

7. Approve Ranking List, Authorize Negotiations, and Award an Agreement for PS-5168-04/TLR – Engineering Services for Reclaimed Discharge Main from the Yankee Lake Regional Water Reclamation Facility. (NTE \$200,000.00)

PS-5168-04/TLR will provide for complete engineering services necessary to prepare preliminary and final engineering design, construction administration, and final construction plans and specification for the Reclaimed Discharge Main from the Yankee Lake Regional Water Reclamation Facility. This project involves the design of approximately 4,280 linear feet of 20-inch reclaimed water main in the right-of-way along the south side of SR 46 and Lake Markham Road. This proposed reclaimed water main shall connect to an existing 20-inch reclaimed main at Lake Markham Road and extend west then north on Yankee Lake Road and transverse to the effluent pump station located at the northern boundary of the property (Yankee Lake Regional Water Reclamation Facility).

This project was publicly advertised and the County received nine (9) submittals (listed in alphabetical order):

- Camp Dresser & McKee
- CPH Engineers, Inc.
- Dyer, Riddle, Mills & Precourt, Inc.
- Hartman & Associates, Inc.
- Jones, Edmunds & Associates, Inc.
- LBFH, Inc.
- Malcolm Pirnie, Inc.
- Professional Engineering Consultants
- Rockett & Associates

The Evaluation Committee, which consisted of Mike Harber, Project Manager; Gary Rudolph, Utilities Manager; Hugh Sipes, Sr. Engineer; and Dennis Westrick, Environmental Services Manager, evaluated the submittals and short-listed the following firms (listed alphabetically):

- Camp Dress & McKee
- LBFH, Inc.
- Malcolm Pirnie, Inc.

Consideration was given to the following criteria:

- Project Approach/Required Services
- Team and Experience
- Similar Projects
- Workload

The Evaluation Committee recommends that the Board approve the ranking below and authorize staff to negotiate with the top ranked firm in accordance with F.S. 287.055, the Consultants Competitive Negotiation Act (CCNA):

1. Camp Dresser & McKee
2. Malcolm Pirnie, Inc.
3. LBFH, Inc.

Funds are available in account number 40103-169100, CIP number 1812-01. Environmental Services and Fiscal Services/Purchasing and Contracts Division recommend that the Board approve the ranking, authorize staff to negotiate, and authorize the Chairman to execute an Agreement as prepared by the County Attorney's Office.

**B.C.C. - SEMINOLE COUNTY, FL
PS TABULATION SHEET**

PS NUMBER: PS-5168-04/TLR
 PS TITLE : Engineering Services for Reclaimed Discharge Main
 from Yankee Lake Regional Water Reclamation Facility
 DATE: August 11, 2004 TIME: 2:00 P.M.

ALL SUBMITTALS ACCEPTED BY SEMINOLE COUNTY ARE SUBJECT TO THE COUNTY'S TERMS AND CONDITIONS AND ANY AND ALL ADDITIONAL TERMS AND CONDITIONS SUBMITTED BY THE PROPOSERS ARE REJECTED AND SHALL HAVE NO FORCE AND EFFECT. PS DOCUMENTS FROM THE PROPOSERS LISTED HEREIN ARE THE ONLY SUBMITTALS RECEIVED TIMELY AS OF THE ABOVE OPENING DATE AND TIME. ALL OTHER PS DOCUMENTS SUBMITTED IN RESPONSE TO THIS SOLICITATION, IF ANY, ARE HEREBY REJECTED AS LATE.

| RESPONSE -1- | RESPONSE -2- | RESPONSE -3- | Response 4 |
|---|---|---|--|
| Camp Dresser & McKee (CDM) Kartic Vaith, V.P. 2301 Maitland Center Pkwy., Ste. 300 Maitland, FL 32751 407 660-2552 Ph. 407 875-1161 Fx. | CPH Engineers, Inc. Linda Gardner, Secretary-Treasurer 500 West Fulton Street Sanford, FL 32772-2808 407 322-6841 Ph. 407 330-0639 Fx. | Dyer, Riddle, Mills & Precourt, Inc. Stephen L. Precourt, P.E. VP 1505 E. Colonial Dr. Orlando, FL 32806 407 896-0594 Ph. 407 896-4836 Fx. | Hartman & Associates, Inc. Charles W. Drake, P.G., VP 201 E. Pine St., Ste. 1000 Orlando, FL 32801 407 839-3955 Ph. 407 839-3790 Fx. |
| RESPONSE -5- | RESPONSE -6- | RESPONSE -7- | Response -8 |
| Jones, Edmunds & Associates, Inc. Stanley Ferreira, Jr., PE, CFO 730 NE Waldo Rd., Bldg. A Gainesville, FL 32641 352 377-5821 Ph. 352 378-5343 Fx. | LBFH, Inc. Thomas C. Vokoun, PSM, COO 1305 E. Robinson St. Orlando, FL 32801 407 206-0490 Ph. 407 206-0493 Fx. | Malcolm Pirnie, Inc. Victor A. Hurlburt, Sr. Assoc. 2301 Maitland Ctr. Pkwy. Ste. 140 Maitland, FL 32751 407 660-1133 Ph. 407 660-9550 Fx. | Professional Engineering Consultants Ken Hooper, VP 200 E. Robinson St. Ste. 1560 Orlando, FL 32801 407 422-8062 Ph. 407 849-9401 Fx. |
| RESPONSE -9- | | | |
| Rockett & Associates Lowry E. Rockett, P.E., Principal 1685 Lee Rd., Suite 100 Winter Park, FL 32879 407 894-3804 Ph. 407 894-3805 Fx. | | | |

Tabulated by: T. Roberts, CPPB, – Posted 08/12/04

Evaluation Committee Meeting: **August 26, 2004**

Short Listed Firms: **Camp Dresser & McKee; LBFH, Inc.; Malcolm Pirnie, Inc.**

Presentations Date: **September 21, 2004**

Recommendation: **Camp Dresser & McKee**

BCC for Award: **October 12, 2004**

PS-5168-04/TLR - Initial Evaluation of Submittals - Shortlisting

| | <u>Mike Harber</u> | <u>Gary Rudolph</u> | <u>Hugh Sipes</u> | <u>Dennis Westrick</u> | <u>Total</u> | <u>RANK</u> |
|-----------------------|---------------------------|----------------------------|--------------------------|-------------------------------|---------------------|--------------------|
| Camp Dress | 91 | 85 | 90 | 94 | 360 | 1 |
| LBFH | 89 | 89 | 95 | 86 | 359 | 2 |
| Malcolm Pirnie | 88 | 89 | 89 | 90 | 356 | 3 |
| PEC | 84 | 87 | 91 | 91 | 353 | 4 |
| Rockett | 86 | 85 | 92 | 87 | 350 | 5 |
| Jones Edmunds | 90 | 92 | 83 | 78 | 343 | 6 |
| CPH | 85 | 80 | 86 | 80 | 331 | 7 |
| Hartman | 83 | 84 | 88 | 69 | 324 | 8 |
| Dyer Riddle | 87 | 77 | 79 | 74 | 317 | 9 |

Evaluation PS-5168-04/TLR**Presentations**

| | <u>Mike Harber</u> | <u>Gary Rudolph</u> | <u>Hugh Sipes</u> | <u>Dennis Westrick</u> | <u>Total</u> | <u>RANK</u> |
|----------------|--------------------|---------------------|-------------------|------------------------|--------------|-------------|
| Camp Dress | 2 | 3 | 1 | 1 | 7 | 1 |
| LBFH | 3 | 1 | 2 | 3 | 9 | 3 |
| Malcolm Pirnie | 1 | 2 | 3 | 2 | 8 | 2 |

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: CDM

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Team - Southeastern Surveying, GEC (geotech), Halback (landscape arch)
David Ammerman - PM, Good workload availability, especially Jan '05
Lots of experience w/ SC, both PW & ES, CDM was design engr for YLRWRF
Score 23
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Thorough understanding of project scope, included excerpts from 2003 Master Plan
Will evaluate hydraulic needs, confirm size 20" to 36". Using TRC for QA/QC
PDR @ 45% 60/90/100% Plans, Provided flow chart for design process
Very professionally prepared proposal, similar hydraulic modelling software as SC Score 38
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together - 165 total yrs

Top 25 in ENR 2004 Rankings, Nat'l firm w/ local expertise, lots of
Reuse experience both nationally & in FL, Eastern Regional PW system for Orlando/OC
Also working for Tampa Bay, Longboat Key & Hillsborough County, JEA, KSC, St Pete
Using H2O Map (compatible w/ SC model) - Org Chart all PEs, engrs Score 29
PM has lots of hydraulic experience, worked w/ Reuse for City of St. Pete (0-30)

Criteria: LOCATION 5

Location of firm

Local - Orlando office in Maitland Center

Score 4
(0-5)

Total Score 94
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: PEC

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

PEC has similar experience w/ SCESD/PEI for SR 46 Recl. Trans. Main
Geoff Hennessey, PE - proposed P.M., assisted by Cynthia Malone & Stephanie Chang EI
Ken Hooper - former SC Utility Dir., Lots of SC experience w/ PW Dept. as well as ES
Good CEI w/ Robt Rudd Subs: Devo Engr - geotech Score 23
Adequate staff availability DeMaps Inc - aerial photos (0-25)
Criteria: APPROACH/UNDERSTANDING 40 Southestern - surveying

Approach/understanding of this type of work

* Proposed Kick Off Mtg., reviewed as built, visited site, recognized future SR 46 need
Contract development approach is good, proposed cost savings on survey (use digital scanning of aerial photos)
Will prepare soils report in conjunction w/ DIPRA, no mention of hydraulic analysis
60, 90% Plans Score 36
Good proposal, supplemented w/ pics. plus large Aerial Photo (0-40)
Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Experienced team w/ lots of experience together most all PEs
Currently designing 6+ miles of RWM for Baldwin Park (Orlando), Successfully
Completed NWRWTF Red. Improvmts / SR 46 RTM (Mike Harbor), Design/CEI for
Cumy Ford Road Extens. & Alafaya Tr. Mains w/ Orange County, also SR 436 RWM for Baldwin Park
Several utility relocation projects w/ OC, City of Ocoee and
* Designed GST & effl system at YLRWRF in 1997, CR 491 Widening & Utilities - Citrus Cnty
Criteria: LOCATION 5

Location of firm

FL Firm w/ office in Orlando (200 E. Robinson St.)

Score 4
(0-5)

Total Score 91
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Malcolm Pirnie

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm has experience w/ SC, GWLWWTP Bins Steel, Master Contract
Available manhours is good, especially in OCT '04 & beyond
Holt Surveying - Don Holt Andreyev Engr. Geotech
PM - Victor Hurlburt, Deputy PM - Jean Cutter Score 21
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

* Error in cover letter - refers to Sludge Handling project. 30/60/90% plans
Overall, very thorough proposal with clear understanding of project, lots of pics.
Performed detailed investigation w/ aerial photos & site photos. Reviewed SC Master Plan
Proposed two (2) Alternatives to connection at YLRWRF Score 37
Proposed John Manning as Inter Gov. Relations, Aware of SR 46 (0-40)
Criteria: EXPERIENCE 30 * Proposed cost savings widening
PDR at 45%

Similar recent project experience/Team experience

Length of time team has been together

Good mix of PEs w/ lots of experience. Good subs, Team has been together many yrs
Similar experience w/ FGUA, City of Orlando, Daytona Beach, Pompano Bch, Miramar
36" FM - Conserv I Flow Diversion (Orlando), 1195 RWM, WM & FM Crossings
16" WMs - FGUA, Reel H2O - Pompano Bch Score 28
(0-30)

Criteria: LOCATION 5

Location of firm

National Firm w/ local office in Martland Center, good
resources available from other FL offices.

