

GSA Design and Construction Services Analysis

Final Report

May 21, 2010

Miami-Dade County

Office of Strategic Business Management



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Executive Summary

This study concerns the General Services Administration's (GSA) Design and Construction Services Division, which includes four primary sections: (1) Renovation Services, (2) Construction Management, (3) Design Services, and (4) A&E Services, along with three smaller specialized units: (1) Special Projects Management, (2) Graphics, and (3) Contracts. The findings and recommendations contained in this report are focused on the three major business processes identified during the activity analysis phase of the project (Construction and Renovation, Construction Management and Billing), where the greatest gains in process improvement and associated cost reductions were anticipated.

Summary of Principal Study Findings and Recommendations

1. Work Scheduling/Crew Configuration

GSA uses crew supervisors to schedule assignments for their work crews and uses standard crew sizes for its various types of work (e.g. electrical, plumbing, carpentry, etc.). This job-by-job basis method of work scheduling is not based on estimates of job completion times derived from analysis of historical data. Further, the use of standard crew sizes does not take into account the specific requirements of each job.

- **Recommendation** - Use designated schedulers to estimate the time required for each job based on analysis of historical data and determine the appropriate crew configuration based on the specific requirements of each job.
- **Impact** - Based on the analysis contained in this report, the number of trades employees can be reduced by 25% resulting in an annual cost reduction of approximately \$1.5 million.

2. Job Order Contracting (JOC)

All 5 jurisdictions surveyed for benchmarking purposes (Broward County, Palm Beach County, Orange County, Fulton County GA, and Maricopa County, AZ) use some form of JOC to perform smaller repair and renovation work. GSA uses in-house forces, the existing Miscellaneous Construction Contract (MCC) 7040 Community Small Business (CSBE) Set-Aside Contract and Department of Procurement Management (DPM) contracts for individual trades, but does not use JOC, which eliminates procurement time for individual jobs.

- **Recommendation** - Work with DPM and other appropriate County agencies to implement JOC for work that is currently contracted-out to determine its actual cost and quality benefits. Based on this experience, use JOC in instances where a cost reduction would result.

- **Impact** - The *Center for Job Order Contracting Excellence* estimates that JOC will reduce costs by 8 – 15 percent over traditional procurement methods.

3. Labor Rates

The analysis shows that for the majority of job classifications in the Design and Construction Services Division, the Effective Billing Rate (Actual Hourly Rate Charged to User Department x Average Percent Billable Hours by Job Classification) does not cover operating costs. The annual shortfall, is estimated at \$2.2 million.

- **Recommendations:**

- GSA should ensure, to the extent practical, that the percent billable hours for its billable employees meets its 80% standard through staff reductions and curtailment of non-billable work.
- Billing rates for trades positions and some lower level professional positions should be increased, while remaining below market rates.

- **Impact** - The Design and Construction Services Division's budget should balance.

