

LEE COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

BLUE SHEET NO: 20041236-UTL

1. REQUESTED MOTION:

ACTION REQUESTED:

Approve for acceptance, and filing with the Clerk's Office, Minutes Department, an after-the-fact Emergency under Resolution No. 03-07-08 for the purchase of 64 Motorola Receiver Transmitter Units (RTUs) from DCR Engineering Services for Lee County Utilities lift stations in the amount of \$340,821.00.

WHY ACTION IS NECESSARY:

Board approval is required for purchases over \$50,000.00.

WHAT ACTION ACCOMPLISHES:

Provides after-the-fact approval under the emergency GES resolution for Purchase Order #53333 to DCR Engineering Services for the purchase of 64 RTUs for the LCU's lift stations in the amount of \$340,821.00.

2. DEPARTMENTAL CATEGORY: 10
COMMISSION DISTRICT #: 5

CIOF

3. MEETING DATE:

10-19-2004

4. AGENDA:

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

5. REQUIREMENT/PURPOSE:

- (Specify)*
- STATUTE _____
 - ORDINANCE _____
 - ADMIN. CODE _____
 - OTHER Approval

6. REQUESTOR OF INFORMATION:

- A. COMMISSIONER: _____
- B. DEPARTMENT: Lee County Public Works
- C. DIVISION/SECTION: Utilities Division
- BY: Rick Diaz P.E., Director
- DATE: 9/28/04

7. BACKGROUND:

On July 1, 2003, the Lee County Board of Commissioners approved Resolution 03-07-08, Bluesheet No. 20030669, declaring a limited, temporary, emergency due to the acquisition of the Gulf Utilities System (GES) in South Fort Myers for the purposes of allowing the County to expedite the procurement of vendors and materials needed for certain immediate improvements needed to the water and wastewater system in the public's interest and the customers' convenience.

On May 11, 2004, the Lee County Board of Commissioners approved the amendment of Lee County Resolution No. 03-07-08, Blue Sheet No. 20040441, adding certain additional Lee County Utilities projects and extending the term of the Resolution to December 31, 2004.

Therefore, Lee County Utilities proceeded with the purchase of 64 Motorola Receiver Transmitter Units from DCR Engineering Services for LCU's lift stations in the amount of 340,821.00.

These RTUs were needed to connect the lift stations to Lee County Utilities' telemetry system. The RTU's send wireless signals to the main telemetry computers at the Wastewater Treatment Plants whenever there is a problem at one of the lift stations so that Lee County Utilities can prevent the lift stations from backing up or overflowing which is a health/safety hazard to the citizens of Lee County.

Funds were available in Account No. 20743048730.506410.

Attachments: Purchase Order 53333 and Quote

MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL

(A) DEPARTMENT DIRECTOR	(B) PURCH. OR CONTRACTS	(C) HUMAN RESOURCES	(D) OTHER	(E) COUNTY ATTORNEY	(F) BUDGET SERVICES				(G) COUNTY MANAGER
					OA	OM	Risk	GC	
<i>J. Sheehan</i> J. Sheehan Date: <u>9-29-04</u>	<i>J. Sheehan</i> J. Sheehan Date: _____	N/A Date: _____	<i>SAD</i> S. Dearborn Date: <u>9/29/04</u>	<i>S. Coovort</i> S. Coovort Date: _____	<i>[Signature]</i>	<i>[Signature]</i> 10/4/04	<i>[Signature]</i> 10/4/04	<i>[Signature]</i> 10-4-04	<i>J. Sheehan</i> J. Sheehan Date: <u>9-29-04</u>

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

Rec. by CoAtty
Date: 10/4/04
Time: 3:55
Forwarded To:
Admin 10/4/04

RECEIVED BY
COUNTY ADMIN:
9:30 a.m. 10/4/04
COUNTY ADMIN
FORWARDED TO:
10/7/04
930

EM

BS 2004 1236

PURCHASE ORDER

LEE COUNTY BOARD OF COUNTY COMMISSIONERS
DIVISION OF PURCHASING
PO BOX 398
FORT MYERS, FL 33902 - 0398
(239) 344-5450 TELEPHONE (239) 344-5460 FAX

