VILLAGE OF KEY BISCAYNE

Office of the Village Manager

MEMORANDUM

Village Council
Franklin H. Caplan, *Mayor*
Michael E. Kelly, *Vice Mayor*
Michael W. Davey
Enrique Garcia
Robert Gusman
Mayra P. Lindsay
James S. Taintor

Village Manager
John C. Gilbert

DATE: January 10, 2012

TO: Honorable Mayor and Members of the Village Council

FROM: John C. Gilbert, Village Manager

RE: A Capital Project Authorizing Resolution Selecting Aleman's Sprinklers & Design, Inc. For The Village Green Irrigation System Rehabilitation; Authorizing the Village Manager To Execute An Agreement For These Services Not To Exceed $42,066.90.

RECOMMENDATION

It is recommended that the Village Council accept the bid of $42,066.90 from Aleman's Sprinklers & Design, Inc. and authorize the Village Manager to execute the agreement attached as Exhibit "A".

BACKGROUND

On October 11, 2011 the Village Council authorized the Village Manager to proceed with a bid process for the Village Green irrigation system rehabilitation. The Village invited five reputable sprinkler contractors to submit bids. On November 14, 2011the Village opened the three bids received.

Ramon Castella reviewed the three bids received and found them to be responsive, competitive and accurate. The bids received were more than double the original project estimate provided by Rosenberg Gardner Design on September 15, 2011. A bid review by Roman Castella describing the difference between the original cost estimate and the costs provided in the bid documents is attached as Exhibit "B". The three bids received by the Village are provided in ascending order and attached as Exhibit "C"

The project would be funded by the $20,000 reserved in the 2012 CIP with the remaining balance of $22,066.90 funded by the Recreation Facilities reserve line item. The Village's 2012 Florida Recreation Development Assistance Program Grant (FRDAP) includes $14,000 for irrigation improvements and is currently the highest scoring grant in this category. The Village is usually notified in June if the funding has been allocated by the legislature. The Village's lobbyists are aware of the pending grant. If the grant funding is allocated by the legislature the resulting impact on the Recreation Facilities line item would be $8,066.90.

RESOLUTION NO. 2012 - _____

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING ALEMAN'S SPRINKLERS & DESIGN, INC. FOR THE VILLAGE GREEN IRRIGATION SYSTEM REHABILITATION; AUTHORIZING THE VILLAGE MANAGER TO EXECUTE AN AGREEMENT RELATED TO THE SAME; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on October 11, 2011, the Village of Key Biscayne (the "Village Council") authorized the Village Manager to proceed with a bid process for the Village Green irrigation system rehabilitation (the "Improvements"); and

WHEREAS, the Village Manager solicited bids in accordance with Section 2-83 of the Village Code of Ordinance for the Improvements; and

WHEREAS, after careful review of the competitive bids submitted, the Village wishes to engage Aleman's Sprinklers & Design, Inc. for the Improvements; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals Adopted.** Each of the above stated recitals are hereby adopted, confirmed and incorporated herein.

Section 2. **Aleman's Sprinklers & Design, Inc. Selected.** The Village Council hereby selects Aleman's Sprinklers & Design, Inc. for the Improvements.

Section 3. **Village Manager Authorized.** The Village Manager is hereby authorized to execute an agreement at a cost not to exceed $42,066.90 with Aleman's Sprinklers & Design,

Inc., in substantially the form attached hereto as Exhibit "A," subject to approval as to form, content, and legal sufficiency by the Village Attorney.

Section 4. **Effective Date.** This Resolution shall be effective immediately upon adoption.

PASSED AND ADOPTED this ____ day of January, 2012.

_____
FRANK CAPLAN, MAYOR

ATTEST:

_____
CONCHITA H. ALVAREZ, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

_____
Village Attorney

EXHIBIT “A”

EXHIBIT "A"

CONTRACT FOR CONSTRUCTION

THIS IS A CONTRACT, by and between THE VILLAGE OF KEY BISCAYNE, FLORIDA, a municipal corporation of the State of Florida, (hereinafter referred to as "Village"), and Aleman's Sprinklers & Design, Inc., a Florida corporation, (hereinafter referred to as "Contractor".)