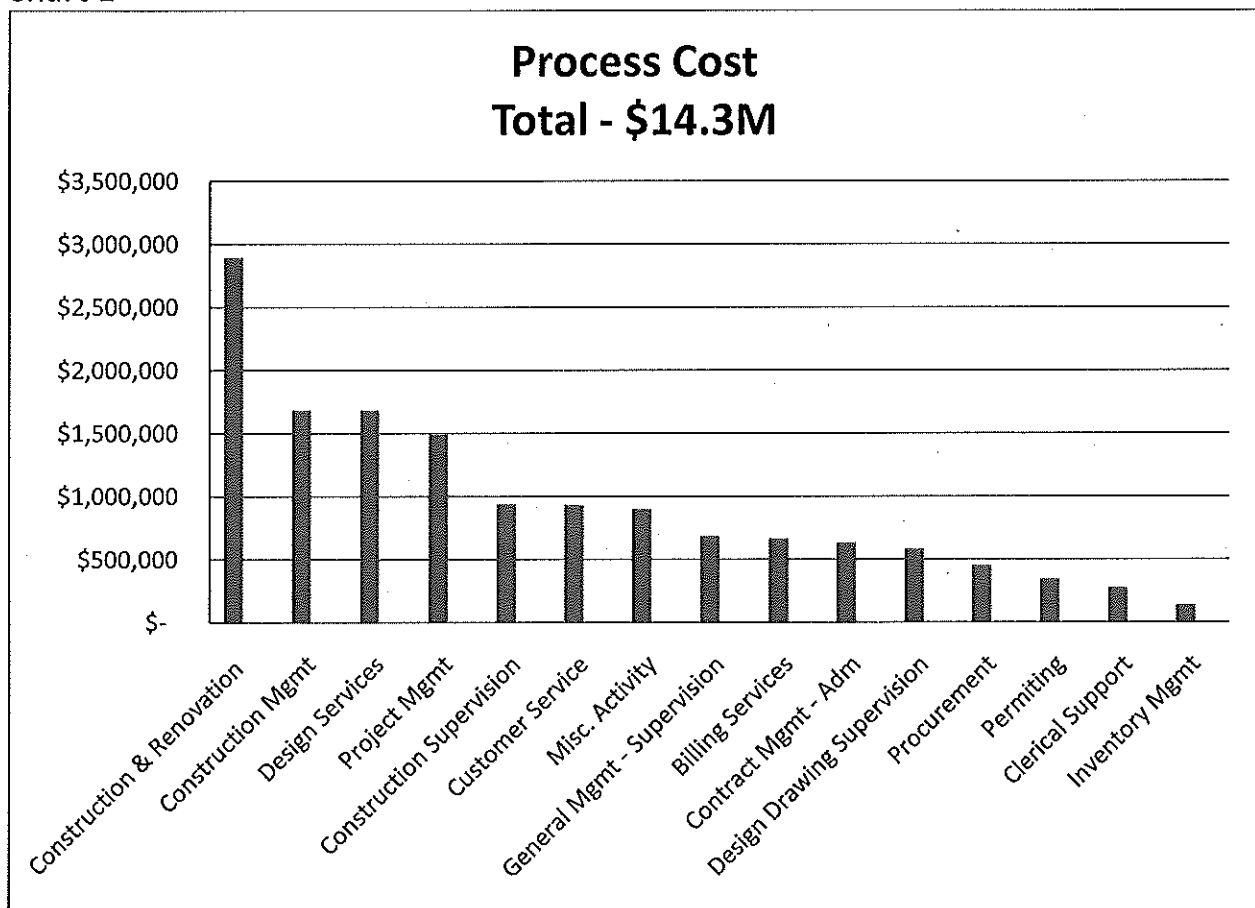
The Other Findings and Recommendations section of the report contains findings and recommendations related to the following topic areas:

- Organizational Structure
- Billing
- Funding Model
- Work Scheduling/Crew Optimization
- Project Cost Estimation in the Construction Management Section
- Large Scale Repair and Renovation Projects
- Internal Dialogue and Employee Empowerment

Introduction

The scope of this project was to evaluate the GSA Design and Construction Services Division's overall organizational structure and the efficiency of its component sections (i.e. Construction Management, A&E Services, Design Services and Renovation Services). Particular areas of interest included: (1) billing, (2) cost allocation, (3) cost recovery, (4) managing fluctuations in service demand, and (5) establishment of performance standards and targets. The results of the activity analysis indicated that 4 of 15 processes identified by GSA management accounted for 54% of the overall division expenditures (see Chart 1 below). Based on this outcome, it was jointly determined by OSBM and GSA that the remainder of the analysis should focus on the Construction and Renovation and Construction Management processes. The billing process was also included, as management had concerns about the adequacy of their billing rates and the efficiency of the billing process itself.

Chart 1



Benchmarking

Five similar jurisdictions were selected to provide comparison data for the selected processes. The jurisdictions surveyed are shown in Table 1 below, which contains benchmarking highlights related to the findings and recommendations included in this report.

Table 1

	Miami-Dade County	Broward County	Palm Beach County	Orange County	Fulton County, GA	Maricopa County, AZ
General Fund Funding Model		✓		✓	✓	✓
Charge Back Funding Model	✓		✓			
Job Order Contracting		✓	✓	✓	✓	✓
In-House A&E Services	✓					
Purchasing Cards	✓	✓		✓	✓	
Outside Cost Estimators	✓	✓				✓

There are two striking findings from the benchmarking: (1) Miami-Dade County GSA is the only entity surveyed that does not use Job Order Contracting (JOC) to perform recurring construction and renovation work, and (2) Miami-Dade County GSA is the only entity surveyed that uses in-house forces to perform architectural and engineering work.

