

RESOLUTION NO. 04 227

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF MIAMI LAKES, FLORIDA APPROVING THE PROJECT AGREEMENT BETWEEN KIMLEY-HORN AND ASSOCIATES, INC. AND THE TOWN OF MIAMI LAKES FOR ROYAL OAKS PARK PHASE ONE DESIGN/BUILD CONSTRUCTION ADMINISTRATION; AUTHORIZING THE TOWN MANAGER AND TOWN ATTORNEY TO IMPLEMENT THE TERMS AND CONDITIONS OF THE AGREEMENT; AUTHORIZING THE TOWN MANAGER TO EXPEND BUDGETED FUNDS; AUTHORIZING THE TOWN MANAGER TO EXECUTE THE AGREEMENT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town of Miami Lakes (the “Town”) has retained the services of Kimley-Horn and Associates, Inc. (“Kimley-Horn”) as Town Engineer; and

WHEREAS, the Town has completed the selection process for the design and construction of Royal Oaks Park (the “Park”); and

WHEREAS, Kimley-Horn has prepared the design criteria package for the Town and has assisted the Town in selecting a design/builder for the design and construction of the Park; and

WHEREAS, the Town requires a design consultant to assist the Town Manager with the administration of the project throughout the construction process; and

WHEREAS, the Town Council finds that approval of the project agreement between the Town and Kimley-Horn for the Park’s Phase One design/build construction administration is in the best interests of the Town.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF MIAMI LAKES, FLORIDA, AS FOLLOWS:

Section 1. Recitals. The above recitals are true and correct and incorporated into this resolution by this reference.

Section 2. Approval of Agreement. The Project Agreement between Kimley-Horn and Associates, Inc. and the Town of Miami Lakes for Royal Oaks Park Phase One Design/Build Construction Administration (the "Agreement"), a copy of which is attached as Exhibit "A," together with such non-material changes as may be acceptable to the Town Manager and approved as to form and legality by the Town Attorney, is approved.

Section 3. Authorization of Town Officials. The Town Manager and Town Attorney are authorized to take all steps necessary to implement the terms and conditions of the Agreement.

Section 4. Authorization of Fund Expenditure. The Town Manager is authorized to expend budgeted funds to implement the terms and conditions of the Agreement.

Section 5. Execution of Agreement. The Town Manager is authorized to execute the Agreement on behalf of the Town.

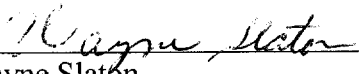
Section 6. Effective Date. This Resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED this 11th day of May, 2004.

Motion to adopt by Collins, second by Alonso.

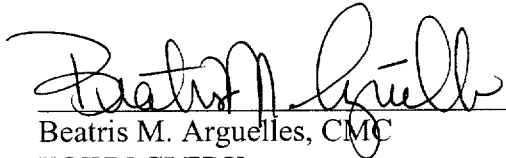
FINAL VOTE AT ADOPTION

Mayor Wayne Slaton	<u>Yes</u>
Vice Mayor Roberto Alonso	<u>Yes</u>
Councilmember Mary Collins	<u>Yes</u>
Councilmember Robert Meador	<u>Yes</u>
Councilmember Michael Pizzi	<u>Yes</u>
Councilmember Nancy Simon	<u>Yes</u>
Councilmember Peter Thomson	<u>Yes</u>




Wayne Slaton
MAYOR

ATTEST:



Beatris M. Arguelles, CMC
TOWN CLERK

Approved as to form and legality for the use
and benefit of the Town of Miami Lakes only:



Weiss, Serota, Helfman, Pastoriza, Guedes,
Cole & Boniske, P.A.
TOWN ATTORNEY

F:/702001/Resolutions/Approving Kimley-Horn – ROP construction admin

PROJECT AGREEMENT

Between

TOWN OF MIAMI LAKES, FLORIDA

And

KIMLEY-HORN AND ASSOCIATES, INC.

for

Work Authorization No. 02-37

Royal Oaks Park Phase I Project Management

Rev. 04-227

PROJECT AGREEMENT

Between

THE TOWN OF MIAMI LAKES, FLORIDA

And

KIMLEY-HORN AND ASSOCIATES, INC.