Score 4
(0-5)

Total Score 90
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Rockett & Associates

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm has SC experience and experienced staff, worked on SR 426, currently SR 434 utility relocations
Ardeaman & Assoc - Geotech, more than adequate staff availability
Survey-in-house, good experienced CFI - Mike Cannon, Dave Rodenick
No mention of environmental/landscape sub Score 22
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Understands County's residential reclaimed program, acknowledged hydraulics issue
Understands service interruption issues, future SR 46 widening, Will use GPR to avoid conflict
Project Approach is straightforward, mentioned critical issues Score 34
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together Good design team w/ experienced PEs
Lots of pipeline experience, recently w/ Orange & Polk counties, jointly designed
GWL/Heathrow Recl. WM Interconnect (Carol Hunter), works w/ SSNOCTA
City of Lake Mary, SR 434 Utility Relocations (H₂O, Sewer & Recl.)
Orange County Utilities - various projects; Polk County - CR SR 426 Score 27
SC - Markham Water Trans. Main, SR 426 Utility Relocations (0-30)
Criteria: LOCATION 5 Osceola Pkwy - Kissimmee

Location of firm

20 year FL firm (Formerly Blount Sykes) w/ office in Winter Park

Score 4
(0-5)

Total Score 87
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: LBFH, Inc

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Shondra Neumeister - PM included community relations, good mix of PEs
Nodarse - Geotech; Southeastern - surveying EDA - Electrical
* Glattig - Jackson - Landscape Arch, Environmental Svcs.
Staff availability is adequate, increasing in Mar '05 Score 22
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

"Team" approach, recognize SR 46 expansion, minimize conflicts (listed all impacted
Good proposal, obviously did their "homework", understand scope, included pwr utilities)
* Identified ~~four~~ (4) Project Challenges; environmental considerations, future connection.
No mention of hydraulic analysis, MOT, public involvement Score 35
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

No experience w/ SC, Abacoa master planned community w/ reuse
Palm Beach Gardens 24" Red. WM extension, Martin Downs Red. H₂O Mod's
St. Lucie County P.V. Martins WM, FM & BWM, Seacoast Utility Red. H₂O Master Plan
Tropicana Products Reuse Pipeline & Pump St. Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

FL firm w/ office in Orlando, main ofc in Palm City

Score 4
(0-5)

Total Score 86
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: CPIH

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

CPIH team has in-house capabilities for surveying, CEI, estimating
Lots of experience w/ SC, ESD (PEI), No subs noted, no Landscape Arch.
Workload availability is adequate, incr after Jan '05

Score 20
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Proposed eval. of effl. pumping (if necessary), Acknowledged need to run Fiber along w/ R/W
Recognized FDOT long-range plan for widening SR 46 & Wekiva Turnpike
30/60/90% plan review. Approach was short & sweet but concise & to-the-point
No mention of County's Reclaimed goals or 2003 Master Plan
No hydraulic analysis

Score 35
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Katrina Bowman proposed PM, >37mi of util. main experience in SC Hickman Dr. W/M Exten.
Ongoing projects w/ Citis of Sanford, Casselberry, WS, LM, Orlando, Deland, Palm Coast
Steve Bonora hydraulics, Cape Coral, HIBC rec. mains

Score 20
(0-30)

Criteria: LOCATION 5

Location of firm

FL firm w/ main office in Sanford

Score 5
(0-5)

Total Score 80
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Jones Edmunds & Associates

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm
Survey - Southeastern Geotech - Nodarse & Assoc., CEI - Inhouse
Frank Van Pelt as Project Administrator, Dinesh Kamath - Project Engr.
Availability of JEA staff is good, approaching 70% in Feb '05

Score 15
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work
Mentioned FDOT SR 46 Envir. Corridor Study in cover letter, Good Project Approach
Included pics of YLRWRF, SR 46 ROW & Yankee Lk Rd ROWs
Proposed a PDR, Thorough understanding of YLRWRF reclaimed system
Good report on existing utils w/ ROW 45%, 60% 90% plan, Score 35
Proposed Environmental Assessment No mention of hydraulic anal. (0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

BW main - Hillsborough Cnty - several projects, Pinellas Cnty - Redington Bch, Red Shrs, N. Red Beach
Frank Van Pelt (former SC PW employee), very familiar w/ SC & FDOT - recent hire w/ JEA
Currently contracted for design of RWM & FM in Plant City

Score 24
(0-30)

Criteria: LOCATION 5

Location of firm

Main office in Gainesville, local office in Winter Park
Florida firm since 1974, offices in Tampa, Titusville, Jville & Destin

Score 4
(0-5)

Total Score 78
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: DRMP

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

27 years in business, team is available "immediately", Surveying - In house
Geotech - Nodarse & Assoc. CFI in-house
PM has > 30 yrs experion. Experienced w/ SC, both PW & ES

Score 20
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Key PM tool is WBS, emphasized communication, No mention of hydraulic analysis
Proposed replacing existing 16 inch w/ 30 or 36"
No envr. sensitive obstacles Proposed 60/90/100% plans w review mty.
Obviously visited YLRWRF, had cover pics. No mention of SC
reclaimed needs / Master Plan

Score 30
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Mike Henry, PE proposed PM, Key staff have 25 to 50% availability, all experienced w/ main.
SC exper includes CR 427 & SR 426 utility relocates, no recent projects w/ SCE&D
Similar experience w/ SC (Hugh Sipe), SR 520 City of Cocoa, Toho Water Authority
Worked on Eastern Regional H₂O & WW mains, currently working
Not a lot of recl. w/m experience noted on MLK Blvd. (Kissimmee)
utility relocates

Score 20
(0-30)

Criteria: LOCATION 5

Location of firm

Orlando office (E. Colonial), FL firm

Score 4
(0-5)

Total Score 74
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: Hartman & Associates, Inc (HAI)

QUALIFICATION COMMITTEE MEMBER: J. Dennis Westrick

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

HAI has experience w/ SC ESD & PEF Div. , John Toomey - PM
Availability of staff is good, increasing in 2005
Geotech - Ardaman & Assoc. , Survey - In House , no Landscape arch.
Score 15
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Reviewed aerial photos, tax maps - very straightfwd assignment no mention of hydraulic anal.
Recognized FDOT future plans for SR 46 (widening) , NO mention of alt. pipe sizing
Proposed 60/90/100% Plans - *Submitted proposed project schedule & manhour est.
No mention of PDR report.
Score 30
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

HAI has worked on a variety of projects w/ SC incl. CUP's, alt. H₂O etc.
Similar projects - N Miami Bch (Craw H₂O mains) , City of Palm Bay (WTM)
Orange County N. Tanner Rd. H₂O & FM Implants
Score 20
(0-30)

Criteria: LOCATION 5

Location of firm

Orlando office - E. Pine St.

Score 4
(0-5)

Total Score 69
(0-100)

Mike's Evaluation

| | Score | Ranking |
|------------------|-------|---------|
| Jones Edmunds | 90 | 2 |
| CPH | 85 | 7 |
| DRMP | 87 | 5 |
| Cbfh | 89 | 3 |
| Rockett & Assoc. | 86 | 6 |
| Malcolm Pirnie | 88 | 4 |
| PEC | 84 | 8 |
| Hartman & Assoc. | 83 | 9 |
| CDM | 91 | 1 |

| | | |
|----|------------------|--------------------|
| #1 | CDM | Top 3 or 5 firm |
| #2 | Jones Edmunds | Presentations |
| #3 | Cbfh | Com. Henley perter |
| #4 | Malcolm Pirnie | 5 presentations. |
| #5 | DRMP | |
| #6 | Rockett & Assoc. | |
| #7 | CPH | |
| #8 | PEC | |
| #9 | Hartman & Assoc. | |

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Jones Edmunds

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The personnel/firm are qualified to engineer design this project

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Approach/understanding was very specific. Excellent
Research: FDOT requirements. This is a item of
concern.

Score 35
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Firm: 30 years of experience

Project experience: Past 5 yrs over 350,000 ft of reclaimed water
main design.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

City of Winter Park - Seminole County

Score 5
(0-5)

Total Score 90
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: CPH

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The personnel/firm are qualified to engineer design this project.

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Mistake: paralleling existing 16" pipe w/ 12" pipe. Page 6
The approach submitted was ambiguous. I would prefer more
detailed approach.

Score 35
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Extensive experience in the design of major reclaimed water systems.
Team experience: 103 yrs - 3 engineers, 1 CEI Manager, 1 Project estimator
Length of time together Average: 15 yrs

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

City of Sanford

Score 5
(0-5)

Total Score 85
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: DRMP

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The personnel/firm are qualified to engineer design this project.

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Excellent approach and understanding of the Project, very innovative. The firm did research the project.

Score 33
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Project Manager: 30 years of experience. Team experience 48 years.

Length of time team has been together NOT KNOWN.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

City of Orlando - Orange County

Score 4
(0-5)

Total Score 87
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Lbfh, Inc.

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The personnel/firm are qualified to engineer design this project.

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Lbfh Approach was extremely detailed. They did evaluate two approaches to routing reclaimed water system. Lbfh did understand the type of work. Referenced Scope of Service

Score 36
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Lbfh project manager and staff experience - length of time is 3yrs. Would have liked additional 6 years - 5yrs or more. Team experience.

Score 24
(0-30)

Criteria: LOCATION 5

Location of firm

City of Orlando - Orange County. However other Team Members are located at Palm City, Florida.

Score 4
(0-5)

Total Score 89
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: Rockett & Associates

QUALIFICATION COMMITTEE MEMBER: Mike Hanber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The proposed Personnel and the firm are qualified to engineer design this project.

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

R&A approach / understanding of the project is acceptable. I would prefer two approaches of routing the reclaimed water system.

Score 31
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Members of the firm have worked together as a team for the last 20 years.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

Winter Park, FL - Orange County

Score 5
(0-5)

Total Score 86
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: Malcolm Pirnie

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The proposed Personnel and the firm are qualified to engineer design this project.

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Project approach is exceptionally detailed. Malcolm Pirnie use of Mutable design was very fascinating.
Error - Project Name wrong - Letter to Ms Roberts

Score 34
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Project Manager 34 years of experience. Team experience over 10 years.

Score 24
(0-30)

Criteria: LOCATION 5

Location of firm

Maitland, Florida

Score 5
(0-5)

Total Score 88
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: PEC (Professional Engineering Consultants)

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The proposed Personnel and the firm are qualified to engineer design this project

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Approach/understanding of this project is adequate, I would prefer additional information with different project approaches.

Score 30
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

The firm and Team are experience at performing this work.
Team has over 20 years of experience.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

City of Orlando - Orange County

Score 4
(0-5)

Total Score 84
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Hartman & Associates, Inc.

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The proposed personnel and the firm are qualified to engineer design this project.

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

H&A Approach/understanding of this project was inadequate. I would prefer additional information with different design information

Score 30
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Firm and Team have similar/recent project experience
Length of time team has been together - 5 years

Score 24
(0-30)

Criteria: LOCATION 5

Location of firm

City of Orlando - Orange County

Score 4
(0-5)

Total Score 83
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: CDM

QUALIFICATION COMMITTEE MEMBER: Mike Harber

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

The proposed personnel and the firm are qualified to engineer design this Project

Score 25
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

CDM approach and understanding of the project was extensive and detailed. CDM was focused on the District's regulations and the technical issues.