Private Sector Labor Rates - Benchmarking data on retail labor rates for trades positions was also gathered as part of this analysis (see Attachment 1 - Private Sector Rates Sheet). For carpenters, locksmiths and masons, very little data was available since these trades most often charge on a per unit basis, similar to JOC or they charge by the job where the grade of materials may be the largest driver of project cost. The remaining trades were able to provide comparable hourly rates. In most cases GSA's labor rates are significantly below the retail market rates (i.e. HVAC, Plumber, Electrician). The exception is painting, where the GSA rate is \$26 higher than the average retail market rate.

Architectural, engineering and construction management rates are running at about \$150 per hour, based on recent GSA vendor charges.

Public Sector Labor Rates - Since the other jurisdictions surveyed use a general fund funding model, as opposed to charging user departments on an hourly basis for their work, and the one other jurisdiction that does charge back (Palm Beach) does not have in-house trades people, public sector trades data was unavailable for comparison. Two of the jurisdictions, Orange and Palm Beach counties, do on occasion charge proprietary departments for project management work on an hourly basis. Data provided on their project management charges shows that GSA at \$95 per hour is within the range of \$71 and \$100 per hour for project management rates (see Attachment 2 - Public Sector Hourly Rates).

Principal Findings and Recommendations

1 - Work Scheduling/Crew Configuration

With the exception of Plumbers and HVAC Mechanics performing preventive maintenance, the standard crew configuration for the Repair and Renovation Services Section is a 2 person crew. Time estimates for the various jobs performed by this section are developed by crew supervisors, typically on a job-by-job basis. During the benchmarking analysis, the OSBM project team found that this business practice, along with the predetermined crew configurations, drive up the overall costs of repair and renovation services.

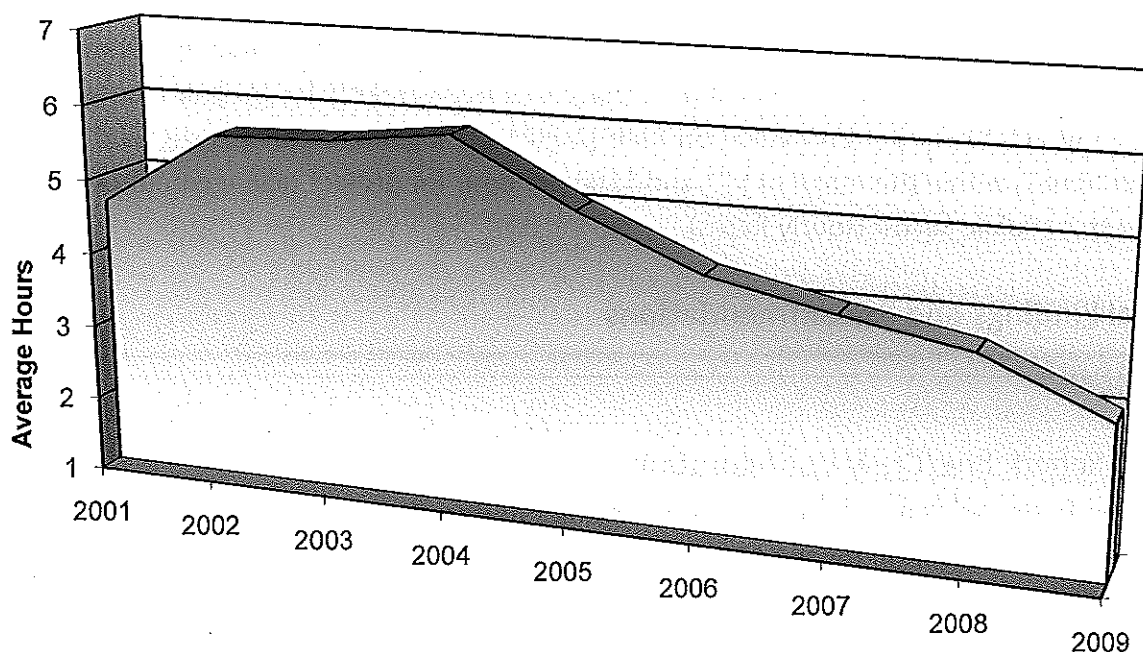
Broward County has successfully reduced the costs of their repair and renovation services by using designated Work Schedulers to:

- Estimate the time required for all repair and renovation jobs based on historical job completion data, and
- Determine crew configurations on a job-by-job basis according to the nature of each job, and the time required to complete it.