For

Work Authorization No. 02-37

Royal Oaks Park Phase I Project Management

Pursuant to the provisions contained in the "Continuing Services Agreement" between the TOWN OF MIAMI LAKES, FLORIDA (the "TOWN") and KIMLEY-HORN AND ASSOCIATES, INC., ("CONSULTANT") dated May 15, 2002, this Project Agreement authorizes the CONSULTANT to provide the services as set forth below.

The TOWN and CONSULTANT agree as follows:

SECTION 1. SCOPE OF SERVICES

1.0 Project Description

The TOWN proposes to construct Phase One of Royal Oaks Park (the "Park"). The Park site is 22 acres in size and currently vacant. The park will be constructed in two (2) phases. Phase one will generally include the following:

- Construction of four (4) soccer fields including lighting, irrigation and bleachers;
- Construction of approximately 165 parking spaces;
- Entrance and parking lot lighting;
- One restroom/concession facility;
- Potable water and sewer facilities for restroom/concession facility;
- Construction of a perimeter berm including fencing; and
- Minimal site landscaping and irrigation.

CONSULTANT has completed the design criteria package and a design/build team has been selected to provide a proposal to finalize the design and construct the project. This proposal is meant to continue services provided by CONSULTANT beyond those previously agreed which included up to and thru selection of the design/build firm. This proposal is for construction phase services.

1.1 Scope of Services

1.1.2 Task One- Design Submittal Reviews

Review and provide comments for the 65% and Final design submittals. Reviews shall include:

- Project schedule;
- Construction drawings including site plan, grading and drainage plans, water and sewer plans, paving and drainage details, landscaping and irrigation plans, building floor plans, building elevations and sections, building structural plans, building reflected ceiling plans, site electrical plans and details;
- Performance specifications; and
- Manufacturers product data for all site furniture, plumbing fixtures, mechanical equipment, sports lighting and site lighting.

CONSULTANT shall provide review comments within seven (7) calendar days of receipt of design submittals.

1.2 Task Two-Construction Coordination

1.2.1 Conduct Project Meetings

Schedule and conduct one (1) pre-construction conference and two (2) progress meetings per month with the Contractor to assess the project schedule and Contractor progress for the duration on the construction process. Meeting minutes will be prepared and distributed by CONSULTANT.

1.2.2 Review Shop Drawings

CONSULTANT shall review and approve or take other appropriate action in respect to shop drawings, samples and other data that the Contractor is required to submit but only for conformance with the design concept of the project and compliance with the information given in the Contract Documents (such review and approval, or other action, shall not extend to means, methods, sequences, techniques or procedures of construction, or safety precautions and programs incident hereto). CONSULTANT shall perform these reviews within seven (7) calendar days and in accordance with the standard of care of the profession at the time of service.

CONSULTANT shall consult with and advise the Town as to the acceptability of substitute materials and equipment that are proposed by the Contractor in accordance with the Contract Documents, but subject to the provisions of applicable standards of state or local government entities.

1.2.3 Project Oversight.

Based on CONSULTANT'S observations and on review of applications for payment and accompanying supporting documentation, CONSULTANT shall determine the amount that is recommended for payment. Such recommendations of payment shall be in writing and will constitute CONSULTANT's representation to Town, based on such observations and review, that Contractor's work has progressed to the point indicated, such work-in-progress is in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent testing called for in the Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled insofar as it is CONSULTANT's responsibility to so determine. CONSULTANT's recommendations of payment will include determinations of quantities and quality of Contractor's work, based on observations and measurement of quantities provided with pay request. CONSULTANT will review and approve or provide comments on payment request within seven (7) calendar days of receipt.