BILL TO: LEE COUNTY FINANCE DEPARTMENT
PO DRAWER 2238
FORT MYERS, FL 33902-2238
(239) 335-2300

AN EQUAL OPPORTUNITY AFFIRMATIVE ACTION EMPLOYER

FLORIDA SALES TAX EXEMPTION NO. 46-07-052104-53C

Any person or affiliate as defined by statute who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid or a contract to provide any goods or services to the County; may not submit a bid on a contract with the County for the construction or repair of a public building or a public work; may not submit bids or leases of real property to the County; may not be awarded or perform work as a contractor, supplier, subcontractor, or a consultant under a contract with the County; and may not transact business with the County in excess of \$25,000 for a period of 36 months from the date of being placed on the convicted vendor list.

VENDOR: 202049

DCR ENGINEERING SERVICES INC
502 CR 640 E
PO BOX 935
MULBERRY, FL 33860

SHIP TO: LEE CO UTILITIES-WASTE WATER COLLECT
WASTE WATER COLLECTION
5180 TICE STREET
FT MYERS, FL 33905

BUSINESS PHONE: 863 428-8080
FAX NUMBER: 863 428-8036

REQUISITIONER: MILLERKA
BUYER: ARMBRUPL

P.O. NO.: **53333**

ORDER DATE: 11/3/2003
DELIVERY DATE: 11/3/2003
INSTRUCTIONS:

FREIGHT TERMS: NONE
CONFIRM TO:

QUOTE/CONTRACT NO.: EE030630
BRANCH/PLANT : UTILCIPPO

62 ea. MOSCAD L RTUs for VARIOUS LIFT STATIONS
QUOTE ATTACHED
REQUESTED BY DOUG MEYER, 936-0247
CIP 207430 - INSTRUMENT UPGRADE & IMPROVEMENTS
PROJECT EE030630
BLUESHEET 20030669 (COPY ATTACHED)
BOARD DATE 7/1/03
EXPIRATION DATE: 6/30/04
KM
10/29/03

Line	Rev	Item	Description/Account	Ordered	UOM	Unit Price	Extended Price	Req. No.	Type
1.000	0	20420	COMMUNICATION CONTROL UNITS RTUs for Various Lift Stations 20743048730.506410		EA	.0000	340,821.00	00448556	OR

Total Order: 340,821.00

PURCHASING AUTHORIZATION: JANET K. SHEEHAN

DcR Proj. No:	Client Reference No:	Lee County - Doug Meyer, 64 Intrac Replacements.doc
To:	Doug Meyer	Date: October 2, 2003
Company:	Lee County Utilities	
Phone:	1-239-936-0247 x-243	Pages including this page 2
Fax:	1-239-936-9153	
From:	Mike Taylor, DCR Engineering	
Reference:	RTU's for Intrac Site Replacements (64)	

Comments:

As per your request, we are pleased to submit this proposal to supply Motorola Moscad-L RTU's for installation at 64 (64) existing Lift Stations. These stations currently utilize Motorola's Intrac RTU. This proposal includes all required hardware, software modifications and expenses as required to upgrade these stations and provide uniformity and enhanced functionality to the Lee County Wastewater System.

Item 1 - Lift Station RTU Hardware:

The Moscad-L hardware will include the following:

1. Motorola RTU F6855 Moscad-L PLC with:
 - a. 3 Slot Module Panel
 - b. CPU Module
 - c. MTS2000 Trunking Radio (w/ DPSK radio interface)
 - d. 117VAC Modular Power Supply with 12V/3ah battery backup
 - e. NEMA-4X lockable Painted White SS Enclosure
 - f. 1-V436 Mixed I/O module
 - g. 1-V115 16 Digital Input Module
 - h. 1-V224 Tamper switch
 - i. AC Line Surge Suppressor
 - j. Dome style 800mhz Antenna and cable

Each RTU will be assembled, programmed and pre-assigned a unique site identification number, and configured at our offices for a factory test. The factory test will be performed in the presence of a Lee County representative for verification of functionality.