Broward County implemented these business practices in 2004. In the first year, the average time required to complete a repair and renovation work order was reduced by 16%. Between 2004 and 2009, Broward reduced the average time required to complete a repair and renovation work order by approximately 50% (See Chart 2 below). In Miami-Dade County, equivalent time reductions would have the potential to produce annual County-wide cost savings of approximately \$1.5 million for repair and renovation services, by the end of the first year after implementation.

Chart 2

Broward County Average Hours per Maintenance Work Order



The OSBM project team obtained a report that listed all the jobs performed by GSA's Renovation Services Section from April 1st 2009 to April 1st 2010. This report was sent to Broward County's Work Schedulers, who estimated how many crew members they would assign to a sample of the jobs listed on this report (See Attachment 3 – Broward County Crew Size Comparison). Based on Broward's feedback, we estimate that if the work demand remains constant, there is potential for the Repair and Renovation Services Section to reduce the staffing level of its crews by approximately 25%.

➤ Recommendations:

- Assign 2 FTE's to play the role of independent Work Schedulers within the Repair and Renovation Services Section. Use a portion of the anticipated County-wide savings for repair and renovation services to fund the positions. These individuals would be responsible for:
 - Determining the time requirement and crew configuration for each repair and renovation work order,
 - Developing the daily work schedules for all repair and renovation crews, and
 - Tracking the extent to which the crews are completing their daily work assignments on time.

- Use recent actual completion times under this recommended process to estimate time requirements for upcoming jobs. This is known as “Time Slotting”.
- Use output and on-time job completion as key performance indicators for annual performance evaluations of crew members.
- After the above recommendations are successfully implemented, if work demand is not expected to increase in the foreseeable future, reduce staffing for repair and renovation crews by 25%.

2 - Job Order Contracting

All 5 jurisdictions surveyed during OSBM’s benchmarking analysis use some form of Job Order Contracting to perform a portion of “smaller” repair and renovation jobs (see Appendix 1 for sample Job Order Contract).

Here is how it works:

- The governing organization sets unit costs for all the types of jobs that would be contracted out through job order contracting. The unit costs should be set at a level that would yield savings to the governing body, even after the potential contractors add a reasonable profit margin to the established unit costs.
- The governing body then conducts a single solicitation for contractors who would agree to perform the contracted jobs at the established rates, plus a reasonable profit margin. Once contracts are awarded, no additional solicitations are necessary. It is generally recommended that one contractor be used for job order contracting. However, some jurisdictions have had success using several contractors, each of whom would perform repairs and renovations for specific types of facilities, or within designated geographic zones.

According to industry specialists from the *Center for Job Order Contracting Excellence*, job order contracting reduces the cost of repair and renovation services by an average of 8% to 15%.

GSA uses in-house forces, the existing MCC 7040 CSBE Set-Aside Contract and Department of Procurement Management (DPM) contracts for individual trades, but does not use JOC.

➤ **Recommendations:**

- GSA should work with DPM and other appropriate County agencies to implement job order contracting for the jobs that are currently “bid out” by the Repair and Renovation Services Section.
- Compare the costs of job order contracting with current costs for identical jobs. Also compare the quality of contracted jobs with identical jobs performed by GSA crews.

- If the costs associated with job order contracting are found to be consistently lower than the current costs for identical jobs with no loss of quality, expand the use of job order contracting.

3 - Labor Rates

The hourly labor rates charged by GSA are divided into 4 groups relative to skill sets and level of responsibility and range from \$55 per hour to \$95 per hour (see Attachment 4 - GSA rate sheet). An analysis of the current rates by job classification was performed to determine whether current rates are covering direct and indirect costs (see Attachment 5 – Sheet 1 - Direct and Indirect Costs). The analysis uses salaries and fringe benefits costs as direct costs and spreads the cost of non-billable administrative functions across all billable positions on an hourly basis. Other overhead costs such as rent, fleet and equipment are also spread evenly across all billable positions on an hourly basis to build a full cost hourly rate for each job classification.