W I T N E S S E T H, that Contractor and Village, for the considerations hereinafter named, agree as follows:

ARTICLE 1

SCOPE OF WORK

1.1 Contractor hereby agrees to furnish all of the labor, materials, equipment, services and incidentals necessary to perform all of the Work described in the Scope of Work and Technical Specifications attached as Exhibit 2 for the following Project:

VILLAGE GREEN – IRRIGATION SYSTEM REHABILITATION
VILLAGE OF KEY BISCAYNE

ARTICLE 2

CONTRACT TIME

2.1 Contractor shall be instructed to commence the Work by written instructions in the form of a Notice to Proceed issued by the Village Manager. The Notice to Proceed will not be issued until Contractor's submission to Village of all required documents and after execution of this Contract.

2.2 Time is of the essence throughout this Contract. The Contractor shall prosecute the work with faithfulness and diligence and the Work shall be substantially completed within sixty (60) calendar days from the date specified in the Notice to Proceed. The Work shall be completed and ready for final payment in accordance with Article 3 within thirty (30) calendar days from the date certified by Village's Project Engineer as the date of Substantial Completion.

2.3 Upon failure of Contractor to substantially complete the Contract within the specified period of time, Contractor shall pay to Village the sum of Two Hundred

Fifty Dollars ($250.00) for each calendar day after the time specified in Section 2.2 above for Substantial Completion. After Substantial Completion, should Contractor fail to complete the remaining Work within the time specified in Section 2.2 above for completion and readiness for final payment, Contractor shall pay to Village the sum of One Hundred and Fifty Dollars ($150.00) for each calendar day after the time specified in Section 2.2 for completion and readiness for final payment. These amounts are not penalties but are liquidated damages to Village for its inability to obtain full beneficial occupancy and use of the Project. Liquidated damages are hereby fixed and agreed upon between the parties, recognizing the impossibility of precisely ascertaining the amount of damages that will be sustained by Village as a consequence of such delay, and both parties desiring to obviate any question or dispute concerning the amount of said damages and the cost and effect of the failure of Contractor to complete the Contract on time.

2.4 Village is authorized to deduct the liquidated damages from monies due to Contractor for the Work under this Contract.

ARTICLE 3

CONTRACT PRICE

3.1 Village shall pay to Contractor for the performance of the Contract, the total lump sum of forty two thousand sixty six dollars and ninety cents **($42,066.90)** subject to the conditions, limitations and restrictions of Section 3.3. This price shall be full compensation for all costs, including overhead and profit, associated with completion of all the Work in full conformity with the requirements as stated or shown, or both, in the Scope of Work and Specifications.

3.2 The sum set forth in Paragraph 3.1 shall constitute the Contract Price which shall not be modified except by any Change Order issued by Village or as otherwise specified herein.

3.3 Village and Contractor agree that this Contract shall be subject to the condition precedent that Village funds are available and budgeted for the accomplishment of the Work for this Project, and that the Village secures and obtains any necessary loans for the accomplishment of this Project pursuant to a borrowing enabling ordinance and any loan implementing resolution adopted by the Village Council, and as described in the Village Council Resolution which awards and authorizes the execution of this Contract.

3.4 In the absence of the need for a performance and payment bond on this project, the Contractor hereby agrees to receive payment of no more than 50% of the total contract amount prior to full completion of all work, and acceptance by the City.

ARTICLE 4

CONTRACT DOCUMENTS

4.1 The Contract Documents which comprise the entire agreement between the Village and the Contractor concerning the Work consist of this Contract for Construction, the Proposal, the Scope of work and Specifications, Insurance Certificate, the Notice of Award, the Notice to Proceed, any Change Orders and any other Contract Documents, not specifically listed herein which shall be considered incorporated into and made a part of this Contract by this reference and shall govern this Project. Contractor is reminded and hereby recognizes that all Work under this contract must comply with applicable regulations.

4.2 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 no commitments, agreements, or understandings concerning the subject matter of these Contract Documents that are not contained herein. Accordingly it is agreed that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

4.3 The Contract Documents shall remain the property of the Village. The Contractor shall have the right to keep one record set of the Contract Documents upon completion of the Project; provided; however, that in no event shall the Contractor use, or permit to be used, any or all of such Contract Documents on other Projects without the Village's prior written authorization.