Score 37
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

CDM offers team and firm experience that are similar to this project.

The project organizational chart has a combined total of 165 years working with CDM.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

Maitland, Florida.

Score 4
(0-5)

Total Score 91
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: CDM

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm is well qualified

Score 21
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Firm has shown they understand project

Score 33
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

IDENTIFIED LENGTH OF TIME TEAM TOGETHER
IDENTIFIED PROJECTS SIMILAR TO OUR

Score 27
(0-30)

Criteria: LOCATION 5

Location of firm

FIRM IS BASED IN MONTANA

Score 4
(0-5)

Total Score 85
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: CPH

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm is well qualified

Score 20
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

The SOQ shows that the firm understands the scope requested in proposal.

Score 35
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

MOST EMPLOYEES EMPLOYED IN TEAM HAVE OVER 10 yrs with the firm. Hard to identify how many projects they worked together on. Firm has retained for exp.

Score 20
(0-30)

Criteria: LOCATION 5

Location of firm

CPH IS A LOCAL FIRM WITH AN OFFICE IN SANFORD.

Score 5
(0-5)

Total Score 80
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: DRMP

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm is well qualified

Score 20
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

DRMP HAS A GOOD UNDERSTANDING OF THE SCOPE OF THIS PROJECT
LIKE THE WAY THE APPROACH WAS IDENTIFIED

Score 35
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Not a lot of Reclaimed Water Line experience noted.

Some of Team HAS BEEN FROM 74 - 4 YRS WITH DRMP.

HARD TO IDENTIFY IF TEAM HAS WORKED TOGETHER ON PROJECTS.

Score 18
(0-30)

Criteria: LOCATION 5

Location of firm

FIRM IS LOCATED IN ORLANDO

Score 4
(0-5)

Total Score 77
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: HARTMAN + ASSOCIATES

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

FIRM HAS THE ABILITY TO DO THE PROJECT

Score 19
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

FIRM SHOWS OWN APPROACH TO PROJECT & LATER THE
MAN HAD BEEN BEFORE DOWN SPANISHSTREET

Score 36
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

NO RECLAIMING PROJECTS SHOWN, MOST OF TEAM HAS
LONG TIME WITH FIRM

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

FIRM IS BASED IN ORLANDO

Score 4
(0-5)

Total Score 84
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: JONES EDWARDS

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

FIRM IS WELL QUALIFIED - TEAM SEEMS COHESIVE

Score 22
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

NICE LAYOUT OF APPROACH, IT IS OBVIOUS FIRM HAS SPENT
GOOD AMOUNT OF TIME ON PREPARING FOR PROJECT

Score 38
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

UNABLE TO DETERMINE TEAM EXPERIENCE / FIRM TIME BUT 3
OF TEAM MEMBERS HAVE WORKED ON SIMILAR PROJECTS TOGETHER

Score 28
(0-30)

Criteria: LOCATION 5

Location of firm

FIRM HAS AN OFFICE IN WINTER PARK

Score 4
(0-5)

Total Score 92
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: LBFH

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

FIRM IS WELL QUALIFIED. I LIKE THE IDEA OF A
GRANTSMAN PLANNING SPECIALIST ON TEAM

Score 23
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

FIRM HAS GOOD UNDERSTANDING OF PROJECT. HAVE A
GOOD JOB OF IDENTIFYING NEEDS.

Score 35
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

FIRM HAS INDICATED PREVIOUS EXP. HAVE NO INDIVIDUAL
WHO WORKED TOGETHER ON TEAM. MAJORITY OF TEAM HAS A SHORT
TIME WITH LBFH.

Score 27
(0-30)

Criteria: LOCATION 5

Location of firm

FIRM IS BASED IN ORLANDO

Score 4
(0-5)

Total Score 89
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: Malcolm Allen Planey

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm is well qualified

Score 20
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

I like the detail provided for the tie-in to existing facilities. Firm has a good understanding of this type of work

Score 37
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Two members work team / rest of team short time together - providing info on numerous similar projects

Score 28
(0-30)

Criteria: LOCATION 5

Location of firm

Firm is based in Maitland

Score 4
(0-5)

Total Score 89
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: PFL

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm is well qualified - recent exp. with S.C.

Score 22
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Firm has a good group of staff - with Alaska

Score 36
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

WORKED THE 46 MTR PROJECT FOR SEMINOLE COUG
MOST OF TEAM HAVE LONG TENURE WITH PFL.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

FIRM IS BASED IN ORLANDO

Score 4
(0-5)

Total Score 87
(0-100)

PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility

SUBMITTAL COMPANY NAME: Rockwell & Associates

QUALIFICATION COMMITTEE MEMBER: Gary Rudolph

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Firm is well qualified with recent

Score 20
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

The Firm has shown a good understanding of project.

Score 34
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Firm has similar recent experience with Seminole County on Hartman - Project. Hard to identify how long team has been together. Could identify 2 projects each 2 members worked on together

Score 27
(0-30)

Criteria: LOCATION 5

Location of firm

Firm is located in Winter Park

Score 4
(0-5)

Total Score 85
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: LBFH

QUALIFICATION COMMITTEE MEMBER: A. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

As prev. com Co. exp. very good exp. in other counties / states. Highly
qualified team of PE's including proj. mgr and proj. engineers. Good team
setup, including Gladding, Jackson & Etna Design Assoc. Good CEI qualifications

Score 24
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Thorough investigation / photography of prop. site. Prepared GIS maps of prop. site. Reviewed
existing reclaimed system. Reviewed permitting requirements. Excellent
submitted!

Score 39
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Not clear if proposed team was involved in the listed projects, but the company has
significant reclaimed project planning & design exp.

Score 28
(0-30)

Criteria: LOCATION 5

Location of firm

Orlando

Score 4
(0-5)

Total Score 95
(0-100)

①

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Rockett & Assoc.

QUALIFICATION COMMITTEE MEMBER: H. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Very good team. Team has been w/ EPA several years. Knowledge of Sem Co. utilities & process requirements. Highly qualified engineering team & in-house surveyors.

Score 23
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Researched the project thoroughly. Addressed the possible widening of SK46 and the impact on the project. Discussed maintaining reclaimed service. Use of GPS to locate existing utilities & plus. Permit requirements acknowledged & callout submitted.

Score 38
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Excellent Sem Co. utilities exp. Many utility related projects, with successful completions. Inspector has good & relative experience with Sem Co. utilities construction.

Score 27
(0-30)

Criteria: LOCATION 5

Location of firm

Winter Park

Score 4
(0-5)

Total Score 92
(0-100)

(2)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: PEC

QUALIFICATION COMMITTEE MEMBER: H. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Highly qualified personnel with several years exp. of projects of similar
scope. CEI engineer has significant exp. with SEMG. reclaimed system at
VLWTR

Score 24
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Very good understanding of the proj. & scope due in part to experience in existing reclaimed line from VLWTR.
Mentioned possible future extensions of scope. Very good submittal with good proj.
detail

Score 37
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Extensive experience in trans. systems design for local gov'ts. Extensive SEMG. experience.
Route 72, several years.

Score 26
(0-30)

Criteria: LOCATION 5

Location of firm

Orlando

Score 4
(0-5)

Total Score 91
(0-100)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: CPH

QUALIFICATION COMMITTEE MEMBER: H. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Highly qualified to perform this design. May become past issues with some team members.

Score 20
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Good approach especially recommendations for coordination with FOOT placed approximations & better way & alternate bid recommendations for SR 46 crossing.

Score 36
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Numerous utility projects. Recent San. G. experience in design & C&I for utilities. Project team has several years together.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

Sanford location

Score 5
(0-5)

Total Score 86
(0-100)

(7)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Jones Edmunds

QUALIFICATION COMMITTEE MEMBER: H. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Proj. mgr. good qual. in roadway but none listed for utilities. Proj. engr. & inspector appear to have considerable exp. & knowledge of utilities design & construction

Score 22
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Approach to understand scope of proj. and has researched the appropriate. Limited discussion of crossing methodology

Score 32
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Very good utility design and construction experience. Limited Gen'l Co. experience.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

Under Park Location

Score 4
(0-5)

Total Score 83
(0-100)

(8)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: DRMP

QUALIFICATION COMMITTEE MEMBER: A. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

M. Henry highly qualified. Other individuals appear to have sufficient
ability design / construction experience.

Score 23
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Appears to have an understanding of the general scope. Did not discuss in more detail
the crossing methodology or impact of possible 5x46 widening. Limited
detail in written presentation. Heavy on generalization.

Score 28
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Experience with Sem Co. projects, but the team members are different than on those
projects. Plenty of other experience. Limited Sem Co exp. for this team.

Score 24
(0-30)

Criteria: LOCATION 5

Location of firm

Oakridge

Score 4
(0-5)

Total Score 79
(0-100)

9

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Malcolm Pirnie

QUALIFICATION COMMITTEE MEMBER: H. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Highly qualified team. Varied experience with emphasis on
pipeline design & construction.

Score 22
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Conducted site visits. Thoroughly researched project site & scope with review of existing
records & interviews with staff. Prepared recommended construction alternatives.
POB. Reexamined importance of POB. Discussed future widening of south bay & soil submitted
Recommended extension of J&B casing.

Score 38
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Excellent recent experience in large diameter lines and installation by HDD
method. Proj. mgr. has leded numerous projects of similar scope w/ local
gov't. entities. Limited term Co. exp.

Score 25
(0-30)

Criteria: LOCATION 5

Location of firm

Martland

Score 4
(0-5)

Total Score 89
(0-100)

(5)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: Hartman & Assoc.

QUALIFICATION COMMITTEE MEMBER: H. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Proposed prop. mgr. highly qualified with good understanding of Sen. Co. policy & procedure. CES team not listed.

Score 24
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Generalized project approach. Not clearly defined / performed. Provides for PDE. Submitted proposed schedule. (3ma design) Prepared preliminary monitor schedule. Limited technical discussion of project approach.

Score 32
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Some exp. with Sen. Co. projects - appears to be mostly planning in nature. Water trans. / line projects listed for similar size pipes with other local Govts. Proj mgr. has numerous pipeline proj. exp.

Score 28
(0-30)

Criteria: LOCATION 5

Location of firm

Orlando

Score 4
(0-5)

Total Score 88
(0-100)

(6)

**PS-5168-04/TLR – Engineering Services Reclaimed Discharge
Main from the Yankee Lake Water Reclamation Facility**

SUBMITTAL COMPANY NAME: CDM

QUALIFICATION COMMITTEE MEMBER: H. Sipes

Describe strengths, weaknesses and deficiencies to support your assessment.

Criteria: QUALIFICATIONS 25

Qualifications of the Proposed Personnel and the firm

Highly qualified. Well laid out proposal. Personnel have the qualifications necessary to perform the work with past exp. at the YL WTRF

Score 23
(0-25)

Criteria: APPROACH/UNDERSTANDING 40

Approach/understanding of this type of work

Recommended cost/benefit analysis for line sizing along w/ hydro modeling. Not much detail provided in prop. approach description. Not clear if site was recently visited. No discussion of foot widening impacts.

Score 34
(0-40)

Criteria: EXPERIENCE 30

Similar recent project experience/Team experience

Length of time team has been together

Team appears to have been together several years. Experience with Y.L. WTRF site of orig. const. project. Developed orig. master plan. Extensive local proj. exp.