Using billable hours data from GSA, the average percent billable hours were calculated for billable job classifications. This percentage rate, when applied to the actual billing rates charged to user departments yields an “Effective Billing Rate” (EBR). For example, if the actual billing rate is \$65 per hour and the average percent billable hours for a particular class of employee is 80%, the EBR for employees in that class is \$52 (\$65 billing rate x 80% billable hours = \$52 EBR). Therefore, for every hour of total cost expended by GSA for a particular job classification, the corresponding amount of revenue received is the EBR. The difference between the total cost rate and the EBR indicates whether the EBR is covering total costs.

The analysis shows that for the majority of employee classifications the EBR is not covering total costs. On an annual basis, the existing cumulative difference per hour translates into an approximate \$2.2 million revenue shortfall. The shortfall is driven by: (1) percent billable hours below the 80% GSA standard for many job classifications, and (2) inadequate billing rates, primarily for trades jobs. If GSA were to increase the percent billable hours for all job classifications to 80% and leave billing rates constant, the projected annual shortfall would be approximately \$1 million, a reduction of \$1.2 million (see Attachment 5 - Sheet 2 - 80% Scenario). Further, if below market rate increases were applied to the billing rates for trades, simultaneously with improving the overall percent billable hours rate to 80%, the projected revenue shortfall would be reduced to about \$100,000, an additional reduction of approximately \$900,000 (see Attachment 5 Sheet 3 – 80% Billable – Plus Increase in Trades Rates.) Furthermore, if billing rates for selected lower level professional job classifications, where the Division is currently sustaining a loss, were increased to eliminate the loss while remaining below market, a modest carryover of approximately \$200,000 is projected (see

Attachment 5 – Sheet 4 – 80% Billable – Plus Increase in Multiple Rates.) During the analysis, the highest billing rate was kept below \$100 per hour, however, maintaining this psychological barrier to rate increases may not be sustainable in the long-term for some higher level professional positions.

➤ **Recommendations:**

- GSA should ensure that, with the exception of section managers, billable employees achieve the 80% billable hours standard either through: (1) staff reductions that result in more work shared among fewer employees, (2) curtailing performance of non-billable work, or (3) a combination of the two.
- Billing rates for trades and selected lower level professional positions, where current rates are not covering costs, should be increased, while remaining below market rates.

Other Findings and Recommendations

4 - Organizational Structure

Findings from the benchmarking effort indicate that there are two fundamental differences between the way Miami-Dade County's Design and Construction Services Division is organized and that of the other jurisdictions surveyed. Although some of the jurisdictions reported having some in-house trades people to perform preventive maintenance and small capital maintenance repairs, none of them have the equivalent of our Renovation Services Section totaling 68 full time employees and 15 temporary workers. The same is true of our Architectural and Engineering Services Section, which employs 24 full time personnel (see Attachment 6 – GSA Staffing Chart).

- **Recommendation** - Since the Design and Construction Services Division is self funded, provided that work is available and hourly rates fully cover labor and overhead costs, there is no need to consider reorganization. If, however, work is not available or becomes more cyclical, greater reliance on outside firms for renovation and A&E work should be considered.

5 - Billing

During the process analysis working sessions held with GSA staff, several issues surfaced regarding the billing function: (1) there are no written procedures for employees to follow when reviewing an invoice, which creates confusion and results in inefficiencies, (2) communication between GSA and the County Finance Department on invoice issues is

inadequate, and (3) the invoice review process is very lengthy (from 3 to 8 days). During the work sessions with GSA billing employees the number of touch points for some types of invoices exceeded 30 (e.g. Construction Management Services).

The GSA billing system processes billing entries on pages containing 15 entries per page. Later in the analysis, it came to OSBM's attention that some legitimate billing entries to user departments have been held back due to minor billing errors with other entries on the same page. In the past this problem has resulted in delayed receipt of revenues between fiscal years. In addition to the billing rate issues discussed above, this delay in billing may explain some of the budget imbalance for FY2008-09 (see Attachment 7 - DCSD Revenues and Expenditures).