ARTICLE 5

WAIVER OF JURY TRIAL

Village and Contractor knowingly, irrevocably, voluntarily and intentionally waive any right either may have to a trial by jury in State and or Federal court proceedings in respect to any action, proceeding, lawsuit or counterclaim based upon the Contract for Construction, arising out of, under, or in connection with the Construction of the Work, or any course of conduct, course of dealing, statements or actions or inactions of any party.

ARTICLE 6

ASSIGNMENT

Neither party shall assign the Contract or any sub-contract in whole or in part without the written consent of the other, nor shall Contractor assign any monies due or to become due to it hereunder, without the previous written consent of the Village Manager.

ARTICLE 7

MISCELLANEOUS

7. **Insurance Requirements:**

7.1 The Contractor will, at his own expense, purchase and maintain such insurance as will protect the Village and Contractor from claims under workmen's compensation laws, disability benefit laws or other similar employee laws; from claims for damages because of bodily injury, occupational sickness or disease, or death of his employees, or any person other than his employees, including claims insured by usual personal injury liability coverage; from claims for injury to or destruction of tangible property including loss of use resulting therefrom – any or all of which may arise out of or result from the Contractor's operations under the Contract Documents, whether such operations be by any Subcontractor or anyone directly or indirectly employed by any of them or for whose acts may be legally liable. This insurance shall be written for not less than $1,000,000.00 combine single limit per occurrence (no aggregate limitation) or as required by law, whichever is greater, and shall include contractual liability insurance. Before starting the work, the Contractor will file with the Village and Engineer certificates of such insurance, acceptable to the Village, these certificates shall contain a provision that the coverage afforded under the policies will not be cancelled or materially changed until at least 15 days after written notice is given to the Village and Engineer. These policies shall be written to cover Village and Village's Engineer as additionally insured.

7.2 **Village's Right To Terminate Contract**

7.2.1 If Contractor fails to timely begin the Work, or fails to perform the Work with sufficient workers and equipment or with sufficient materials to insure the prompt completion of the Work, or shall perform the Work unsuitably, or cause it to be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work pursuant to the accepted schedule or if the Contractor shall fail to perform any material term set forth in the Contract Documents or if Contractor shall become insolvent or be declared bankrupt, or commit any act of bankruptcy or insolvency, or shall make an assignment for the benefit of creditors, or from any other cause whatsoever shall not carry on the Work in an acceptable manner, Village may, upon

seven (7) days written Notice of Termination, terminate the services of Contractor, exclude Contractor from the Project site and take the prosecution of the Work out of the hands of Contractor, and use any or all materials on the Project site which have been paid for by the Village, as may be suitable and acceptable and may finish the Work by whatever methods it may deem expedient. In such case Contractor shall not be entitled to receive any further payment until the Project is completed. All damages, costs and charges incurred by Village, together with the costs of completing the Project, shall be deducted from any monies due or which may become due to Contractor. In case the damages and expenses so incurred by Village shall exceed the unpaid balance, then Contractor shall be liable and shall pay to Village the amount of said excess.

7.3 **Contractor to Check Plans, Specifications and Data:**

Contractor shall verify all dimensions, quantities and details shown on the plans, specifications or other data received from Village's Project Engineer, and shall notify Village's Project Engineer in writing of all errors, omissions and discrepancies found therein within three (3) calendar days of discovery and Village's Project Engineer will promptly review the same. Any Work done after such discovery, but prior to
written authorization of the Village's Project Engineer, will be done at the Contractor's sole risk.

7.4 **Contractor's Responsibility for Damages and Accidents**

7.4.1 Contractor shall accept full responsibility for the Work against all loss or damage of any nature sustained until final acceptance by Village, and shall promptly repair any damage done from any cause.

7.4.2 Contractor shall be responsible for all materials, equipment and supplies pertaining to the Project. In the event any such materials, equipment and supplies are lost, stolen, damaged or destroyed prior to final acceptance by Village, Contractor shall replace same without cost to Village.

7.5 **Defective Work/Guarantee**

7.5.1 Village shall have the authority to reject or disapprove Work which the Village finds to be defective. If required by the Village, Contractor shall promptly either correct all defective Work or remove such defective Work and replace it with nondefective Work. Contractor shall bear all direct, indirect and consequential costs of such removal or corrections including cost of testing laboratories and personnel.