Score 29
(0-30)

Criteria: LOCATION 5

Location of firm

Orlando

Score 4
(0-5)

Total Score 90
(0-100)

④

INTERVIEW RATING FORM

Date: September , 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: Malcolm Pirnie

#1

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|--|-------------------|---------------------|
| Project Approach/Required Services | <u>96</u> | <u>(38.4)</u> (40%) |
| <i>Key Issues: FDOT requirements, Not consideration of pipes, sizing and connections - model systems. Conducted site inspections, Review Master Plan Consider Hydraulic model, Survey Area Suggest cost saving measures.</i> | | |
| Team and Experience | <u>92</u> | <u>(27.6)</u> (30%) |
| <i>2 yrs team experience - staff worked with Sem. Co. other local eng. firms. Firm experience over 30 years</i> | | |
| Similar Projects | <u>90</u> | <u>(18.0)</u> (20%) |
| <i>14 similar projects.</i> | | |
| Workload | <u>90</u> | <u>(9.0)</u> (10%) |
| <i>Acceptable - available Manhours.</i> | | |
| <u>93.0</u> | | |

Comments and Notes: Very good connection presentation. Malcolm Pirnie did their homework. Answered all questions correctly. proposal by Sem. County staff.

Rater's name: Michael R. Harber Signature: Michael R. Harber

Consideration of Grant funds, Yes.

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 – 100 Outstanding, Innovative, Cost/Time Savings
- 80 – 89 Excellent, Very Good, Solid in all respects
- 70 – 79 Good, No major weaknesses, acceptable
- 60 – 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

INTERVIEW RATING FORM

Date: September, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: Camp Dress (CDI)

[illegible]

Comments and Notes: CDM offers Seminole County
Extensive Florida's Reuse Experience
Grant funds maybe available.

Rater's name: Michael R. Harber

Signature: Michael R. Haller

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- | | |
|----------|---|
| 90 – 100 | Outstanding, Innovative, Cost/Time Savings |
| 80 – 89 | Excellent, Very Good, Solid in all respects |
| 70 – 79 | Good, No major weaknesses, acceptable |
| 60 – 69 | Marginal, Weak, needs clarifications |
| Below 60 | Unacceptable, Needs work |

INTERVIEW RATING FORM

Date:

September , 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

#3

Name of the Firm: L/B + H

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|--|------------------------------|----------------|
| Project Approach/Required Services | 90 | (36.0)(40%) |
| 2 staff review site and pipe route. Environmental Constraints - research Survey pipe route Identify potential conflicts. NOT Plan SR46 | | |
| Team and Experience | 89 | (26.7)(30%) |
| 35 years experience 9-38 eng. experience. | | |
| Similar Projects | 89 | (17.8)(20%) |
| 12 million worth of similar projects. 2002-2004 12 reclaimed projects | | |
| Workload | 89 | (8.9)(10%) |
| Professional resources are available to meet the County needs | | |
| | 89.4 | |
| Comments and Notes: Suggest Grant funds may be available. Hypd. Model not mentioned, Water CAD available. | | |
| Rater's name: Michael R. Harber | Signature: Michael R. Harber | |

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- | | |
|----------|---|
| 90 – 100 | Outstanding, Innovative, Cost/Time Savings |
| 80 – 89 | Excellent, Very Good, Solid in all respects |
| 70 – 79 | Good, No major weaknesses, acceptable |
| 60 – 69 | Marginal, Weak, needs clarifications |
| Below 60 | Unacceptable, Needs work |

INTERVIEW RATING FORM

Date: September, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: CDM

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|---|-------------------|--------------|
| Project Approach/Required Services Stormwater augmentation issues - Minimizing cost - credit from STORMW Review design - customer review - Overhead Parkway issues to be reviewed Reduce potable water demand - Safe yield of Y.L. plant review (good!) Review peaking factors in pipe design - Altered piping | 96 | (38.4) (40%) |
| Team and Experience Project Officer 30 yrs. exp. - Design/CEI for orig. Y.L. plant. Tech. Advisor - 20 yrs w/ pipeline exp. Proj. Mgr. - David Roman - Same as previous proj. - good reclamation design exp. - did Eastern Regional Study (Orlando) | 95 | (28.5) (30%) |
| Similar Projects many Eastern Regional (Orlando/Seminole joint proj.) St. Pete reclamation program | 90 | (18.0) (20%) |
| Workload Sufficient workforce to dedicate | 90 | (9.0) (10%) |
| 93.9 | | |
| Comments and Notes: <u>Parking Parkway location - P Grants available / experience</u> <u>Excellent presentation! good proj. approach - discussed some new things!</u> | | |

Rater's name: Hugh P. Sipes

Signature: [Signature]

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 - 100 Outstanding, Innovative, Cost/Time Savings
- 80 - 89 Excellent, Very Good, Solid in all respects
- 70 - 79 Good, No major weaknesses, acceptable
- 60 - 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

INTERVIEW RATING FORM

Date: September, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: LBFH

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|--|-------------------|---------------------|
| Project Approach/Required Services <i>Visited site</i> | <u>92</u> | <u>(36.8)</u> (40%) |
| <i>Talked with E-200A 46 expansion - Consider survey/p-o-w issues.</i> | | |
| <i>Environmental constraints - existing utilities issues.</i> | | |
| <i>understanding of S.R. 46 issues - pipe materials (NOPE? etc.)</i> | | |
| <i>Parallel vs single mains - system flexibility? Discussed major challenges</i> | | |
| <i>Had good water cad software</i> | | |
| Team and Experience <i>175 staff 14 continuing contracts</i> | <u>94</u> | <u>(28.2)</u> (30%) |
| <i>Principal - 33 yrs.</i> | | |
| <i>PA/PC - 31 years - constructability issues</i> | | |
| <i>Manager - 7 years GA/PL</i> | | |
| <i>Permitting team leader - exp. in utility ops. (Seacrest Util.)</i> | | |
| <i>Grants & funding exp. - good! Limited exp. w/ SJRWMD on reclaimed issues</i> | | |
| Similar Projects | <u>92</u> | <u>(18.4)</u> (20%) |
| <i>24" for Seacrest Util. - St. Lucie County - Trappanna</i> | | |
| <i>Alt. water supply grants received on 6 projects</i> | | |
| Workload <i>sufficient workforce to dedicate to project</i> | <u>90</u> | <u>(9.0)</u> (10%) |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Comments and Notes: <i>Good presentation. Specifically mentioned success in obtaining grants about grants!</i> | | |

92.4

Rater's name: Hugh Sipes

Signature: [Signature]

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 - 100 Outstanding, Innovative, Cost/Time Savings
- 80 - 89 Excellent, Very Good, Solid in all respects
- 70 - 79 Good, No major weaknesses, acceptable
- 60 - 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

(2)

INTERVIEW RATING FORM

Date: September, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: Malcolm Pirnie

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|---|-------------------|---------|
| Project Approach/Required Services <i>limited survey - save money</i> <i>double check plans - save money</i> <i>Background work performed</i> <i>Reviewed existing RWM as-built - talked to staff - reviewed existing util. on SR 46</i> <i>Reviewed alternatives for connecting to existing piping - communication</i> <i>Contacted FDOT re SR 46 widening - directional drill ok w/ DOT - required 8" larger dia</i> <i>hole - 10 time dia. for depth - install fee after crossing -</i> <i>submit POR @ 45% - Hydraulic model for pipe sizing & future corrections</i> | 93 (37.2) | (40%) |
| Team and Experience <i>Orlando - w/ FDOT - large diameter</i> <i>Pompano Beach - Reclamation</i> <i>numerous w/ projects</i> <i>Proj. mgr./deputy proj. mgr. - 7 years - 7 exp. on similar</i> | 92 (27.6) | (30%) |
| Similar Projects <i>Miramar - Pompano - FDOT - Orlando (large dia - 44' 900')</i> | 90 (18.0) | (20%) |
| Workload <i>Sufficient staffing workload availability</i> <i>submitted prelim. (proposed) proj. sched.</i> | 90 (9.0) | (10%) |
| <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> 91.8 </div> | | |
| Comments and Notes: <i>DOT doesn't allow skewed crossings - why 8" larger borehole for dir. drill?</i> <i>? regrets</i> | | |

Rater's name: Hugh Sipes

Signature: Hugh P. Sipes

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 - 100 Outstanding, Innovative, Cost/Time Savings
- 80 - 89 Excellent, Very Good, Solid in all respects
- 70 - 79 Good, No major weaknesses, acceptable
- 60 - 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

3

INTERVIEW RATING FORM

Date: September 21, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: LBFH

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|---|-------------------|---------|
| Project Approach/Required Services SPENT TIME checking out the site. Issues - 46 crossing ties into existing facility. EA by Corps in 2-3 yrs planning to do one as part of project. Utilities in area identified. Good approach - Rd widening. | <u>36</u> | (40%) |
| Team and Experience - well qualified good team from approach. NICE approach with community relations. Provided Reference - Please call. Project Management - Can/will meet the schedule. | <u>27</u> | (30%) |
| Similar Projects Provided good List of Recent projects - Have good list of experience in this type of piping projects. Help with offset cuts to private road field. | <u>18</u> | (20%) |
| Workload They indicate not a issue with workload. | <u>10</u> | (10%) |
| Handled H ₂ O Cal. | | |
| Comments and Notes: <u>Brought up alternative water supply grants. Co in last 5 years.</u> | | |

Rater's name: Gary Rudolph

Signature: [Signature]

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 - 100 Outstanding, Innovative, Cost/Time Savings
- 80 - 89 Excellent, Very Good, Solid in all respects
- 70 - 79 Good, No major weaknesses, acceptable
- 60 - 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

INTERVIEW RATING FORM

TAMMY ROBERTS - PROJECT

Date: September 21, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: Malcolm Pirnie

NOT SHOWN
CUMULATIVE

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|--|-------------------|---------|
| Project Approach/Required Services | <u>(34)</u> | (40%) |
| Indicated has spent months preparing - Permitting - MATTERS - HYDRAULIC MODELING | | |
| 20 - 30 main line to Replace existing Direct Discharge | | |
| Contacted DOT ON PROJECT - DOT 100% 31' ft deep | | |
| ONLY 3 ft to JACKET BOULDER - STIPED BY STIPED REVIEW OF | | |
| Team and Experience | <u>(24)</u> | (30%) |
| PROJECT - GOOD INDENT - | | |
| TEAM SHOWS GOOD EXPERIENCE | | |
| Similar Projects | <u>(10)</u> | (20%) |
| Some projects expect shown | | |
| Workload | <u>(10)</u> | (10%) |
| INDICATES TIME AVAILABLE | | |
| 78 | | |
| Comments and Notes: <u>Seemed very prepared on this project.</u> | | |
| <u>missed GRANT - Direct ON ISSUE</u> | | |

Rater's name: Gary Rudolph

Signature: Gary Rudolph

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 - 100 Outstanding, Innovative, Cost/Time Savings
- 80 - 89 Excellent, Very Good, Solid in all respects
- 70 - 79 Good, No major weaknesses, acceptable
- 60 - 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