➤ **Recommendations:**

- Transmit all legitimate billing entries to user departments before correcting problem entries.
- Develop written procedures for invoice reviewers to follow.
- Work with the Finance Department to establish an invoice/purchase order reviewer training program, with particular emphasis on timely and effective communication surrounding process changes.
- Use electronic signature technology to speed-up the invoice review and approval process.
- Reevaluate the need for multiple levels of invoice review and approval to reduce touch points.
- Establish a formal system to pass new procedures from the Finance Department to all billing staff.

6 - Funding Model

As mentioned in the benchmarking section, GSA uses a charge back funding model to recover project costs from general funded user departments. Other jurisdictions (Broward, Orange, Maricopa and Fulton) use a general fund model where all capital projects are aggregated and prioritized annually, then funded from a single source. Since with either funding model the ultimate source of project funding is the general fund, the impact on the general fund from using either model should be about the same.

The general fund model moves the prioritization of projects from user departments to a centralized entity like the local governing body, funding agency, GSA or a combination thereof. The charge back model does the opposite, placing the prioritization function squarely with the user department. Based on the activity analysis data, we estimate that staff within the Design and Construction Services Division spend approximately 4 percent of their work day accounting for their time. This translates into an annual cost of approximately \$540,000, not including the

interdepartmental accounting function. The time accounting information, however, does allow the Division to monitor labor utilization in the form of billable hours. Under the general fund model, GSA would have to rely on managers and supervisors to determine labor utilization, which is less objective. Therefore, determining which model is better is largely a subjective exercise.

➤ **Recommendations:**

- Recognize that other large jurisdictions use a general fund model, which is more centralized in its approach to capital projects prioritization and funding. This alternative funding model should be kept in mind for future consideration.
- The cost for obtaining objective labor utilization data is significant, so GSA should fully utilize this data to make staffing decisions.

7 – Work Scheduling/Crew Optimization

Under the Repair and Renovation Section's current business model, crews generally report to a central location each morning to receive their work assignments and stock their vehicles with appropriate materials, after which they drive to their first job. At the end of each work day, they return to the central location prior to going home. This practice causes the crews to lose approximately 1 to 2 hours of productive time each day.

When repair and renovation crews find themselves in need of a specific item to complete their work at a job site, they are often required to drive long distances to a County authorized supplier to obtain the needed material. This causes considerable delays for the department receiving the repair and renovation service, and significant downtime for the crews. It should be noted that GSA currently has a "P-Card", which would allow an employee to purchase materials at any conveniently located store; however, it is not widely available and used very infrequently.

➤ **Recommendations:**

- Stock crews' vehicles with an ample inventory of typically used materials rather than having the crews stock their vehicles on a daily basis.
- Whenever it is logistically possible, allow crews to report directly to their job sites.
- Make P-Cards available to all crews; but develop strict control procedures that would make individuals immediately responsible for misuse of these cards.

8 - Project Cost Estimation in the Construction Management Section

Cost estimates for construction projects are currently developed on a project by project basis by various professionals in the Construction Management Section. There are no standard procedures for estimating construction costs. This business practice compromises consistency in construction cost estimates.

➤ **Recommendations:**

- Develop a standard procedure for construction cost estimation that is based on industry best practices. Here are some examples:
 - Develop and make use of a centralized construction cost database. This database could be populated with actual historical construction costs for various types of projects.
 - Make use of available construction cost estimating software, like RS Means.
- Consider reconfiguring staff responsibilities within the Division to provide for a dedicated cost estimating function.
- Also consider using an outside professional services contractor to prepare detailed construction cost estimates when needed.

9 - Large Scale Repair and Renovation Projects

Approaches to large scale repair and renovation projects are currently developed within the Repair and Renovation Services Section. GSA's management team indicated that significant efficiencies and cost savings could be achieved if approaches to large scale repair and renovation projects were developed after obtaining input from multiple sources within GSA. The idea here would be to "bring together" the appropriate disciplines to develop approaches for complex projects.

➤ **Recommendation:**

- Develop a working group that would meet frequently (weekly or bi-weekly, for example) to develop approaches for complex projects. OSBM recommends that this group include representatives from Architecture & Engineering, Construction Management, Repair and Renovation Services, Building Maintenance, and when appropriate, a representative from the Department where a complex project will take place.

10 - Internal Dialogue and Employee Empowerment

During performance analysis work sessions, a desire on the part of Division employees for more internal dialogue regarding the progress and approach to projects was identified. Further, many employees wanted to gain additional knowledge and skills in their field and better understand management expectations.