By recommending any payment, CONSULTANT shall not thereby be deemed to have represented that observations made by CONSULTANT, to check Contractor's work as it is performed and furnished have been exhaustive, extended to every aspect of Contractor's work in progress, or involved detailed inspection of the Work beyond the responsibilities specifically assigned to CONSULTANT in this Agreement. Neither CONSULTANT'S review of Contractor's work for the purposes of recommending payments nor CONSULTANT'S recommendations of any payment including final payment will impose on CONSULTANT'S responsibility to supervise, direct, or control Contractor's work in progress or for the means, methods, techniques, equipment choice and usage, sequences, or procedures of construction of safety precautions or programs incident thereto, nor Contractor's compliance with Laws and Regulations applicable to Contractor's furnishing and performing the Work. CONSULTANT will make a reasonable examination to ascertain how or for what purposes Contractor has used the moneys paid on account of the Contract Price, to determine that title to the work in progress, materials, or equipment has passed to Town free of noticed liens, claims, security interest, or encumbrances, and that there may not be other matters at issue between Town and Contractor that might affect the amount that should be paid.

The CONSULTANT shall issue necessary technical clarifications and interpretations of the Contract Documents to Town as appropriate to the orderly completion of Contractor's work. Such clarifications and interpretations shall be consistent with the intent of the Contract Documents will be made in writing by Town.

The CONSULTANT shall review and provide an opinion on Change Orders to the Town, as appropriate.

The CONSULTANT shall issue necessary technical interpretations and clarifications of the Contract Documents and in connection therewith, prepare change orders as required:

and act as initial interpreter of the Contract Documents pertaining to the execution and progress of the requirements of work.

1.2.4 Project Closeout

Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, in company with the Town, and Contractor, CONSULTANT shall conduct a site visit to determine if the Work is substantially complete. Work will be considered substantially complete following satisfactory completion of all items with the exception of those identified on a final punch list. If after considering any objections of Town, CONSULTANT considers the Work substantially complete, CONSULTANT shall notify Town and Contractor.

CONSULTANT shall conduct a final site visit to determine if the completed Work of Contractor is in substantial accordance with the Contract Documents and the final punch list so that CONSULTANT may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, CONSULTANT shall also provide a notice that the Work is in substantial accordance with the Contract Documents based on the extent of the services provided by CONSULTANT upon which it is entitled to rely.

The CONSULTANT shall be responsible for reporting the observed acts or omissions of the Contractor, or of any of their subcontractors, suppliers, or of any other individual or entity performing or furnishing the work. CONSULTANT shall have the authority or responsibility to stop the work of any Contractor.

1.2.5 Record Drawings

CONSULTANT will review project record drawings prepared, provided, and certified by the contractor. One (1) set of reproducible "As-Built" drawings shall be provided to the Town.

1.3 Task 3 -Onsite Observations

A Resident Project Representative ("RPR") shall be furnished by the CONSULTANT and shall act as directed by the CONSULTANT in order to assist the CONSULTANT in observing performance of the work of the Contractor. The CONSULTANT will coordinate with the Town and the contractor for the sequence of visits, and the observation milestones as they pertain to the project site and equipment. The RPR shall average three (3) hours per day on the site at the various stages of construction. RPR will provide weekly reports to the Town describing general working conditions, construction activity, tests performed, and unusual events.

Observations are to be limited to spot checking, selective measurement, and similar methods of general observation of the Work based on CONSULTANT'S exercise of

professional judgment. Based on information obtained during such visits and such observations, CONSULTANT will determine if Contractor's work is generally proceeding in accordance with the Contract Documents, and CONSULTANT shall keep Town informed of the general progress of the Work.