7.5.2 Should Contractor fail or refuse to remove or correct any defective Work or to make any necessary repairs in accordance with the requirements of the Contract Documents within the time indicated in writing by Village's Project Consultant, Village shall have the authority to cause the defective Work to be removed or corrected, or make such repairs as may be necessary at Contractor's expense. Any expense incurred by Village in making such removals, corrections or repairs, shall be paid for out of any monies due or which may become due to Contractor. In the event of failure of Contractor to make all necessary repairs promptly and fully, Village may declare Contractor in default.

7.5.3 The Contractor shall unconditionally guarantee all materials and equipment furnished and Work performed for a period of one (1) year from the date of substantial completion. If, within one (1) year after the date of substantial completion, any of the Work is found to be defective or not in accordance with the Contract Documents, Contractor, after receipt of written notice from Village, shall promptly correct such defective or nonconforming Work within the time specified by Village without cost to Village. Nothing contained herein shall be construed to establish a period of limitation with respect to any other obligation which Contractor might have under the Contract Documents including but not limited to any claim regarding latent defects.

7.5.4 Failure to reject any defective Work or material shall not in any way prevent later rejection when such defect is discovered.

7.6 **Legal Restrictions and Traffic Provisions**:

Contractor shall conform to and obey all applicable laws, regulations, or ordinances with regard to labor employed, hours of Work and Contractor's general operations. Contractor shall conduct its operations so as not to interfere with or close any thoroughfare, except as provided for in the Contract Documents, without the written consent of the proper authorities.

7.7 **Examination and retention of Contractor's Records**

7.7.1 The Village or any of their duly authorized representatives shall, until 3 years after final payment under this contract, have access to and the right to examine any of the Contractor's books, ledgers, documents, papers, or other records involving transactions related to this contract for the purpose of making audit, examination, excerpts, and transcriptions.

7.7.2 The Contractor agrees to include in first-tier subcontracts under this contract a clause substantially the same as subparagraph 7.7.1 above.

"Subcontract," as used in this clause, excludes purchase orders not exceeding $10,000.

7.7.3 The right to access and examination of records in subparagraph 7.7.1 shall continue until disposition of any mediation, claims, litigation or appeals.

7.8 **No Damages for Delay**

No claim for damages or any claim, other than for an extension of time shall be made or asserted against Village by reason of any delays. Contractor shall not be entitled to an increase in the Contract Price or payment or compensation of any kind from Village for direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to, costs of acceleration or inefficiency, arising because of delay, disruption, interference or hindrance from any cause whatsoever, whether such delay, disruption, interference or hindrance be reasonable or unreasonable, foreseeable or unforeseeable, or avoidable or unavoidable. Contractor shall be entitled only to extensions of the Contract Time as the sole and exclusive remedy for such resulting delay. Notwithstanding the above, the Contractor shall be granted an extension of time and suspension of liquidated damages for any delay beyond the control of the Contractor. Should any delay, disruption, interference or hindrance be caused by the Village, for a continuous period or cumulative period of thirty (30) days, the Contractor may terminate the Contract upon seven days written notice to the Village.

7.9 **Public Entity Crimes Affidavit**

Contractor shall comply with Section 287.133, Florida Statutes, (Public Entity Crimes Statute) notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

7.10 **Indemnification**

Contractor shall indemnify and hold harmless Village, Village's officers and employees and Village's Engineer and its officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness or intentional wrongful conduct of Contractor and persons employed or utilized by Contractor in the performance of the Agreement.

7.11 **Capitalized Terms**

Capitalized terms shall have their plain meaning as indicated herein.

7.12 **Independent Contractor**:

The Contractor is an independent contractor under the Contract. Services provided by the Contractor shall be by employees of the Contractor and subject to supervision by the Contractor, and not as officers, employees, or agents of the Village. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures, applicable to services rendered under the Contract shall be those of the Contractor.

7.13 **Payment to Sub-contractors**

Certification of Payment to Subcontractors:

Before receiving Firm's Payment, the Contractor shall pay all subcontractors and suppliers having an interest in the Contract for all work completed and materials furnished, and provide Releases of Lien to the Village from each.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement on the respective dates under each signature: VILLAGE OF KEY BISCAYNE, FLORIDA, signing by and through its Village Manager authorized to execute same by Council action on the ____ day of _____ 2011, and _____ signing by and through _____, duly authorized to execute same.