- **Recommendation:** The Design and Construction Services Division should establish a forum for employees to express their views and opinions on the progress and approach to current projects, similar to the programs established in Broward County (Milestone Stand-up Review, Story Board process for project development, Peer Review Process and regularly scheduled staff meetings). It is recommended that GSA managers visit with their Broward counter parts and observe some of these activities in person.

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ATTACHMENTS

1. Private Sector Labor Rates 2010
2. Public Sector Labor Rates 2010
3. GSA Renovation Services Section Crew Size Comparison with Broward County, Florida
4. GSA Labor Rates FY2010-11
5. Design and Construction Services Division Cost Analysis Scenarios
6. Design and Construction Services Division TO/Staffing Chart
7. Design and Construction Services Division Revenues and Expenditures by Section for FY2008-09

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Attachment 1
GSA Design and Construction
Private Sector Rates 2010

Trade	Phone	Service Rate per Hour	Average Rate by Trade	GSA Rate	Difference from Average
HVAC Mechanic (Group 2)					
Ed Helms	305.651.3652	\$94	\$86	\$65	-\$21
Kwik Cool	305.251.1125	\$80			
South Dade	305.258.8898	\$85			
Cool Breeze	305.226.2665				
Plumber (Group 2)					
South End	305.235.7177	\$80	\$91	\$65	-\$26
Coral Gables	305.254.3434	\$100			
Bay	305.446.8141	\$94			
Electrician (Group 2)					
Ed Helms	305.651.3652	\$94	\$87	\$65	-\$22
Benson	305.235.6741	\$85			
Austen	305.231.7577	\$83			
Carpenter (Group 2)					
Round-Tuit	305.259.1950	\$89	\$89	\$65	-\$24
This work is most often charged on a per job basis including time and materials.					
Locksmith (Group 2)					
Dade Lock and Key	305-666-3446	\$90	\$90	\$65	-\$25
This work appears to be charged on a per unit basis, similar to Job Order Contracting.					
Painter (Group 1)					
King Construction	305.255.3881	\$35	\$29	\$55	\$26
AVR	305.490.0819	\$12			
Miami Quality	786.239.0118	\$40			
Mason (Group 1)					
3C Construction	305.638.5511	\$24	\$24	\$55	\$31
This work appears to be charged on a per unit basis, similar to Job Order Contracting.					

Attachment 2
GSA Design and Construction
Public Sector Sector Hourly Rates 2010

	Miami-Dade County, Florida	Orange County, Florida	Palm Beach County, Florida
Project/Construction Manager	\$95.00 ¹ \$75.00 ²	\$71.47 ³	\$100.00 ⁴
Project Coordinator		\$39.40	
Field Inspector			\$80.00

¹ - Construction Manager 2

² - Construction Manager 1

³ - Service to proprietary fund only; General Fund funding model

⁴ - All other services contracted out

Attachment 3

GSA's Renovation Services Section from April 1st 2009 to April 1st 2010 - Broward County Crew Size Comparison

