Services Division  
Phone: 941-749-3005  
Fax: 941-749-3018  
[www.mymanatee.org](http://www.mymanatee.org)*

**To:** Melissa Assha, Contracts and Buyer Manager  
Purchasing Division

**From:** Tom Yarger, Construction Services Division Manager <sup>4</sup>  
Property Management Department

**Date:** August 30, 2011

**Subject:** MSO Central Jail Kitchen Floor Replacement

The bids for the above referenced project have been reviewed by staff. The bid tabulation form is attached for your review. It is recommended that the contract for MSO Jail Kitchen Floor Replacement be awarded to the lowest responsive bidder, Plexi-Chemie in the amount of \$197,370.18. in accordance with the terms and conditions of the bid package. The funding source for the contract is 0010020507.

Please contact John Rowland, Construction Coordinator, if you have any questions regarding the attached documents.

Thank you for your continued assistance.

cc:

Charlie Bishop, Director, Property Management  
John Rowland, Construction Coordinator  
Project File #61528

MANATEE COUNTY  
2011 AUG 30 AM 11 43  
PURCHASING



**KARINS  
ENGINEERING  
GROUP, INC.**

2017 Hicsta Drive  
Sarasota, Florida 34231  
Toll Free: (866) 927-8525  
Tel: (941) 927-8525  
Fax: (941) 927-8075  
jb@keg-engineering.com

August 9, 2011

John Rowland  
Manatee County Government  
1112 Manatee Avenue W.  
P. O. Box 1000  
Bradenton, FL 34205-8926

**RE: MSO Central Jail - Kitchen Floor Replacement**  
**14470 Harlee Road, Palmetto, Florida**  
**KEG Project # 10DS-0001.012**  
**RE: Bid Review**

Dear Mr. Rowland:

At the request of Manatee County, Karins Engineering Group, Inc. (KEG) contacted Plexi-Chemie dba Industrial Flooring Specialists (IFB) to review the submitted product PlexiCrete SLBQ and the specifications of the bid documents. KEG notified IFB that the PlexiCrete SLBQ did not meet the specification in particular the Abrasion Resistance per ASTM D4060 CS-17. The specifications required a test result of 0.12 grams loss or less. The PlexiCrete SLBQ data sheet submitted indicated a test result of 0.26 grams loss. IFB then informed KEG that the product could be modified to meet the ASTM D4060 CS-17 requirement by adding a small amount of an additive called Super Taber and small adjustment to the aggregate. They indicated that they have made these changes in the past to improve abrasion resistance. They noted that this modification would not change any other physical properties and would not change the bid submitted to the county.

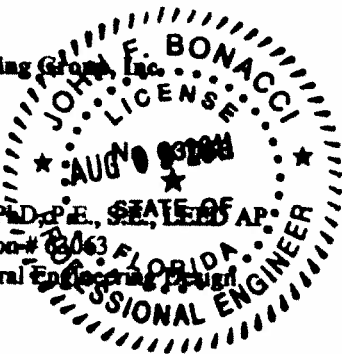
The manufacturer shall have the modified product tested to demonstrate that it meets the requirements of ASTM D4060 CS-17 specified in the bid documents prior to installation of the product. Attached is the letter submitted from Plexi-Chemie to Karins Engineering Group, Inc.

With the additional information provided to Karins Engineering Group, Inc. stating the Abrasion Resistance can be met without change to any other physical property, we recommend awarding the contract to Plexi-Chemie. We trust this information is helpful. Should questions arise or any additional information be needed, please do not hesitate to call.

Sincerely,

Karins Engineering Group, Inc.

John F. Bonacci, Ph.D., P.E., S.E., L.E.D. AP  
Florida Registration # 63063  
Director - Structural Engineering Design



Florida Certificate of Authorization Number 8571

St. Petersburg

Sarasota

Ft. Lauderdale

Naples / Ft. Myers



High Performance Seamless Resinous Flooring Systems

July 26, 2011

Thomas M. Buffington, Project Manager  
Karins Engineering Group, Inc.  
2017 Fiesta Drive  
Sarasota, Florida 34231

RE: Manatee County Jail Kitchen

Thomas,

Yes, we can improve the abrasion resistance to meet your specification. We can achieve this with a small addition of an additive (Super Taber) and a small adjustment to the aggregate. We have made these changes before to improve abrasion resistance where needed. These will not change any of the other physical properties and will not change our bid from the current bid.

Sincerely,

Joanne Grant,  
President  
Plexi-Chemie, Inc.