ATTEST:

_____
Village Clerk

VILLAGE OF KEY BISCAYNE, FLORIDA

By: _____
Village Manager

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

By:_____
VILLAGE ATTORNEY

This ____ day of _____, 2011.

CONTRACTOR MUST EXECUTE THIS CONTRACT AS INDICATED BELOW. USE CORPORATION FORMAT, AS APPLICABLE.

CONTRACTOR

ATTEST:

_____

_____
(Secretary)

By:_____
(Signature and Title)

(Corporate Seal)

_____
(Type Name/Title signed above)

This _____ day of _____, 2011.

EXHIBIT “B”

Engineers
Architects
Planners

November 17, 2011

Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, Florida 33149

Attention: **Chief John Gilbert, Interim Village Manager**

Reference: **Village Green Irrigation System Rehabilitation**
C3TS Project No. 01108-031.02

Dear Chief Gilbert:

In late October, we invited five reputable sprinkler contractors to submit bids to the Village for the referenced project. In response, we received three bids on November 14, 2011 (see attached bid comparison). We have checked the three submitted bids, and have found the bids to be responsive, complete and accurate. However, the bid totals were roughly double the original budget estimate provided of $20,000. In reviewing the numbers, there are a number of reasons for this discrepancy:

1) The original estimate did not include the built-in $5,000 bid contingency.

2) The original estimate did not include item No. 3 for the repair of the valve boxes – a $2,800 cost. This was added to assure a complete job.

EB0005022

AAC002142

3) The original estimate for item No. 1 for the new booster pump was approximately half of the low amount bid for this item. The three bidders amounts for this item were comparable. Therefore, we feel that the bid numbers are representative of actual market conditions, and that the original estimate was inaccurately low. Please note that this item of the booster pump is the most critical issue included in this project.

4) The original bid estimate for items 9 and 10 (zone testing and repairs) was about half of the low bid amount of $11,400. The three bidder's amounts for these items were very comparable. Therefore, we feel that the bid numbers are representative of actual market conditions, and that the original estimate was inaccurately low.

Acknowledging that the original bid estimate was low, we nevertheless recommend that if the Village has available additional funding, the job be awarded in its entirety to assure a complete job of rehabilitating and modernizing the Village Green's irrigation system. If the Village's current budget of $20,000 for this project is to be maintained, we recommend that the job be awarded for only Items 1, 7, 8 and 11.

Based on our findings, it is our opinion that these sprinkler contractors are qualified and capable of performing the work. Therefore, we recommend that the project be awarded to the lowest responsible responsive bidder, Aleman's Sprinklers, in the amount of $42,066.90 for the complete job, or $19,999.90 ($18,241.90 + $1,750.00 contingency) for a project award within current budget.

Sincerely,

Corzo Castella Carballo Thompson Salman, P.A.

Ramon Castella, P.E.
Principal

RC/er

Encl.
I:\1108-31 Village Green Irrigation\Correspondence\1L111711RecommLetter.doc

901 Ponce de Leon Blvd., Suite 900, Coral Gables, Florida 33134 305.445.2900 1.800.448.0227 Facsimile 305.445.3366
Web Site: www.c3ts.com Equal Opportunity Employer