INTERVIEW RATING FORM

Tammy Roberts - Purchasing

Date: September 21, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: CDM

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|--|-------------------|---------|
| Project Approach/Required Services Realize this is a STRAIGHT Forward pipe project but they see this as a approach to all reclaiming projects. | (32) | (40%) |
| Team and Experience Lots of exp in TAMPA- CLAY COUNTY and Charlotte WORKED THE SAME DESIGN ON YANKEE LAKE WWT | (24) | (30%) |
| Similar Projects - Didn't explain specifics but did INDICATE STRAIGHT Forward project. Project Manager will be Dave - same as YLWTF Project. City of Orlando / one cup work. | (10) | (20%) |
| Workload - Dropping off - if any for 2005 | (10) | (10%) |
| 76 | | |
| Comments and Notes: <u>Discussed Potential for GATE</u> <u>INNOVATION ON STORM AND FUTURE OPTIONS</u> <u>HAVE COUNTY S.W. PROJECT.</u> | | |

Rater's name: Greg Rudolph

Signature: Greg Rudolph

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 – 100 Outstanding, Innovative, Cost/Time Savings
- 80 – 89 Excellent, Very Good, Solid in all respects
- 70 – 79 Good, No major weaknesses, acceptable
- 60 – 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

①

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

CDM

91

Signature: J. L. Westlake

| | |
|----------|---|
| 90 – 100 | Outstanding, Innovative, Cost/Time Savings |
| 80 – 89 | Excellent, Very Good, Solid in all respects |
| 70 – 79 | Good, No major weaknesses, acceptable |
| 60 – 69 | Marginal, Weak, needs clarifications |
| Below 60 | Unacceptable, Needs work |

INTERVIEW RATING FORM

(2)

Date: September 21, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: Malcolm Pirnie

| QUALIFICATIONS FACTORS | | Points (0-100) | Weights |
|---|--|-------------------|---------|
| Project Approach/Required Services - Reviewed WRF Drawings, Conducted Site Inspection, Reviewed MP Coord. w/ Ongoing Projects, Reviewed Previous RCW Main As-Built Drawings, contacted Can State, Inward | | 90 | (40%) |
| ★ Proposed alternate connection at RCW pumps - Alternatives A or B | | 34 | |
| 2-Year PD & E Study by FDOT - discussions ★ Have FDOT ROW plans | | | |
| 24" HDPE Directional drill xing - 31' deep, suggest tee after crossing | | | |
| Team and Experience Victor Hurlburt - PM, Jean Cutler - Deputy PM, Don Holt - Surveying, Andreyev Engr - Geotech | | 90 | (30%) |
| See Org Chart in Presentation Handout | | 27 | |
| Experienced design team | | | |
| Similar Projects City of Orlando - FM FGUA, Pompano Bch. | | 90 | (20%) |
| See Pipeline Experience in Presentation Outline | | 18 | |
| \$200/LF Directional drill > \$500/LF for B&T | | | |
| Workload Manhour availability increases after Sept. | | 85 | (10%) |
| levelling off after Oct. | | 8.5 | |
| | | (89.5) | |

Comments and Notes: Good detail on Markham Rd crossing
Provided preliminary Project Schedule
Suggested Bid Alternates i.e. PVC vs. DI pipe

Rater's name: Jr Dennis Westrick Signature: Jr Dennis Westrick

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 - 100 Outstanding, Innovative, Cost/Time Savings
- 80 - 89 Excellent, Very Good, Solid in all respects
- 70 - 79 Good, No major weaknesses, acceptable
- 60 - 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

INTERVIEW RATING FORM

(3)

Date: September 21, 2004

Interview for (work): Engineering Services for Reclaimed Discharge Main from Yankee Lake Regional Water Reclamation Facility

Name of the Firm: LBFH

| QUALIFICATIONS FACTORS | Points (0-100) | Weights |
|--|-------------------|-------------|
| Project Approach/Required Services | <u>85</u> | (40%) |
| - Project team drove the site, spoke w/ FDOT, noted envr. constraints | <u>34</u> | |
| - Focus on Flexibility | | |
| - Corridor Survey (horiz/vertical control), Utility conflicts | | |
| - Material selection & Complementary & Flexible Reuse System | | |
| * - Included Community Affairs contact on Org Chart | | |
| Team and Experience Scott Eckler - Principal-In-Charge (VP) | <u>85</u> | (30%) |
| - No previous experience w/ SC | <u>25.5</u> | |
| - Shondra Neumeister - PM - See Presentation Handout | | |
| - Glattig Jackson on team as Envir. consultant | | |
| - Eugene Lazeno - QA/QC exper. w/ SJRWMD & FDEP | | |
| - Lawrence Cardieri - Permitting Team Leader, former VP & Dir. of Engr. w/ Seacoast Utils. | <u>85</u> | (20%) |
| Similar Projects See Presentation Handout | <u>19</u> | <u>17</u> |
| None in Central FL | | |
| - Have experience w/ Master Planning | | |
| Workload 175 staff, 22 engineers in six (6) FL offices | <u>80</u> | (10%) |
| 14 - continuing contracts w/ Counties & Cities | <u>8</u> | |
| - Workload availability increases after Nov | | |
| * No conflict of interests w/ other neighbors, regulators | <u>86.5</u> | <u>84.5</u> |
| Comments and Notes: <u>Good display boards</u> | | |
| <u>- use WaterCad (Hastad Methods)</u> | | |

Rater's name: J. Dennis Westrick

Signature: [Signature]

INSTRUCTIONS: Score each criterion from 1 to 100 based on the following general guidelines:

- 90 - 100 Outstanding, Innovative, Cost/Time Savings
- 80 - 89 Excellent, Very Good, Solid in all respects
- 70 - 79 Good, No major weaknesses, acceptable
- 60 - 69 Marginal, Weak, needs clarifications
- Below 60 Unacceptable, Needs work

DRAFT

ENGINEERING SERVICES AGREEMENT (PS-5168-04/TLR)
RECLAIMED DISCHARGE MAIN FROM YANKEE LAKE RWRF

THIS AGREEMENT is made and entered into this _____ day of _____, 20____, by and between Camp Dresser & McGee, duly authorized to conduct business in the State of Florida, whose address is 2301 Maitland Center Pkwy, Ste 300, Maitland, FL 32751, hereinafter called the "ENGINEER" and SEMINOLE COUNTY, a political subdivision of the State of Florida, whose address is Seminole County Services Building, 1101 East First Street, Sanford, Florida 32771, hereinafter called the "COUNTY".

W I T N E S S E T H:

WHEREAS, the COUNTY desires to retain the services of a competent and qualified engineer to provide engineering services regarding the reclaimed discharge main from the Yankee Lake RWRF in Seminole County; and

WHEREAS, the COUNTY has requested and received expressions of interest for the retention of services of engineers; and

WHEREAS, ENGINEER is competent and qualified to furnish engineering services to the COUNTY and desires to provide its professional services according to the terms and conditions stated herein,

NOW, THEREFORE, in consideration of the mutual understandings and covenants set forth herein, COUNTY and ENGINEER agree as follows:

SECTION 1. SERVICES. COUNTY does hereby retain ENGINEER to furnish professional services and perform those tasks as further described in the Scope of Services attached hereto and incorporated herein as Exhibit "A".

OK SECTION 2. ~~AUTHORIZATION FOR SERVICES.~~ Authorization for performance of professional services by the ENGINEER under this

Agreement shall be in the form of written Notice to Proceed issued and executed by the COUNTY.

SECTION 3. TIME FOR COMPLETION. The services to be rendered by ENGINEER shall commence upon execution of this Agreement by the parties and shall be completed no later than two hundred forty-four (244) days after issuance of the Notice to Proceed.

SECTION 4. ~~FIXED FEE COMPENSATION AND PAYMENT~~. *not to exceed the sum.*

(a) The COUNTY agrees to compensate ENGINEER for the professional services called for under this Agreement a fixed fee in the amount of _____ DOLLARS. ENGINEER shall perform all work required by the Scope of Services but, in no event, shall ENGINEER be paid more than the negotiated Fixed Fee amount stated above.

(b) Payments shall be made to the ENGINEER when requested as work progresses for services furnished, but not more than once monthly. ENGINEER may invoice amount due based on the total required services actually performed and completed. Upon review and approval of ENGINEER'S invoice, the COUNTY shall, within thirty (30) days of receipt of the invoice, pay ENGINEER the approved amount.

SECTION 5. BILLING AND PAYMENT.

(a) ENGINEER shall render to the COUNTY, at the close of each calendar month, an itemized invoice, properly dated including, but not limited to, the following information:

- (1) The name and address of the ENGINEER;
- (2) Contract Number;
- (3) A complete and accurate record of services performed by the ENGINEER for all services performed by the ENGINEER during that month and for which the COUNTY is billed;
- (4) A description of the services rendered in (3) above with sufficient detail to identify the exact nature of the work

performed; and

(5) Such other information as may be required by this Agreement or requested by the COUNTY from time to time.

The original invoice shall be sent to:

Director of County Finance
Seminole County Board of County Commissioners
Post Office Box 8080
Sanford, Florida 32772

A duplicate copy of the invoice shall be sent to:

500 ~~Seminole County Engineering Department~~ *Environmental Services*
~~520 W. Lake Mary Boulevard, Suite 200~~
Sanford, Florida 32773

(b) Payment shall be made after review and approval by COUNTY within thirty (30) days of receipt of a proper invoice from the ENGINEER.

SECTION 6. AUDIT OF RECORDS.

(a) COUNTY may perform or have performed an audit of the records of ENGINEER after final payment to support final payment hereunder. This audit would be performed at a time mutually agreeable to ENGINEER and COUNTY subsequent to the close of the final fiscal period in which the last work is performed. Total compensation to ENGINEER may be determined subsequent to an audit as provided for in subsection (b) and of this subsection, and the total compensation so determined shall be used to calculate final payment to ENGINEER. Conduct of this audit shall not delay final payment as required by Section 4(b).

(b) The ENGINEER agrees to maintain all books, documents, papers, accounting records and other evidences pertaining to work performed under this Agreement in such a manner as will readily conform to the terms of this Agreement and to make such materials available at ENGINEER's office at all reasonable times during the Agreement period and for five (5) years from the date of final payment under the contract for audit or inspection as provided for in subsection (a) of this

Section.

(c) In the event any audit or inspection conducted after final payment, but within the period provided in subsection (b) of this Section reveals any overpayment by COUNTY under the terms of the Agreement, ENGINEER shall refund such overpayment to COUNTY within thirty (30) days of notice by the COUNTY.

SECTION 7. RESPONSIBILITY OF ENGINEER.

(a) ENGINEER shall be responsible for the professional quality, technical accuracy and the coordination of all plans, studies, reports and other services furnished by ENGINEER under this Agreement. ENGINEER shall, without additional compensation, correct or revise any errors or deficiencies in his services.

(b) Neither the COUNTY'S review, approval or acceptance of, nor payment for, any of the services required shall be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement and the ENGINEER shall be and remain liable to the COUNTY in accordance with applicable law for all damages to the COUNTY caused by the ENGINEER'S performance of any of the services furnished under this Agreement.

SECTION 8. OWNERSHIP OF DOCUMENTS. All deliverable reference data, survey data, plans and reports that result from the ENGINEER'S services under this Agreement shall become the property of the COUNTY after final payment for the specific service provided is made to ENGINEER. No changes or revisions to the documents furnished by ENGINEER shall be made by COUNTY or its agents without the written approval of ENGINEER.

SECTION 9. TERM. This Agreement shall take effect on the date of its execution by COUNTY and shall remain in effect until completion of all review and acceptance work required by the Scope of Services.

SECTION 10. TERMINATION.