The total cost of this item is \$283,989.00. This item includes all required labor for receipt of equipment, assembly, CPU/radio programming, site configuration and required documentation. We expect to receive the equipment in our shop 8 to 10 weeks ARO.

Item 2 - Lift Station RTU Installation:

DCR will remove the existing Motorola Intrac RTU and install the Moscad-L RTU in the same location. All existing support equipment will be reused. In the event that support equipment is faulty or unusable, we will replace using stainless steel unistrut and mounting hardware. Existing wiring will be used and re-terminated to the Moscad-L RTU.

All existing electrical and instrumentation equipment is the responsibility of the owner, and should be in working order prior to the RTU installation, to ensure proper testing and checkout of each site. If existing electrical and instrumentation equipment is determined to be faulty, we will checkout the RTU equipment to the best of our ability using I/O local to the RTU, and provide documentation of problems found to the customer.

The total cost of this item is \$56,832.00.

Terms are monthly progress billings based on equipment received by DCR Engineering Services and efforts expended. Price is valid for 90 days from the date on this proposal. Pricing is based on normal working hours. If overtime hours are requested by the customer, premium charges only will apply.

We look forward to working with Lee County Utilities on this project, and we thank you for the opportunity to provide the equipment and services that you require.

If you have any questions, please feel free to call me at 863-428-8080.

Thank you,

Michael J. Taylor, MCP
SCADA Systems Manager
DCR Engineering Services, Inc.