VILLAGE GREEN PARK BID COMPARISON

11/15/2011

NO.	ITEM	EST. QTY.	Aleman's Sprinklers UNIT COST	Aleman's Sprinklers TOTAL	Lemus Irrigation UNIT COST	Lemus Irrigation TOTAL	Research Irrigation UNIT COST	Research Irrigation TOTAL
1	Furnish and install a new 7.5hp booster pump and pressure tank (incl. electrical connection)	1	$ 12,824.00	$ 12,824.00	$ 15,750.00	$ 15,750.00	$ 16,978.00	$ 16,978.00
2	Furnish and install a new Rainbird IQ controller (includes electrical connections, and connection to Villagewide central control)	1	$ 1,660.00	$ 1,660.00	$ 1,300.00	$ 1,300.00	$ 4,926.00	$ 4,926.00
3	Repair valve boxes (to change lids to lockable and ensure gravel at the bottom of the box)	28	$ 100.00	$ 2,800.00	$ 50.00	$ 1,400.00	$ 58.00	$ 1,624.00
4	Repair of leaking solenoid or gate valves at valve boxes	1	$ 65.00	$ 65.00	$ 2,590.00	$ 2,590.00	$ 1,000.00	$ 1,000.00
5	Pressure test of main	1	$ 1,400.00	$ 1,400.00	$ 1,540.00	$ 1,540.00	$ 1,200.00	$ 1,200.00
6	Fix breaks in main	10	$ 150.00	$ 1,500.00	$ 280.00	$ 2,800.00	$ 300.00	$ 3,000.00
7	Replace irrigation heads that do not meet specification requirements	50	$ 75.66	$ 3,783.00	$ 100.00	$ 5,000.00	$ 50.00	$ 2,500.00
8	Re-install irrigation heads that are not installed at the correct elevation and/or are not plumb	15	$ 75.66	$ 1,134.90	$ 35.00	$ 525.00	$ 20.00	$ 300.00
9	Pressure test of individial zones	28	$ 300.00	$ 8,400.00	$ 250.00	$ 7,000.00	$ 300.00	$ 8,400.00
10	Fix breaks in individual zones	50	$ 60.00	$ 3,000.00	$ 100.00	$ 5,000.00	$ 125.00	$ 6,250.00
11	Project Close Out (provide operation manuals, instruct Village staff on the proper operation of all equipment, provide record drawings and warrantee system for a period of one year)	1	$ 500.00	$ 500.00	$ 1,250.00	$ 1,250.00	$ 300.00	$ 300.00
12	Contingency	1	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00
		Total		$ 42,066.90		$ 49,155.00		$ 51,478.00

EXHIBIT "C"

BID FORM

VILLAGE GREEN – IRRIGATION SYSTEM REHABILITATION
VILLAGE OF KEY BISCAYNE, FLORIDA

Bid unit prices stated in this proposal include all costs and expenses for labor, equipment, materials, contractor's overhead and profit. Unit prices for the various work items are intended to establish a total price for completing the project in its entirety. The Contractor shall include n the Bid price any work item and materials for which a separate pay item has not been included in the Bid Form. All work and incidental costs shall be included for payment under the several scheduled items of the overall contract, and no separate payment will be made therefore.

No.	ITEM	EST. QTY.	UNIT	UNIT COST	TOTAL COST
1	Furnish and install a new variable frequency drive 7.5hp booster pump and pressure tank (incl. electrical connection, control panel, fiberglass enclosure, concrete pad, mounting assembly, pressure transmitter, piping, wiring and testing)	1	L.S.	$ 12,824.00	$ 12,824.00
2	Furnish & install a new Rainbird IQ controller (Incl. electrical connections, and connection to Villagewide central control (via new radio transmitter), software/hadware installation, training of Village staff.)	1	L.S.	$ 1,660.00	$ 1,660.00
3	Repair valve boxes (to change lids to lockable and ensure gravel at the bottom of the box)	28	EA.	$ 100.00	$ 2,800.00
4	Repair of leaking solenoid or gate valves at valve boxes	1	L.S.	$ 65.00	$ 65.00
5	Pressure test of all irrigation mains from meter to zone valves.	1	L.S.	$ 1,400.00	$ 1,400.00
6	Locate, uncover and repair breaks in mains	10	EA.	$ 150.00	$ 1,500.00
7	Replace irrigation heads that do not meet specification requirements	50	EA.	$ 75.66	$ 3,783.00
8	Re-install irrigation heads that are not installed at the correct grade and/or are not plumb	15	EA.	$ 75.66	$ 1,134.90
9	Pressure test of individual zone piping	28	EA.	$ 300.00	$ 8,400.00
10	Locate, uncover and repair breaks in piping within individual zones	50	EA.	$ 60.00	$ 3,000.00
11	Project Close Out (provide operation manuals, instruct Village staff on the proper operation of all equipment, provide record drawings and warrantee system for a period of one year)	1	L.S.	$ 500.00	$ 500.00
12	Contingency	1	L.S.	$ 5,000.00	$ 5,000.00

GRAND TOTAL IN FIGURES $ 42,066.90

GRAND TOTAL (WRITTEN): Fourty Two thousand Sixty Six Dollars & 90/00.

Bidder: Aleman's Sprinklers.

By: Jose Aleman.

Title: Presidente.

Telephone: (305) 378-1804 **Fax:** (305) 378-9796

LIST OF MAJOR SUB-CONTRACTORS & SUPPLIERS

Bidders are required to list with the Proposal, on this sheet all major sub-contractors and supplier included for the prosecution of the work. Failure to complete the list may be cause for declaring the Proposal irregular.