(a) The COUNTY may, by written notice to the ENGINEER, terminate this Agreement, in whole or in part, at any time, either for the COUNTY'S convenience or because of the failure of the ENGINEER to fulfill ENGINEER'S Agreement obligations. Upon receipt of such notice, the ENGINEER shall:

(1) immediately discontinue all services affected unless the notice directs otherwise, and

(2) deliver to the COUNTY all plans, studies, reports, estimates, summaries, and such other information and materials as may have been accumulated by the ENGINEER in performing this Agreement, whether completed or in process.

(b) If the termination is for the convenience of the COUNTY, the ENGINEER shall be paid compensation for services performed to the date of termination. ENGINEER shall be paid no more than a percentage of the Fixed Fee amount equivalent to the percentage of the completion of work contemplated by the Agreement.

(c) If the termination is due to the failure of the ENGINEER to fulfill his Agreement obligations, the COUNTY may take over the work and prosecute the same to completion by Agreement or otherwise. In such case, the ENGINEER shall be liable to the COUNTY for reasonable additional costs occasioned to the COUNTY thereby. The ENGINEER shall not be liable for such additional costs if the failure to perform the Agreement arises out of causes beyond the control and without the fault or negligence of the ENGINEER. Such causes may include, but are not limited to, acts of God or of the public enemy, acts of the COUNTY in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but, in every case, the failure to perform must be

beyond the control and without the fault or negligence of the ENGINEER.

(d) If, after notice of termination for failure to fulfill Agreement obligations, it is determined that the ENGINEER had not so failed, the termination shall be deemed to have been effected for the convenience of the COUNTY. In such event, adjustment in the Agreement price shall be made as provided in subsection (b) of this Section.

(e) The rights and remedies of the COUNTY provided in this clause are in addition to any other rights and remedies provided by law or under this Agreement.

SECTION 11. EQUAL OPPORTUNITY EMPLOYMENT. ENGINEER agrees that it will not discriminate against any employee or applicant for employment for work under this Agreement because of race, color, religion, sex, age, national origin, or disability and will take steps to ensure that applicants are employed, and employees are treated during employment, without regard to race, color, religion, sex, age, national origin or disability. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

SECTION 12. NO CONTINGENT FEES. ENGINEER warrants that it has not employed or retained any company or persons, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this Agreement and that ENGINEER has not paid or agreed to pay any persons, company, corporation, individual or firm, other than a bona fide employee working solely for ENGINEER, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. For the breach or violation of this provision, COUNTY shall have the right to terminate the Agreement at its

discretion, without liability and to deduct from the Agreement price, or otherwise recover, the full amount of such fee, commission, percentage, gift or consideration.

SECTION 13. ASSIGNMENT. This Agreement, or any interest herein, shall not be assigned, transferred, or otherwise encumbered, under any circumstances, by the parties hereto without prior written consent of the opposite party and only by a document of equal dignity herewith.

SECTION 14. SUBCONTRACTORS. In the event ENGINEER, during the course of the work under this Agreement, requires the services of any subcontractors or other professional associates in connection with service covered by this Agreement, ENGINEER must secure the prior written approval of the COUNTY. If subcontractors or other professional associates are required in connection with the services covered by this Agreement, ENGINEER shall remain fully responsible for the services of subcontractors or other professional associates.

SECTION 15. INDEMNIFICATION OF COUNTY. The ENGINEER agrees to hold harmless, replace, and indemnify the COUNTY, its commissioners, officers, employees, and agents against any and all claim, losses, damages or lawsuits for damages, arising from, allegedly arising from, or related to the provision of services hereunder by the ENGINEER, whether caused by the ENGINEER or otherwise. This hold harmless, release and indemnification shall include any claim based on negligence, action or inaction of the parties.

SECTION 16. INSURANCE.

(a) General. The ENGINEER shall at the ENGINEER'S own cost, procure the insurance required under this Section.

(1) The ENGINEER shall furnish the COUNTY with a Certificate of Insurance signed by an authorized representative of the insurer evidencing the insurance required by this Section (Professional

Liability, Workers' Compensation/Employer's Liability and Commercial General Liability). The COUNTY, its officials, officers, and employees shall be named additional insured under the Commercial General Liability policy. The Certificate of Insurance shall provide that the COUNTY shall be given not less than thirty (30) days written notice prior to the cancellation or restriction of coverage. Until such time as the insurance is no longer required to be maintained by the ENGINEER, the ENGINEER shall provide the COUNTY with a renewal or replacement Certificate of Insurance not less than thirty (30) days before expiration or replacement of the insurance for which a previous certificate has been provided.

(2) The Certificate shall contain a statement that it is being provided in accordance with the Agreement and that the insurance is in full compliance with the requirements of the Agreement. In lieu of the statement on the Certificate, the ENGINEER shall, at the option of the COUNTY submit a sworn, notarized statement from an authorized representative of the insurer that the Certificate is being provided in accordance with the Agreement and that the insurance is in full compliance with the requirements of the Agreement. **The Certificate shall have this Agreement number clearly marked on its face.**

(3) In addition to providing the Certificate of Insurance, if required by the COUNTY, the ENGINEER shall, within thirty (30) days after receipt of the request, provide the COUNTY with a certified copy of each of the policies of insurance providing the coverage required by this Section.

(4) Neither approval by the COUNTY or failure to disapprove the insurance furnished by ENGINEER shall relieve the ENGINEER of the ENGINEER'S full responsibility for performance of any obligation including ENGINEER'S indemnification of COUNTY under this Agreement.

(b) Insurance Company Requirements. Insurance companies providing the insurance under this Agreement must meet the following requirements:

(1) Companies issuing policies other than Workers' Compensation must be authorized to conduct business in the State of Florida and prove same by maintaining Certificates of Authority issued to the companies by the Department of Insurance of the State of Florida. Policies for Workers' Compensation may be issued by companies authorized as a group self-insurer by Section 440.57, Florida Statutes. .

(2) In addition, such companies other than those authorized by Section 440.57, Florida Statutes, shall have and maintain a Best's Rating of "A" or better and a Financial Size Category of "VII" or better according to A.M. Best Company.

(3) If, during the period which an insurance company is providing the insurance coverage required by this Agreement, an insurance company shall: 1) lose its Certificate of Authority, 2) no longer comply with Section 440.57, Florida Statutes, or 3) fail to maintain the requisite Best's Rating and Financial Size Category, the ENGINEER shall, as soon as the ENGINEER has knowledge of any such circumstance, immediately notify the COUNTY and immediately replace the insurance coverage provided by the insurance company with a different insurance company meeting the requirements of this Agreement. Until such time as the ENGINEER has replaced the unacceptable insurer with an insurer acceptable to the COUNTY the ENGINEER shall be deemed to be in default of this Agreement.

(c) Specifications. Without limiting any of the other obligations or liability of the ENGINEER, the ENGINEER shall, at the ENGINEER'S sole expense, procure, maintain and keep in force amounts and types of insurance conforming to the minimum requirements set forth in

this Section. Except as otherwise specified in the Agreement, the insurance shall become effective prior to the commencement of work by the ENGINEER and shall be maintained in force until the Agreement completion date. The amounts and types of insurance shall conform to the following minimum requirements.

(1) Workers' Compensation/Employer's Liability.

(A) ENGINEER'S insurance shall cover the ENGINEER for liability which would be covered by the latest edition of the standard Workers' Compensation Policy, as filed for use in Florida by the National Council on Compensation Insurance, without restrictive endorsements. The ENGINEER will also be responsible for procuring proper proof of coverage from its subcontractors of every tier for liability which is a result of a Workers' Compensation injury to the subcontractor's employees. The minimum required limits to be provided by both the ENGINEER and its subcontractors are outlined in subsection (c) below. In addition to coverage for the Florida Workers' Compensation Act, where appropriate, coverage is to be included for the United States Longshoremen and Harbor Workers' Compensation Act, Federal Employers' Liability Act and any other applicable federal or state law.

(B) Subject to the restrictions of coverage found in the standard Workers' Compensation Policy, there shall be no maximum limit on the amount of coverage for liability imposed by the Florida Workers' Compensation Act, the United States Longshoremen's and Harbor Workers' Compensation Act, or any other coverage customarily insured under Part One of the standard Workers' Compensation Policy.

(C) The minimum amount of coverage under Part Two of the standard Workers' Compensation Policy shall be:

| | |
|----------------|-------------------------|
| \$ 500,000.00 | (Each Accident) |
| \$1,000,000.00 | (Disease-Policy Limit) |
| \$ 500,000.00 | (Disease-Each Employee) |

(2) Commercial General Liability.

(A) The ENGINEER'S insurance shall cover the ENGINEER for those sources of liability which would be covered by the latest edition of the standard Commercial General Liability Coverage Form (ISO Form CG 00 01), as filed for use in the State of Florida by the Insurance Services Office, without the attachment of restrictive endorsements other than the elimination of Coverage C, Medical Payment and the elimination of coverage for Fire Damage Legal Liability.

(B) The minimum limits to be maintained by the ENGINEER (inclusive of any amounts provided by an Umbrella or Excess policy) shall be as follows:

| <u>LIMITS</u> | |
|--|--|
| General Aggregate | \$Three (3) Times the Each Occurrence Limit |
| Personal & Advertising Injury Limit | \$500,000.00 |
| Each Occurrence Limit | \$500,000.00 |

(3) Professional Liability Insurance. The ENGINEER shall carry limits of not less than FIVE HUNDRED THOUSAND AND NO/100 DOLLARS (\$500,000.00).

(d) Coverage. The insurance provided by ENGINEER pursuant to this Agreement shall apply on a primary basis and any other insurance or self-insurance maintained by the COUNTY or the COUNTY'S officials, officers, or employees shall be excess of and not contributing with the insurance provided by or on behalf of the ENGINEER.

(e) Occurrence Basis. The Workers' Compensation Policy and the Commercial General Liability required by this Agreement shall be provided on an occurrence rather than a claims-made basis. The Professional Liability insurance policy must either be on an occurrence basis, or, if a claims-made basis, the coverage must respond to all

claims reported within three (3) years following the period for which coverage is required and which would have been covered had the coverage been on an occurrence basis.

(f) Obligations. Compliance with the foregoing insurance requirements shall not relieve the ENGINEER, its employees or agents of liability from any obligation under a Section or any other portions of this Agreement.

SECTION 17. ALTERNATIVE DISPUTE RESOLUTION (ADR).

(a) In the event of a dispute related to any performance or payment obligation arising under this Agreement, the parties agree to exhaust COUNTY ADR procedures prior to filing suit or otherwise pursuing legal remedies. COUNTY ADR procedures for proper invoice and payment disputes are set forth in Section 55.1, "Prompt Payment Procedures," Seminole County Administrative Code. Contract claims include all controversies, except disputes addressed by the "Prompt Payment Procedures," arising under this Agreement and ADR procedures therefore are set forth in Section 220.102, "Contract Claims," Seminole County Code.

(b) ENGINEER agrees that it will file no suit or otherwise pursue legal remedies based on facts or evidentiary materials that were not presented for consideration in the COUNTY ADR procedures set forth in subsection (a) above of which the ENGINEER had knowledge and failed to present during the COUNTY ADR procedures.

(c) In the event that COUNTY ADR procedures are exhausted and a suit is filed or legal remedies are otherwise pursued, the parties shall exercise best efforts to resolve disputes through voluntary mediation. Mediator selection and the procedures to be employed in voluntary mediation shall be mutually acceptable to the parties. Costs of voluntary mediation shall be shared equally among the parties

participating in the mediation.

SECTION 18. REPRESENTATIVE OF COUNTY AND ENGINEER.