**Manatee County Jail**  
**Bid Spreadsheet**  
 Prepared by  
**Karins Engineering Group, Inc.**

Base Bid w/alkenate #1

Base Bid		Piedchamle - Industrial Flooring Specialists				Aldrich Flooring			
A	Fixed Price Work	Estimate	Unit Price	Unit	Total	Estimate	Unit Price	Unit	Total
1	General Conditions			LS	\$1,936.00			LS	
2	Mobilization			LS	\$2,170.73			LS	
3	Equipment Relocation and Reinstallation / Demo	4,400	\$3.74	LS	\$16,456.00	4,400	\$7.89	LS	\$34,716.00
4	Repair Mortar and Sloping	4,400	\$3.65	SF	\$16,060.00	4,400		SF	\$0.00
5	Cementitious Urethan Coating	4,400	\$5.90	SF	\$25,960.00	4,400	\$19.84	SF	\$87,296.00
6	Base Cove	325	\$4.95	LF	\$1,608.75	325	\$1.85	LF	\$601.25
7	Discretionary Work			LS	\$7,500.00			LS	\$7,500.00
TOTAL FIXED PRICE WORK					\$71,891.48	\$130,113.25			
B	Option #1	Estimate	Unit Price	Unit	Total	Estimate	Unit Price	Unit	Total
1	General Conditions			LS	\$712.80			LS	
2	Mobilization			LS	\$813.14			LS	
3	Equipment Relocation and Reinstallation / Demo	1,620	\$3.74	LS	\$6,058.80	1,620	\$7.89	LS	\$12,781.80
4	Repair Mortar and Sloping	1,620	\$3.65	SF	\$5,913.00	1,620		SF	\$0.00
5	Cementitious Urethan Coating	1,620	\$5.90	SF	\$9,558.00	1,620	\$19.84	SF	\$32,140.80
6	Base Cove	200	\$4.95	LF	\$990.00	200	\$1.85	LF	\$370.00
7	Discretionary Work			LS	\$2,500.00			LS	\$2,500.00
TOTAL FIXED PRICE WORK					\$28,646.74	\$47,782.60			
C	Option #2	Estimate	Unit Price	Unit	Total	Estimate	Unit Price	Unit	Total
1	General Conditions			LS	\$528.00			LS	
2	Mobilization			LS	\$670.92			LS	
3	Equipment Relocation and Reinstallation / Demo	1,200	\$3.74	LS	\$4,488.00	1,200	\$7.89	LS	\$9,468.00
4	Repair Mortar and Sloping	1,200	\$3.65	SF	\$4,380.00	1,200		SF	\$0.00
5	Cementitious Urethan Coating	1,200	\$5.90	SF	\$7,080.00	1,200	\$19.84	SF	\$23,808.00
6	Base Cove	140	\$4.95	LF	\$693.00	140	\$1.85	LF	\$259.00
7	Discretionary Work			LS	\$2,000.00			LS	\$2,000.00
TOTAL FIXED PRICE WORK					\$19,836.82	\$36,636.00			
D	Option #3	Estimate	Unit Price	Unit	Total	Estimate	Unit Price	Unit	Total
1	General Conditions			LS	\$246.40			LS	
2	Mobilization			LS	\$321.43			LS	
3	Equipment Relocation and Reinstallation / Demo	560	\$3.74	LS	\$2,094.40	560	\$7.89	LS	\$4,418.40
4	Repair Mortar and Sloping	560	\$3.65	SF	\$2,044.00	560		SF	\$0.00
5	Cementitious Urethan Coating	560	\$5.90	SF	\$3,304.00	560	\$19.84	SF	\$11,110.40
6	Base Cove	100	\$4.95	LF	\$495.00	100	\$1.85	LF	\$185.00
7	Discretionary Work			LS	\$1,000.00			LS	\$1,000.00
TOTAL FIXED PRICE WORK					\$9,806.23	\$18,713.80			
E	Option #4	Estimate	Unit Price	Unit	Total	Estimate	Unit Price	Unit	Total
1	General Conditions			LS	\$1,372.80			LS	
2	Mobilization			LS	\$1,533.97			LS	
3	Equipment Relocation and Reinstallation / Demo	3,120	\$3.74	LS	\$11,668.80	3,120	\$7.89	LS	\$24,618.80
4	Repair Mortar and Sloping	3,120	\$3.65	SF	\$11,388.00	3,120		SF	\$0.00
5	Cementitious Urethan Coating	3,120	\$5.90	SF	\$18,408.00	3,120	\$19.84	SF	\$61,900.80
6	Base Cove	200	\$4.95	LF	\$990.00	200	\$1.85	LF	\$370.00
7	Discretionary Work			LS	\$5,000.00			LS	\$5,000.00
TOTAL FIXED PRICE WORK					\$60,381.57	\$91,887.60			
F	Option #5	Estimate	Unit Price	Unit	Total	Estimate	Unit Price	Unit	Total
1	General Conditions			LS	\$140.80			LS	
2	Mobilization			LS	\$165.90			LS	
3	Equipment Relocation and Reinstallation / Demo	320	\$3.74	LS	\$1,196.80	320	\$7.89	LS	\$2,524.80
4	Repair Mortar and Sloping	320	\$3.65	SF	\$1,168.00	320		SF	\$0.00
5	Cementitious Urethan Coating	320	\$5.90	SF	\$1,888.00	320	\$19.84	SF	\$6,348.80
6	Base Cove	70	\$4.95	LF	\$346.50	70	\$1.85	LF	\$129.50
7	Discretionary Work			LS	\$500.00			LS	\$500.00
TOTAL FIXED PRICE WORK					\$6,406.00	\$8,603.10			
G	Option #6	Estimate	Unit Price	Unit	Total	Estimate	Unit Price	Unit	Total
1	General Conditions			LS	\$371.80			LS	
2	Mobilization			LS	\$423.39			LS	
3	Equipment Relocation and Reinstallation / Demo	845	\$3.74	LS	\$3,160.30	845	\$7.89	LS	\$6,667.05
4	Repair Mortar and Sloping	845	\$3.65	SF	\$3,084.25	845		SF	\$0.00
5	Cementitious Urethan Coating	845	\$5.90	SF	\$4,985.50	845	\$19.84	SF	\$16,764.80
6	Base Cove	100	\$4.95	LF	\$495.00	100	\$1.85	LF	\$185.00
7	Discretionary Work			LS	\$1,500.00			LS	\$1,500.00
TOTAL FIXED PRICE WORK					\$14,820.34	\$28,116.85			
Option #3 incorrectly calculated									

Option #3 incorrectly calculated - bid forms show \$10505.23  
 \$197,370.18

\$356,662.20