Lee County - Wastewater Lift Stations - Reference Guide
Intrac Sites

REF ADR	WW REF ADR	SITE NAME	REF MAP	Tower, Channel	L.S. TYPE	RTU TYPE	RTU ADR	SYS ADR	EPROM VER
1	WW-001	P165	BEACH	1, Scada1	TYPE-A	TMRTU	46	0	2.6
3	WW-003	P165	BEACH	1, Scada1	TYPE-A	TMRTU	50	0	
4	WW-004	P166	IONA	1, Scada1	TYPE-A	TMRTU	10	0	
5	WW-005	P167	IONA	1, Scada1	TYPE-A	TMRTU	12	0	
6	WW-006	P168	IONA	1, Scada1	TYPE-A	TMRTU	14	0	
7	WW-007	P169	IONA	1, Scada1	TYPE-A	TMRTU	16	0	
8	WW-008	P170	IONA	1, Scada1	TYPE-A	TMRTU	18	0	
9	WW-009	P171	IONA	1, Scada1	TYPE-A	TMRTU	20	0	2.6
10	WW-010	P172	IONA	1, Scada1	TYPE-A	TMRTU	22	0	
11	WW-011	P173	IONA	1, Scada1	TYPE-A	TMRTU	24	0	2.6
12	WW-012	P174	IONA	1, Scada1	TYPE-A	TMRTU	26	0	
13	WW-013	P175	IONA	1, Scada1	TYPE-A	TMRTU	28	0	2.6
14	WW-014	P176	IONA	1, Scada1	TYPE-A	TMRTU	30	0	
15	WW-015	P177	IONA	1, Scada1	TYPE-A	TMRTU	32	0	
16	WW-016	P178	IONA	1, Scada1	TYPE-A	TMRTU	34	0	
17	WW-017	P179	IONA	1, Scada1	TYPE-A	TMRTU	36	0	
18	WW-018	P180	IONA	1, Scada1	TYPE-A	TMRTU	38	0	
19	WW-019	P181	IONA	1, Scada1	TYPE-A	TMRTU	40	0	
20	WW-020	P182	IONA	1, Scada1	TYPE-A	TMRTU	42	0	
21	WW-021	P183	IONA	1, Scada1	TYPE-A	TMRTU	44	0	
22	WW-022	P271	BEACH	1, Scada1	TYPE-A	TMRTU	52	0	
23	WW-023	P275	BEACH	1, Scada1	TYPE-A	TMRTU	54	0	
24	WW-024	P156	IONA	1, Scada1	TYPE-B	TMRTU	172	0	2.6
25	WW-025	P157	IONA	1, Scada1	TYPE-B	TMRTU	62	0	2.6
26	WW-026	P158	IONA	1, Scada1	TYPE-B	TMRTU	64	0	2.6
27	WW-027	P189	IONA	1, Scada1	TYPE-B	TMRTU	66	0	2.6
28	WW-028	P191	IONA	1, Scada1	TYPE-B	TMRTU	68	0	2.6
29	WW-029	P227	IONA	1, Scada1	TYPE-B	TMRTU	90	0	2.6
30	WW-030	P229	IONA	1, Scada1	TYPE-B	TMRTU	92	0	2.6
31	WW-031	P246	BEACH	1, Scada1	TYPE-B	TMRTU	96	0	2.6
32	WW-032	P248	IONA	1, Scada1	TYPE-B	TMRTU	98	0	2.6
33	WW-033	P249	IONA	1, Scada1	TYPE-B	TMRTU	100	0	2.6
34	WW-034	P255	IONA	1, Scada1	TYPE-B	TMRTU	102	0	2.6
35	WW-035	P257	IONA	1, Scada1	TYPE-B	TMRTU	106	0	2.6
36	WW-036	P264	IONA	1, Scada1	TYPE-B	TMRTU	108	0	2.6
38	WW-038	P279	BEACH	1, Scada1	TYPE-B	TMRTU	112	0	2.6
40	WW-040	P288	BEACH	1, Scada1	TYPE-B	TMRTU	116	0	2.6
42	WW-042	P293	IONA	1, Scada1	TYPE-B	TMRTU	120	0	2.6
43	WW-043	P295	IONA	1, Scada1	TYPE-B	TMRTU	122	0	2.6
44	WW-044	P296	IONA	1, Scada1	TYPE-B	TMRTU	124	0	2.6
45	WW-045	P297	BEACH	1, Scada1	TYPE-B	TMRTU	126	0	2.6
46	WW-046	P299	IONA	1, Scada1	TYPE-B	TMRTU	130	0	2.6
47	WW-047	P330	SOUTH	1, Scada1	TYPE-B	TMRTU	174	0	2.6
48	WW-048	P331	SOUTH	1, Scada1	TYPE-B	TMRTU	132	0	2.6
49	WW-049	P332	SOUTH	1, Scada1	TYPE-B	TMRTU	60	0	2.6
50	WW-050	P334	SOUTH	1, Scada1	TYPE-B	TMRTU	134	0	2.6
51	WW-051	P339	SOUTH	1, Scada1	TYPE-B	TMRTU	136	0	2.6
52	WW-052	P340	SOUTH	1, Scada1	TYPE-B	TMRTU	138	0	2.6
53	WW-053	P342	SOUTH	1, Scada1	TYPE-B	TMRTU	140	0	2.6
54	WW-054	P344	SOUTH	1, Scada1	TYPE-B	TMRTU	142	0	2.6
56	WW-056	P362	SOUTH	1, Scada1	TYPE-B	TMRTU	146	0	2.6
57	WW-057	P363	SOUTH	1, Scada1	TYPE-B	TMRTU	148	0	2.6
58	WW-058	P364	SOUTH	1, Scada1	TYPE-B	TMRTU	150	0	2.6
59	WW-059	P399	SOUTH	1, Scada1	TYPE-B	TMRTU	156	0	
60	WW-060	P453	EAST	1, Scada1	TYPE-B	TMRTU	158	0	2.6
61	WW-061	P456	EAST	1, Scada1	TYPE-B	TMRTU	160	0	2.6
62	WW-062	P464	EAST	1, Scada1	TYPE-B	TMRTU	162	0	2.6
63	WW-063	P466	EAST	1, Scada1	TYPE-B	TMRTU	164	0	2.6
64	WW-064	P468	EAST	1, Scada1	TYPE-B	TMRTU	166	0	2.6
65	WW-065	P486	EAST	1, Scada1	TYPE-B	TMRTU	168	0	2.6
66	WW-066	P489	EAST	1, Scada1	TYPE-B	TMRTU	170	0	2.6
67	WW-067	P467	EAST	1, Scada1	TYPE-C	TMRTU	56	0	
68	WW-068	P469	EAST	1, Scada1	TYPE-C	TMRTU	58	0	