The purpose of CONSULTANT's visits to the site will be to enable CONSULTANT to better carry out the duties and responsibilities assigned in the Agreement to CONSULTANT during the construction phase by Town, and, in addition, by the exercise of CONSULTANT'S efforts, to provide Town a greater degree of confidence that the completed Work will conform in general to the Contract Documents and that the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents has been implemented and preserved by Contractor. CONSULTANT shall not, during such visits or as a result of such observations of Contractor's work in progress, supervise, direct, or have control over Contractor's work, nor shall CONSULTANT have authority over or responsibility for the means, methods, techniques, equipment choice and usage, sequences, schedules, or procedures of construction selected by Contractor, for safety precautions and programs incident to Contractor's work, nor for any failure of Contractor to comply with laws and regulations applicable to Contractor's furnishing and performing the Work.

The CONSULTANT shall recommend to Town that Contractor's work be disapproved and rejected while it is in progress if, on the basis of such observations, CONSULTANT believes that such work will not produce a completed Project that conforms generally to Contract Documents or that it will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents.

The CONSULTANT shall receive and review certificates of inspections within CONSULTANT's area of responsibility or of tests and approvals required by laws and regulations or the Contract Documents. CONSULTANT's review of such certificates will be for the purpose of determining that the results certified indicate compliance with the Contract Documents. CONSULTANT shall be entitled to rely on the results of such tests and the facts being certified.

1.4 Design Consultant

CONSULTANT shall perform all duties designated to Design Consultant in the Design Build Agreement between the TOWN and Recreational Design and Construction, Inc.

SECTION 2. DELIVERABLES

2.1 Deliverables shall include project correspondence.

SECTION 3. TERM/TIME OF PERFORMANCE/DAMAGE

3.1 **Term.** This Project Agreement shall commence on the date this instrument is fully executed by all parties and shall continue in full force and effect, unless otherwise terminated pursuant to Section 4 or other applicable provisions of this Project Agreement. The Town Manager, in his sole discretion, may extend the term of this Agreement through written notification to the CONSULTANT. Such extension shall not exceed 30 days. No further extensions of this Agreement shall be effective unless authorized by the TOWN Council.

3.2 **Commencement.** The CONSULTANT'S services under this Project Agreement and the time frames applicable to this Project Agreement shall commence upon the date provided in a written Notification of Commencement ("Commencement Date") provided to the CONSULTANT from the TOWN. The CONSULTANT shall not incur any expenses or obligations for payment to third parties prior to the issuance of the Notification of Commencement. CONSULTANT must receive written notice from the Town Manager prior to the beginning the performance of services.

3.3 **Contract Time.** Upon receipt of the Notification of Commencement, the CONSULTANT shall commence services to the TOWN on the Commencement Date, and shall continuously perform services to the TOWN, without interruption, in accordance with the time frames set forth above. The number of calendar days from the Commencement Date, through the date set forth in the Project Schedule for completion of the Project or the date of actual completion of the Project, whichever shall last occur, shall constitute the Contract Time.

3.4 **Liquidated Damages.** Unless otherwise excused by the TOWN in writing, in the event that the CONSULTANT fails to meet the contract time for completion of services as determined by the Project Schedule, the CONSULTANT shall pay to the TOWN the sum of dollars identified as mutually agreed upon for each and every calendar day of unexcused delay in which the CONSULTANT is late in performing required services until said services are provided. The TOWN shall be responsible for notifying the CONSULTANT within 15 calendar days of any delay defined by the TOWN as being unexcused. The CONSULTANT may claim extension if the factors involved are not under their direct control.

Any sums due and payable hereunder by the CONSULTANT shall be payable, not as a penalty, but as liquidated damages representing and estimate at or before the time of executing this Agreement. When the TOWN reasonably believes that completion will be inexcusably delayed, the TOWN shall be entitled, but not required, to withhold from any amounts otherwise due the CONSULTANT an amount then believed by the TOWN to be adequate to recover liquidated damages applicable to such delays. If and when the CONSULTANT overcomes the delay in achieving completion, or any part thereof, for which the TOWN has withheld payment, the TOWN shall promptly release to the CONSULTANT those funds withheld, but no longer applicable, as liquidated damages.