(a) It is recognized that questions in the day-to-day conduct of performance pursuant to this Agreement will arise. The COUNTY, upon request by ENGINEER, shall designate in writing and shall advise ENGINEER in writing of one (1) or more COUNTY employees to whom all communications pertaining to the day-to-day conduct of the Agreement shall be addressed. The designated representative shall have the authority to transmit instructions, receive information and interpret and define the COUNTY'S policy and decisions pertinent to the work covered by this Agreement.

(b) ENGINEER shall, at all times during the normal work week, designate or appoint one or more representatives of ENGINEER who are authorized to act on behalf of ENGINEER regarding all matters involving the conduct of the performance pursuant to this Agreement and shall keep COUNTY continually advised of such designation.

SECTION 19. ALL PRIOR AGREEMENTS SUPERSEDED. This document incorporates and includes all prior negotiations, correspondence, conversations, agreements or understandings applicable to the matters contained herein and the parties agree that there are not commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained or referred to in this document. Accordingly, it is agreed that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

SECTION 20. MODIFICATIONS, AMENDMENTS OR ALTERATIONS. No modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith.

SECTION 21. INDEPENDENT CONTRACTOR. It is agreed that nothing herein contained is intended or should be construed as in any manner creating or establishing a relationship of copartners between the parties, or as constituting the ENGINEER including its officers, employees, and agents, the agent, representative, or employee of the COUNTY for any purpose, or in any manner, whatsoever. The ENGINEER is to be and shall remain an independent contractor with respect to all services performed under this Agreement.

SECTION 22. EMPLOYEE STATUS. Persons employed by the ENGINEER in the performance of services and functions pursuant to this Agreement shall have no claim to pension, workers' compensation, unemployment compensation, civil service or other employee rights or privileges granted to the COUNTY'S officers and employees either by operation of law or by the COUNTY.

SECTION 23. SERVICES NOT PROVIDED FOR. No claim for services furnished by the ENGINEER not specifically provided for herein shall be honored by the COUNTY.

SECTION 24. PUBLIC RECORDS LAW. ENGINEER acknowledges COUNTY'S obligations under Article 1, Section 24, Florida Constitution and Chapter 119, Florida Statutes, to release public records to members of the public upon request. ENGINEER acknowledges that COUNTY is required to comply with Article 1, Section 24, Florida Constitution and Chapter 119, Florida Statutes, in the handling of the materials created under this Agreement and that said statute controls over the terms of this Agreement.

SECTION 25. NOTICES. Whenever either party desires to give notice unto the other, it must be given by written notice, sent by certified United States mail, with return receipt requested, addressed to the party for whom it is intended at the place last specified and the

place for giving of notice shall remain such until it shall have been changed by written notice in compliance with the provisions of this Section. For the present, the parties designate the following as the respective places for giving of notice, to wit:

FOR COUNTY:

Seminole Co. Environmental Services
500 W. Lake Mary Blvd.
Sanford, FL 32723

FOR ENGINEER:

CDM
2301 Maitland Center Pkwy. Ste 300
Maitland, FL 32751

SECTION 26. RIGHTS AT LAW RETAINED. The rights and remedies of the COUNTY, provided for under this Agreement, are in addition to any other rights and remedies provided by law.

SECTION 27. COMPLIANCE WITH LAWS AND REGULATIONS. In providing all services pursuant to this Agreement, the ENGINEER shall abide by all statutes, ordinances, rules, and regulations pertaining to, or regulating the provisions of, such services, including those now in effect and hereafter adopted. Any violation of said statutes, ordinances, rules, or regulations shall constitute a material breach of this Agreement, and shall entitle the COUNTY to terminate this Agreement immediately upon delivery of written notice of termination to the ENGINEER.

SECTION 28. CONFLICT OF INTEREST.

(a) The ENGINEER agrees that it will not engage in any action that would create a conflict of interest in the performance of its obligations pursuant to this Agreement with the COUNTY or which would violate or cause others to violate the provisions of Part III, Chapter 112, Florida Statutes, relating to ethics in government.

(b) The ENGINEER hereby certifies that no officer, agent or employee of the COUNTY has any material interest (as defined in Section 112.312(15), Florida Statutes, as over 5%) either directly or indirectly, in the business of the ENGINEER to be conducted here, and that no such person shall have any such interest at any time during the term of this Agreement.

(c) Pursuant to Section 216.347, Florida Statutes, the ENGINEER hereby agrees that monies received from the COUNTY pursuant to this Agreement will not be used for the purpose of lobbying the Legislature or any other State or Federal Agency.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement for the purposes stated herein.

ATTEST:

Camp Dresser & McFee

_____, Secretary

By: Garlic Vaithy V. President

(CORPORATE SEAL)

Date: _____

ATTEST:

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA

MARYANNE MORSE
Clerk to the Board of
County Commissioners of
Seminole County, Florida.

By: _____
DARYL G. MCLAIN, Chairman

Date: _____

For the use and reliance
of Seminole County only.

Approved as to form and
legal sufficiency.

As authorized for execution by
the Board of County Commissioners
at their _____, 20____,
regular meeting.

County Attorney
AC/lpk
7/8/04
ps-5168

Attachment:

Exhibit "A" - Scope of Services

**Scope of Engineering Services
Reclaimed Discharge Main from the Yankee Lake Regional Water
Reclamation Facility**

Section 1. General

The nature, character, COUNTY'S objectives, and proposed services are described as follows:

The COUNTY desires the CONSULTANT to provide complete engineering services necessary to prepare preliminary and final engineering design, construction administration, and final construction plans and specifications for the Reclaimed Discharge Main from the Yankee Lake Regional Water Reclamation Facility.

The CONSULTANT shall provide complete professional services for the preparation of construction plans and specifications, including but not limited to; mechanical engineering, electrical engineering, civil engineering, surveying services, geotechnical services, environmental permitting, environmental testing, and cost estimating services necessary for successful construction. The CONSULTANT is expected to procure and coordinate the geotechnical services necessary for the proper design of the Reclaimed Discharge Main from Northwest Discharge Main from the Yankee Lake Regional Water Reclamation Facility.

To the extent any provisions of the Scope of Services conflict with the terms of the Agreement between the COUNTY and CONSULTANT, the provisions of the Agreement shall take precedence.

The CONSULTANT shall provide corporate badges to on site staff and observe all COUNTY'S security regulations during site visits. The CONSULTANT shall design for construction approximately 4,280 linear feet of 20-inch reclaimed water main along SR 46 from Lake Markham Road to Yankee Lake Regional Water Reclamation Facility to parallel with the existing 16-inch reclaimed water main. Contemplation of a 36-inch reclaimed main will be considered during the review process. This project will provide greater system pressures throughout the reclaimed distribution system and reduce external reclaimed sources as per the Reclaimed Master Plan.

SECTION 2. SERVICES

(A) The CONSULTANT agrees to perform and provide professional services for the project as expeditiously as is consistent with professional skill and care of those employed in CONSULTANT'S industry, and the orderly progress of the project, consisting of:

- (1) Those tasks as further described in the Scope of Services attached hereto and incorporated herein as Exhibit "A".
- (2) Provide professional quality, technical accuracy and the coordination of all plans, studies, reports and other services furnished by CONSULTANT under this Agreement.
- (3) Designing the Projects so that they may be constructed within the budget as established by the COUNTY.
- (4) Preparing and delivering to the COUNTY any applications for permits as identified in the Agreement and Scope of Services.
- (5) Participation in all such conferences with the COUNTY as are necessary to develop the Projects' specifications and completely understand the project scope, as defined by the COUNTY.
- (6) Prepare and deliver Construction documents satisfactorily to the COUNTY for the Northwest Discharge Main from Yankee Lake Regional Water Reclamation Facility. The Construction documents shall set forth in detail the requirements for construction of the Project. The Construction documents shall include drawings and specifications that establish in complete detail the quality levels of materials and systems required for the project. These Construction documents shall be delivered to the COUNTY on or before the scheduled Pre-Construction Meeting.
- (7) Employ and utilize services of professional engineers registered and licensed by the State of Florida and trained in the appropriate field of work, acceptable to and approved by the COUNTY prior to work commencing to include the fields of work in the Scope of Services.
- (8) The CONSULTANT shall not replace any sub consultants identified in this Agreement or any sub consultants otherwise approved by the COUNTY, without the COUNTY'S designated representative's prior written consent, which shall not be unreasonably withheld.
- (9) The CONSULTANT shall assist the COUNTY in conducting pre-bid and/or pre-award conferences as well as assist in presenting these matters to the Seminole County Board of County Commissioners, if necessary.
- (10) The CONSULTANT should anticipate meeting at **least three (3) times** with the COUNTY personnel during design and **at least three (3) times during construction of the project.** Construction meetings to be coordinated by the County.
- (11) Participate with the COUNTY in the preparation and recommendation of value engineering lists should value

engineering for the project become necessary.

- (12) Approve and certify payments due to the Contractor as provided in the construction contract documents.
- (13) Review with the COUNTY staff and respond to claims which may arise on the project as provided in the construction contract documents, as an additional service.
- (14) Review and approve all shop drawings and submittals, within fourteen (14) calendar days of receipt by CONSULTANT, for conformity to project manual and drawings and obtain a copy of each shop drawing for the COUNTY.
- (15) Conduct at least three (3) on-site observations and submit reports as work progresses and at all critical phases of construction; conduct on-site inspection prior to submittal of certificate of substantial completion for COUNTY acceptance; attend **schedule** meetings; review the list of deficiencies and omissions (punch list) submitted by the Contractor; on-site inspection to confirm completeness of list for approval of final payment prior to approval of final payment. The CONSULTANT, after reviewing the Contractor's list, shall prepare its own punch list to insure that all defects or omissions are noted and corrected. The CONSULTANT shall also conduct the final on-site inspection and such other on-site inspections as are necessary to verify completion of listed defects and omissions.
- (16) Review and make recommendations to the COUNTY for any and all requested change orders.
- (17) Obtain from the Contractor and review for completeness and acceptability complete project records including project manual(s), as-built drawings and mylar drawings from the Contractor corrected to show all construction changes, additions, and deletions along with an indemnification and release from the Contractor. The CONSULTANT shall also provide Contractor with CADD disks to assist the Contractor in the preparation of the as-built drawings. CADD disks shall be formatted in the version of AutoCAD in use at completion of Construction Documents.
- (18) Prepare and submit for approval by COUNTY a "Certificate of Substantial Completion" and a "Final Certification of Completion" for the project, including all required certifications by CONSULTANT. Obtain from Contractor and review for completeness, have corrected if necessary, and submit to COUNTY all warranties, owner manuals and other such documents; required to formally closeout the Project.
- (19) CONSULTANT shall carry out its services in a professional, expeditious and economical manner consistent with the interests

of the COUNTY. CONSULTANT agrees that it will design sound, fully functioning and complete project, which meet or exceed all applicable codes and regulations.

- (20) The CONSULTANT shall furnish the documents and provide the services herein required in such sequence and at such times as are necessary for prompt prosecution of the work of design and construction of the project.
- (21) CONSULTANT shall, without additional compensation, correct or revise any errors or deficiencies in its services. Notwithstanding anything to the contrary expressed elsewhere in this Contract, no professional services made necessary by any error, omission or fault of the CONSULTANT to provide or perform its' duties, responsibilities or obligations under this Agreement shall be compensated under this Agreement.
- (22) The CONSULTANT shall meet with all applicable state and local agencies, utilities, and other regulatory agencies, and shall provide the COUNTY with a list of all contacts made and a written summary of the results of those meetings.