The successful bidder shall employ the sub-contractors and suppliers listed hereunder for the class of work indicated, which list shall not be modified in any way without the written consent of the Village of Key Biscayne.

The Bidder expressly agrees that:

1. If awarded a contract as a result of this proposal, the major sub-contractors and/or supplier used in the prosecution of the work will be those listed below.

2. The Bidder represents that the sub-contractors and/or supplier listed below are financially responsible and are qualified to do the work required.

CATEGORY OR CLASS OF WORK	NAME OF SUB-CONTRACTOR OR SUPPLIER	ADDRESS
Irrigation	Florida Irrigation Supply	7811-21 N.W. 62 ST Miami, Fl.
Pump Station	Hoover Pumping Systems.	2801 N. Power Line Road Pompano Beach, Fl.

BID FORM

VILLAGE GREEN – IRRIGATION SYSTEM REHABILITATION
VILLAGE OF KEY BISCAYNE, FLORIDA

Bid unit prices stated in this proposal include all costs and expenses for labor, equipment, materials, contractor's overhead and profit. Unit prices for the various work items are intended to establish a total price for completing the project in its entirety. The Contractor shall include n the Bid price any work item and materials for which a separate pay item has not been included in the Bid Form. All work and incidental costs shall be included for payment under the several scheduled items of the overall contract, and no separate payment will be made therefore.

No.	ITEM	EST. QTY.	UNIT	UNIT COST	TOTAL COST
1	Furnish and install a new variable frequency drive 7.5hp booster pump and pressure tank (Incl. electrical connection, control panel, fiberglass enclosure, concrete pad, mounting assembly, pressure transmitter, piping, wiring and testing)	1	L.S.	$15750.00	$15750.00
2	Furnish & install a new Rainbird IQ controller (Incl. electrical connections, and connection to Villagewide central control (via new radio transmitter), software/hadware installation, training of Village staff.)	1	L.S.	$1300.00	$1300.00
3	Repair valve boxes (to change lids to lockable and ensure gravel at the bottom of the box)	28	EA.	$ 50.00	$ 1400.00
4	Repair of leaking solenoid or gate valves at valve boxes	1	L.S.	$ 2590.00	$ 2590.00
5	Pressure test of all irrigation mains from meter to zone valves.	1	L.S.	$ 1540.00	$ 1540.00
6	Locate, uncover and repair breaks in mains	10	EA.	$ 280.00	$ 2800.00
7	Replace irrigation heads that do not meet specification requirements	50	EA.	$ 100.00	$ 5000.00
8	Re-install irrigation heads that are not installed at the correct grade and/or are not plumb	15	EA.	$ 35.00	$ 525.00
9	Pressure test of individual zone piping	28	EA.	$ 250.00	$ 7000.00
10	Locate, uncover and repair breaks in piping within individual zones	50	EA.	$ 100.00	$ 5000.00
11	Project Close Out (provide operation manuals, instruct Village staff on the proper operation of all equipment, provide record drawings and warrantee system for a period of one year)	1	L.S.	$ 1250.00	$ 1250.00
12	Contingency	1	L.S.	$ 5,000.00	$ 5,000.00

GRAND TOTAL IN FIGURES $ 49155.00

GRAND TOTAL (WRITTEN): Forty nine thousand one hundred and fifty five dollars

Bidder: LEWIS IRRIGATION INC.

By: ARNO LEWIS

Title: President

Telephone: (305) 9699471 **Fax:** (305) 9699474

LIST OF MAJOR SUB-CONTRACTORS & SUPPLIERS

Bidders are required to list with the Proposal, on this sheet all major sub-contractors and supplier included for the prosecution of the work. Failure to complete the list may be cause for declaring the Proposal irregular.

The successful bidder shall employ the sub-contractors and suppliers listed hereunder for the class of work indicated, which list shall not be modified in any way without the written consent of the Village of Key Biscayne.

The Bidder expressly agrees that:

1. If awarded a contract as a result of this proposal, the major sub-contractors and/or supplier used in the prosecution of the work will be those listed below.

2. The Bidder represents that the sub-contractors and/or supplier listed below are financially responsible and are qualified to do the work required.