3.5 All limitations of time set forth in this Agreement are of the essence.

SECTION 4. AMOUNT, BASIS AND METHOD OF COMPENSATION

4.1 **Lump Sum Compensation.** TOWN agrees to pay CONSULTANT the following lump sum compensation for this Work Authorization:

- Task One- \$ 9,000
- Task Two- \$85,200
- Total \$94,200

4.2 **Hourly Rate Compensation.** For Task 3, TOWN agrees to pay CONSULTANT on an hourly rate basis, as needed, based on the Continuing Services Agreement rates approved by the Council up to a maximum of \$50,000.

4.3 **Reimbursable Expenses.** The following expenses are reimbursable at their actual cost: travel and accommodations, long distance telephone calls, facsimile, courier services, mileage (at a rate approved by the TOWN), photo and reproduction services. All document reproductions are also reimbursable, at a rate approved by the TOWN.

SECTION 5. BILLING AND PAYMENTS TO THE CONSULTANT

5.1 **Invoices**

5.1.1 **Compensation and Reimbursable Expenses.** CONSULTANT shall submit invoices which are identified by the specific project number 02-37 on a monthly basis in a timely manner. Invoices shall not exceed amounts allocated to the Project plus reimbursable expenses accrued during each phase. The statement shall show a summary of fees with accrual of the total and credits for portions previously paid by the TOWN. The TOWN shall pay CONSULTANT within thirty (30) calendar days of approval by the Town Manager of any invoices submitted by CONSULTANT to the TOWN.

5.2 **Disputed Invoices.** In the event that all or a portion of an invoice submitted to the TOWN for payment to the CONSULTANT is disputed, or additional backup documentation is required, the TOWN shall notify the CONSULTANT within fifteen (15) working days of receipt of the invoice of such objection, modification or additional documentation request. The CONSULTANT shall provide the TOWN with additional backup documentation within five (5) working days of the date of the TOWN'S notice. The TOWN may request additional information, including but not limited to, all invoices, time records, expense records, accounting records, and payment records of the CONSULTANT. The TOWN, at its sole discretion, may pay to the CONSULTANT the undisputed portion of the invoice. The parties shall endeavor to resolve the dispute in a mutually agreeable fashion.

5.3 **Suspension of Payment.** In the event that the TOWN becomes credibly informed that any representations of the CONSULTANT, provided pursuant to Subparagraph 5.1, are wholly or partially inaccurate, or in the event that the CONSULTANT is not in compliance with any term or condition of this Project Agreement, the TOWN may withhold

payment of sums then or in the future otherwise due to the CONSULTANT until the inaccuracy, or other breach of Project Agreement, and the cause thereof, is corrected to the TOWN's reasonable satisfaction.

5.4 **Retainage.** The TOWN reserves the right to withhold retainage in the amount of ten percent (10%) of any payment due to the CONSULTANT until the project is completed. Said retainage may be withheld at the sole discretion of the Town Manager and as security for the successful completion of the CONSULTANT'S duties and responsibilities under the Project Agreement.

5.5 **Final Payment.** Submission of the CONSULTANT'S invoice for final payment and reimbursement shall constitute the CONSULTANT'S representation to the TOWN that, upon receipt from the TOWN of the amount invoiced, all obligations of the CONSULTANT to others, including its consultants, incurred in connection with the Project, shall be paid in full. The CONSULTANT shall deliver to the TOWN all documents requested by the TOWN evidencing payments to any and all subcontractors, and all final specifications, plans, or other documents as dictated in the Scope of Services and Deliverable. Acceptance of final payment shall constitute a waiver of any and all claims against the TOWN by the CONSULTANT.