(B) Site Surveying

- (1) CONSULTANT shall provide surveys describing physical characteristics, legal limitations and utility locations for the site of the project, and written legal description of the site. The surveys and legal information shall include, as applicable, grades and lines of streets, pavements, and adjoining property and structures; adjacent drainage; right-of-way; restrictions, easements, encroachments, zoning, deed restrictions, boundaries and contours of the site, locations dimensions and necessary data pertaining to existing trees and other improvements; and information concerning available utility services and lines, both public and private above and below grade, including inverts and depths. CONSULTANT shall identify and mark all control points for the project site. The survey shall be certified and sealed copies of the survey shall be delivered to the County's representative. Data will also be provided on compact disks (CDs) utilizing AutoCAD.

(C) Site Testing

- (1) CONSULTANT shall advise the COUNTY of all site testing which the CONSULTANT deems necessary to satisfactorily perform its obligations under this agreement. Upon COUNTY'S concurrence, the CONSULTANT shall undertake the performance of all such necessary and approved site testing.

(D) Geotechnical Engineering Services

CONSULTANT shall provide all geotechnical services necessary for the preparation of the site plans and construction plans and specifications, including, but not limited to, the following:

- (1) Test borings, test pits, determination of soil bearing values, percolation tests, evaluations of hazardous materials, and ground corrosion and resistivity tests, including necessary operations for anticipating subsoil conditions.
- (2) CONSULTANT will determine and identify soil and ground water conditions at the site; and identify areas where surficial organic soils such as peat and muck are located. The CONSULTANT shall determine groundwater elevations and projections for the seasonal variations such as evaluation of the site's "wet season" ground water levels to be used for the preliminary earthwork budgeting.
- (3) The CONSULTANT shall provide the COUNTY with a written report outlining its geographical data analysis and detailing its professional recommendations. The CONSULTANT shall incorporate all of its recommendations and collected data analysis into the plans and specifications for the site preparation, fill placement and compaction, foundation design for structures, and information to be used in design of pavements and stormwater management facilities. Any and all reports prepared pursuant to this section will be signed and sealed by a Registered Florida Professional Engineer.
- (4) All soils/geotechnical investigations and analysis shall be performed by a professional firm qualified to render such services.
- (5) Methods and equipment used in obtaining soil samples and geotechnical information shall be compatible with project design requirements, including, in particular, the requirements for major structures.
- (6) Soil samples shall be obtained from areas selected by the CONSULTANT of the proposed improvements including structures and crossings and at intervals sufficient to permit an appropriate evaluation of soil conditions with respect to the project design requirements.

COMPLIANCE

The CONSULTANT shall revise all drawings, specifications, and other documents prepared by CONSULTANT pursuant to this Agreement when such revisions are required by reasonable interpretations of current or prior to starting construction documents due to any enacted or revised federal, state, or local

codes, laws or regulations, including but not limited to those relating to accessibility for disabled persons. If revisions are adopted after completion of construction documents and those revisions impact the design; the CONSULTANT shall be compensated as an additional service to correct the design to comply with the revisions.

LANDSCAPE DESIGN SERVICES

Landscape design services during the design phase shall consist of a preliminary list of plants, systems and equipment, and development of conceptual design solutions for irrigation work and land forms, lawns, and plantings based on program requirements, physical site characteristics, design objectives, environmental determinants, and water conservation, if applicable.

MECHANICAL DESIGN SERVICES

ELECTRICAL DESIGN SERVICES

CIVIL DESIGN SERVICES

Prepare and submit applications for permits or obtain approvals of such governmental authorities as have jurisdiction to approve the civil engineering design of the project including provision of technical criteria, written descriptions, and design data. CONSULTANT shall pay all permit fees and agency review fees.

CONSTRUCTION COST ESTIMATE

Construction cost estimate services during the design phase shall consist of development of a probable construction cost for the project based on the design documents, utilizing current and historic square foot costs, or other unit costs, including an appropriate design contingency.

CONSTRUCTION DOCUMENTS PHASE

1. From approved /design development documents, prepare and satisfactorily complete within the time allowed construction documents and a detailed construction cost estimate for approval by the COUNTY. Thoroughly check and coordinate all drawings and specifications prior to submitting them to the COUNTY.
2. Revise the construction documents as may be required as a result of plan checking. The CONSULTANT must maintain maintenance of submittals w/duplicate for the COUNTY.
3. The CONSULTANT shall meet with the COUNTY and review the Construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. The meeting location shall be as directed by the COUNTY. Documents to be presented and reviewed at this

meeting shall include Supplemental General Conditions, bid alternates, and the Bid Proposal Form. Approval of the construction documents submittal shall be obtained before proceeding with the printing of the bid documents.

4. Prior to printing the bid documents, the CONSULTANT shall ascertain all utility company connection and/or permit fees, including fees to be charged by the utility company for work to be performed by the utility company.
5. Preparing and delivering to the COUNTY any applications for permits as identified in the Scope of Services.

REQUIRED REVIEWS & APPROVALS

1. The CONSULTANT shall provide written confirmation developed in collaboration with the COUNTY'S Representative that approval of the construction documents has been obtained by all applicable governmental authorities having jurisdiction of the project.
2. The CONSULTANT shall obtain review comments from the applicable County and/or Municipal Government agencies. Review comments that either conflict with COUNTY requirements or which substantially affect the project cost shall be brought to the attention of the COUNTY for resolution.

PLAN CHECKING

1. Final construction documents shall be complete, including all interdisciplinary coordination. Mechanical and electrical calculations shall be bound and indexed. Computer calculations shall include both input and output and shall be clearly correlated to the construction documents.
2. The CONSULTANT shall incorporate appropriate solutions to all plan check comments into the construction documents and revise the construction cost estimate accordingly.

Exhibit "A" Design and Permitting Phase

- 1.1 These services shall include but not be limited to the following elements:
 - 1.1.A. Design for construction a new 20-inch reclaimed water main or equivalent size parallel reclaim water main.
 - 1.1.B. Consideration shall be given to abandonment or removal of existing reclaimed water main serving the existing systems.
- 1.2 The Engineer will prepare a detailed Preliminary Design Report at a minimum of 45% of design.

- 1.3 The ENGINEER will prepare detailed construction drawings and technical specifications for competitive bidding and construction in accordance to requirements of the Seminole County Land Development code, Seminole County Environmental Services, Seminole County Purchasing, Seminole County Building Departments Standards, St. Johns River Water Management District (SJRWMD) and Florida Department of Environmental Protection Standards (FDEP), and Florida Department of Transportation.
- 1.4 The ENGINEER shall provide as necessary, surveys and geotechnical services for right-of-way, property boundaries and topography for required design.
- 1.5 The ENGINEER will provide a preliminary opinion of probable construction cost with the submittal of the final preliminary design report, and then a final construction cost estimate with the approved 100% drawings and technical specifications.
- 1.6 The ENGINEER will provide the following documents to Seminole County during the design review.
 - 1.6.A. Draft Preliminary Design Report
 - 1.6.B. Final Preliminary Design Report
 - 1.6.C. Three (3) sets of plans 24 x 36 @ 60% for review.
 - 1.6.D. Three (3) sets of plans/specifications @ 90% for review.
 - 1.6.E. Three (3) sets of plans/specifications @ 100% for review.
 - 1.6.F. All preliminary design reports and documents shall be destroyed after use, for security reasons.
- 1.7 Review meetings to be held during design at 60%, 90% and 100%.
- 1.8 The ENGINEER will prepare and submit all documents, plan drawings, specifications and permit applications required to obtain approval from FDEP, SJRWMD, EPA, FDOT, Seminole County Development Review and Seminole County Building Department. Permit application fees will be paid for by the ENGINEER and reimbursed by the COUNTY as part of the proposal.

- 1.9 Upon approved 100% design, ENGINEER shall submit to Seminole County Environmental Services:
 - 1.9.A. One (1) set of Mylar reproducible plans
 - 1.9.B. One (1) unbound set of specifications
 - 1.9.C. One (1) electronic copy of plans (Acad ver. 2004)
 - a. List of drawing layer contents
 - b. Draw model in State Plane Coordinate feet, Florida East 0901, NAD 1983
 - 1.9.D. One (1) electronic copy of specifications (MS Word 2000)

Exhibit "B" Bidding Services

- 2.1 Pre-advertise Meeting
 - 2.1.A. Attend pre-advertised meeting with Purchasing Division to set up the project for bid and to set the schedule.
- 2.2 Pre-bid Conference
 - 2.2.A. The COUNTY will issue bidding documents to prospective bidders. The ENGINEER will attend a pre-bid conference at a location selected by the COUNTY. The ENGINEER will answer questions as appropriate and take meeting minutes.
- 2.3 Addenda
 - 2.3.A. Purchasing will receive the questions during the bid. The ENGINEER will prepare responses to those questions in consultation with the County's Project Manager and forward response to the County's Purchasing Department. Purchasing will issue all addenda.
- 2.4 Bid Opening and Evaluation
 - 2.4.A. The County will tabulate the bids for the project, and the ENGINEER will review the bid packages from each bidder and contact references for the apparent low bidder. The ENGINEER will summarize the findings of the bid evaluation and make

recommendation of award/reject in writing to the County's Project Manager.

2.5 Attend Pre-award Meeting

2.5.A. Take meeting minutes and submit minutes to all attendees.

Exhibit "C" Construction Engineering and Inspection Phase (CEI)

The Engineer shall provide the following services during construction:

- 3.1 Prepare a scope of services for geotechnical work needed for the project. The CONSULTANT or CONTRACTOR will contract directly with the geotechnical firm. The GENERAL CONTRACTOR shall be responsible for hiring and supervising all subcontractors, with County review and approval including security clearance of contractors and subcontractors. Badges are required to be worn and visible at all times for building and site access for employee identification purposes.
- 3.2 Attend pre-construction/construction conference(s), take meeting minutes and submit minutes to all attendees.
- 3.3 Review and approve in consultation with the County Project Manager all shop drawings.
- 3.4 Conduct site visits to observe the construction to ensure the project is being completed in general conformance with the approved plans and specifications. Site visits will be based on **16 hours per week** until completion of construction.
- 3.5 Conduct monthly progress meetings with the contractor and owner.
- 3.6 Review and approve contractor pay requests before submittal to the County's Project Manager.
- 3.7 Review change order requests, make a recommendation to the County's Project Manager for acceptance.
- 3.8 Attend substantial and final completion inspections.

- 3.9 Prepare "as-built" drawings/O & M manuals (3) for each project. Provide one set of "as-built" reproducible and AutoCAD files to the County.
- 3.9 A Copies (2) and or up-dates to O & M manuals (MS Word 2000)
- 3.9 B Certificate of calibrations on all field instruments if necessary.
- 3.9 C Ladder Logic up-dates to chemical and control logic added to system if necessary.
- 3.10 Prepare FDEP Certificate of Completion of Construction and submit to FDEP/SJRWMD for approval.
- 3.11 Prepare close out documents. The CONTRACTOR shall submit with his request for final payment sworn statements on the Owner's form from himself and each subcontractor, Material or Labor who has filed a "Notice to Owner" that all bills for labor, materials, and subcontractor's work on the project have been paid for in full.

As part of this project, the CONSULTANT will be required to e-mail written progress reports every week on Fridays during the design phase. Reports will be required before progress payments will be processed. The consultant will be required to have the project 100% designed and permitted within **244 working days** from the Notice to Proceed (NTP). A proposed project schedule is required and must be submitted with the engineer's scope of services and man-hour/fee proposal.