CATEGORY OR CLASS OF WORK	NAME OF SUB-CONTRACTOR OR SUPPLIER	ADDRESS
Pump Manufacture	Hoover Pump	2801 N. Powerline Rd Pompano Beach, Fl. 33069
Irrigation Supply	Dade Broward Supply	2801 NW 112 Ave Miami Fl 33172
Ace Pump Supply	Irrigation Supply	16600 NW 54 Ave Miami Fl. 33014

BID FORM

VILLAGE GREEN – IRRIGATION SYSTEM REHABILITATION
VILLAGE OF KEY BISCAYNE, FLORIDA

Bid unit prices stated in this proposal include all costs and expenses for labor, equipment, materials, contractor's overhead and profit. Unit prices for the various work items are intended to establish a total price for completing the project in its entirety. The Contractor shall include n the Bid price any work item and materials for which a separate pay item has not been included in the Bid Form. All work and incidental costs shall be included for payment under the several scheduled items of the overall contract, and no separate payment will be made therefore.

No.	ITEM	EST. QTY.	UNIT	UNIT COST	TOTAL COST
1	Furnish and install a new variable frequency drive 7.5hp booster pump and pressure tank (incl. electrical connection, control panel, fiberglass enclosure, concrete pad, mounting assembly, pressure transmitter, piping, wiring and testing)	1	L.S.	$ 16,978.00	$ 16,978.00
2	Furnish & install a new Rainbird IQ controller (Incl. electrical connections, and connection to Villagewide central control (via new radio transmitter), software/hadware installation, training of Village staff.)	1	L.S.	$ 4,926.00	$ 4,926.00
3	Repair valve boxes (to change lids to lockable and ensure gravel at the bottom of the box)	28	EA.	$ 58.00	$ 1,624.00
4	Repair of leaking solenoid or gate valves at valve boxes	1	L.S.	$ 1,000.00	$ 1,000.00
5	Pressure test of all irrigation mains from meter to zone valves.	1	L.S.	$ 1,200.00	$ 1,200.00
6	Locate, uncover and repair breaks in mains	10	EA.	$ 300.00	$ 3,000.00
7	Replace irrigation heads that do not meet specification requirements	50	EA.	$ 50.00	$ 2,500.00
8	Re-install irrigation heads that are not installed at the correct grade and/or are not plumb	15	EA.	$ 20.00	$ 300.00
9	Pressure test of individual zone piping	28	EA.	$ 300.00	$ 8,400.00
10	Locate, uncover and repair breaks in piping within individual zones	50	EA.	$ 125.00	$ 6,250.00
11	Project Close Out (provide operation manuals, instruct Village staff on the proper operation of all equipment, provide record drawings and warrantee system for a period of one year)	1	L.S.	$ 300.00	$ 300.00
12	Contingency	1	L.S.	$ 5,000.00	$ 5,000.00

GRAND TOTAL IN FIGURES $ 51,478.00

GRAND TOTAL (WRITTEN): FIFTY ONE THOUSAND, FOUR HUNDRED, SEVENTY EIGHT DOLLARS AND xx/100

Bidder: RESEARCH IRRIGATION INC.

By: KENNETH R. BING

Title: PRESIDENT

Telephone: 305-863-9390 **Fax:** 305-863-9221

LIST OF MAJOR SUB-CONTRACTORS & SUPPLIERS

Bidders are required to list with the Proposal, on this sheet all major sub-contractors and supplier included for the prosecution of the work. Failure to complete the list may be cause for declaring the Proposal irregular.

The successful bidder shall employ the sub-contractors and suppliers listed hereunder for the class of work indicated, which list shall not be modified in any way without the written consent of the Village of Key Biscayne.

The Bidder expressly agrees that:

1. If awarded a contract as a result of this proposal, the major sub-contractors and/or supplier used in the prosecution of the work will be those listed below.

2. The Bidder represents that the sub-contractors and/or supplier listed below are financially responsible and are qualified to do the work required.

CATEGORY OR CLASS OF WORK	NAME OF SUB-CONTRACTOR OR SUPPLIER	ADDRESS
PUMP STATION	HOOVER PUMPING SYSTEM	2801 N. POWERLINE Rd. POMPANO BEACH, FL. 33069
IRRIGATION MATERIALS	HD SUPPLY & WATERWORKS	10810 NW 92ND TERRACE MEDLEY, FL. 33178