SECTION 6. TERMINATION/SUSPENSION

6.1 **For Cause.** This Project Agreement may be terminated by either party upon five (5) calendar days written notice to the other party should the other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination. In the event that CONSULTANT abandons this Project Agreement or causes it to be terminated by the TOWN, the CONSULTANT shall indemnify the TOWN against any loss pertaining to this termination. In the event that the CONSULTANT is terminated by the TOWN for cause and it is subsequently determined by a court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a termination for convenience under Section 6.2 of this Project Agreement and the provision of Section 6.2 shall apply.

6.2 **For Convenience.** This Project Agreement may be terminated by the TOWN for convenience upon fourteen (14) calendar days' written notice to the CONSULTANT. In the event of termination, the CONSULTANT shall incur no further obligations in connection with the Project and shall, to the extent possible, terminate any outstanding subconsultant obligations. The CONSULTANT shall be compensated for all services performed to the satisfaction of the TOWN and for reimbursable expenses incurred prior to the date of termination. The CONSULTANT shall promptly submit its invoice for final payment and reimbursement and the invoice shall comply with the provisions of Paragraph 5.1 of this Project Agreement. Under no circumstances shall the TOWN make any payment to the CONSULTANT for services which have not been performed.

6.3 **Assignment upon Termination.** Upon termination of this Project Agreement, a copy of all of the CONSULTANT's work product shall become the property of the TOWN and

the CONSULTANT shall, within ten (10) working days of receipt of written direction from the TOWN, transfer to either the TOWN or its authorized designee, a copy of all work product in its possession, including but not limited to designs, specifications, drawings, studies, reports and all other documents and data in the possession of the CONSULTANT pertaining to this Project Agreement. Further, upon the TOWN'S request, the CONSULTANT shall assign its rights, title and interest under any subcontractor's agreements to the TOWN.

6.4 **Suspension for Convenience.** The TOWN shall have the right at any time to direct the CONSULTANT to suspend its performance, or any designated part thereof, for any reason whatsoever or without reason, for a cumulative period of up to thirty (30) calendar days. If any such suspension is directed by the TOWN, the CONSULTANT shall immediately comply with same. In the event the TOWN directs a suspension of performance as provided for herein through no fault of the CONSULTANT, the TOWN shall pay to the CONSULTANT its reasonable costs, actually incurred and paid, of demobilization and remobilization, as full compensation for any such suspension.

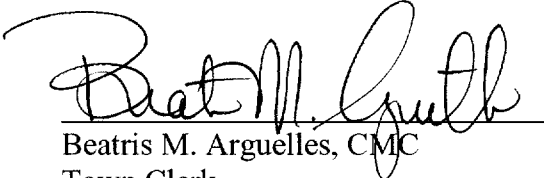
SECTION 7. INCORPORATION OF TERMS AND CONDITIONS OF CONTINUING SERVICE AGREEMENT

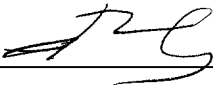
7.1 This Project Agreement incorporates the terms and conditions set forth in the Continuing Services Agreement dated May 15, 2002 between the parties as though fully set forth herein. In the event that any terms or conditions of this Project Agreement conflict with the Continuing Services Agreement, the provisions of this specific Project Agreement shall prevail and apply.

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ATTEST:

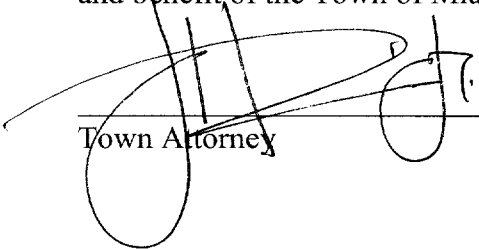
TOWN OF MIAMI LAKES


Beatris M. Arguelles, CMC
Town Clerk

By:  _____

Date: 5-27-04 _____

Approved as to form and legality for the use
and benefit of the Town of Miami Lakes only:



Town Attorney

ATTEST:

KIMLEY-HORN AND ASSOCIATES, INC.

Assistant Secretary

By: _____

R. Russell Barnes, III, P.E.
Vice President

Please type name of Assistant Secretary

Date: _____

WITNESSES:

Print Name: _____

Print Name: _____

Town of Miami Lakes- Royal Oaks Park- Phase One
PROPOSED MAN-HOURS AND FEE
 Task One- Design Submittal Reviews

TASK	Principal	Project Manager	Senior Manager	Engineer	Construction Observation	Senior Draftsman/CA DD Operator	Clerical	TOTAL
	\$170.00	\$150.00	\$125.00	\$100.00	\$75.00	\$75.00	\$50.00	
Prepare for and attend pre-construction conference/prep. Minutes	0	8	0	0	0	0	4	12
65% and 100% Plan reviews	\$0.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200.00	\$1,400.00
	0	32	4	32	0	0	4	72
Meetings and Coordination	\$0.00	\$4,800.00	\$500.00	\$3,200.00	\$0.00	\$0.00	\$200.00	\$8,700.00
	2	8	8	8	0	0	4	30
	\$340.00	\$1,200.00	\$1,000.00	\$800.00	\$0.00	\$0.00	\$200.00	\$3,540.00
	0	0	0	0	0	0	0	0
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	0	0	0	0	0	0	0	0
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	0	0	0	0	0	0	0	0
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	0	0	0	0	0	0	0	0
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Hours	2	48	12	40	0	0	12	114
Total Fee	\$340.00	\$7,200.00	\$1,500.00	\$4,000.00	\$0.00	\$0.00	\$600.00	\$13,640.00

Notes:

Labor Costs \$13,640.00
 Subs - MCHarry/Hillers \$5,000.00
 Expenses \$300.00
TOTAL FEE ESTIMATE \$18,940.00
 USE \$19,000.00

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TOWN OF MIAMI LAKES
Royal Oaks Park- Phase One
Estimate of On-site Representation Utilization
Based on RDC schedule of 5/17/04

Milestone/Activity

Estimated time

Estimated RDC Mobilization June 1,2204

BUDGET 660 HRS.

June

Clear and grub, Fill and grade site,
Fill and grade soccer fields

3 hrs day/ 22 days
= 66 hrs
Say 70 hrs for June

July

Complete filling site, relocate trees,
Start drainage, Install irrigation,
Start underground electric

3 hrs day/22 days
= 66 hrs
Say 70hrs for July

August

Complete drainage, underground elec.
Form and pour restroom building slab
w/ underground utilities.

4 hrs day/22 days
= 88 hrs
Say 90 hrs for August

September

Install sand base for field, fine grade fields,
Block work and tie beams for restroom bldg.
Install water and sewer, limerock base for parking
lot

4 hrs day/22 days
= 88 hrs
Say 90 hrs for Sept.

October

Pour concrete bleacher pads, install irrigation wells,
Parking lot lighting, first lift of asphalt on parking lot
Install irrigation heads, sprig fields, start pavilions, tie beams,
Columns and trusses for restroom building.

4 hrs day/21 days
= 84 hrs
Say 90 hrs for Oct.

November

Field grow in, dry in building, install roof, interior framing,
Rough plumbing, electrical, pour pavilion slabs

3 hrs day/22 days
= 66 hrs
Say 70 hrs.

December

Paint and complete pavilions, hang drywall and paint
Interior of restroom building, continue grow in.

3 hrs day/22 days
=66 hrs
Say 70 hrs.

January

Grow in of fields complete, install landscaping and sod
obtain co for pavilion,
Install fixtures for building, paint exterior, obtain co.

3 hrs days/22 days
= 66 hrs
Say 70 hrs.

February

Install second lift on parking lot, stripe, sign.

40 hours for
completion

PROJECT COMPLETE. 2/23/04