GSA DCS RENOVATION SERVICES DETAIL NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401				DATE RECEIVED			HOURS		SHOP PEOPLE	
TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION							
2 CARPENTRY SHOP (IN-HOUSE)	CAA (801 NW 17 STREET) LEAK BENETH SINKLOW WATER PRESSURE	E080162		20091002			16		1	
2 CARPENTRY SHOP (IN-HOUSE)	PARKING GARAGE #5- EMERGENCY REPAIRS TO DAMAGED STEEL RESTRAINT/BEAM.	E080168		20091125			44			
2 CARPENTRY SHOP (IN-HOUSE)	HR (2902 NW 2 AVE) (2) BROKEN SHUTTERS	E080175		20091229			1			
2 CARPENTRY SHOP (IN-HOUSE)	GSA (10710 SW 211 STREET) REPLACE BROKEN EXTERIOR GLASS NEAR ROOF	E080184		20100222			6			
2 CARPENTRY SHOP (IN-HOUSE)	DHS EDISON NSC-REPLACE SEVERAL BROKEN WINDOWS INCLUDING GLASS STRIPS AT THE 2 DOORS	E080186		20100908			33.5			
2 CARPENTRY SHOP (IN-HOUSE)	DHS CULMER NSC - DOOR LOCK IS BROKEN AND ALARM CAN NOT BE SET UNTIL REPAIRED	E080187		20100308			6		1	
2 CARPENTRY SHOP (IN-HOUSE)	MDPD: KENDALL STATION- INSTALL A BACKFLOW PREVENTOR.	E80137		20090303			28			
2 CARPENTRY SHOP (IN-HOUSE)	GSA (980 W 84 STREET) WALL AT COUNTY STORE WAS BACKED INTO	E80139		20090330			50.5			
2 CARPENTRY SHOP (IN-HOUSE)	DHS KENDALL COMPLEX- COTTAGE #9 ROOF REPAIRS.	E80146		20090622			32			
2 CARPENTRY SHOP (IN-HOUSE)	ADVOCACY-SINK HOLE DEVELOPED IN COURT YARD OF THE FACILITY/GROUND AROUND OR BESIDES DR	E80147		20090622			6			
2 CARPENTRY SHOP (IN-HOUSE)	GSA (2225 NW 72 AVE) WAREHOUSE A/C NOT WORKING	E80150		20090708			8		1	
2 CARPENTRY SHOP (IN-HOUSE)	FINANCE - CASH REGISTER LOCK NEEDS REPAIR	S095045		20090928			5		1	
2 CARPENTRY SHOP (IN-HOUSE)	GSA (175 NW 1ST AVE) LOCK BROKEN/REPAIR- COURTROOM29A	S095123		20090929			4		1	
2 CARPENTRY SHOP (IN-HOUSE)	JUDICIAL ADMIN (11 E 6TH AVE) INSTALL FLAT TV MONITORS/WAITING AREAS	S095127		20090930			18		2	
2 CARPENTRY SHOP (IN-HOUSE)	GSA (1480 NW N. RIVER DRIVE) FILL VARIOUS HOLES IN LOT	S095129		20090930			11			
2 CARPENTRY SHOP (IN-HOUSE)	JUDICIAL ADMIN (11 E 6TH AVE) INSTALL FLAT TV MONITORS/WAITING AREAS	S095131		20090930			17		2	
2 CARPENTRY SHOP (IN-HOUSE)	(GSA/175NW/5 RIVERDR) CARPENTER STOCK INTERNAL TRANSFER	S100007		20091001			34.5			
2 CARPENTRY SHOP (IN-HOUSE)	(GSA/175NW/5 RIVERDR) CARPENTER STOCK INTERNAL TRANSFER	S100011		20091001			1			
2 CARPENTRY SHOP (IN-HOUSE)	BCCO (140 W FLAGLER) INSTALL KEY PAD ON 14TH FLOOR	S100014		20091001			13		1	
2 CARPENTRY SHOP (IN-HOUSE)	HR (111 NW 1 STREET) FIX DOOR IN SUPPLY ROOM	S100022		20091002			8.5		1	
2 CARPENTRY SHOP (IN-HOUSE)	HR (825 W PALM DRIVE) RE-KEY UNITS	S100030		20091002			39		1	
2 CARPENTRY SHOP (IN-HOUSE)	FINANCE (111 NW 1ST STREET) NEED 5 KEYS FOR FILE ROOM	S100033		20091002			1.5		1	
2 CARPENTRY SHOP (IN-HOUSE)	HR (653 SW 4 STREET) SEAL HOLE TO PREVENT INSECTS	S100036		20091002			30			
2 CARPENTRY SHOP (IN-HOUSE)	GSA NEWLY PURCHASED HOUSE 13225 SW 253 TERRACE.	S100038		20091002			32			
2 CARPENTRY SHOP (IN-HOUSE)	HR (1600 NW 3 AVE) PATCH SEVERAL HOLES IN WALL	S100039		20091007			18			
2 CARPENTRY SHOP (IN-HOUSE)	HR (825 W PALM DRIVE) KEYS TO UNIT LOCKS NOT WORKING	S100100		20091007			17.5			
2 CARPENTRY SHOP (IN-HOUSE)	HR: CREATE WINDOW ACCEPTANCE STATION ON THE PAYROLL UNIT EXPAND VISUAL RANGE TO OVERSI	S100102		20091007			42.5			
2 CARPENTRY SHOP (IN-HOUSE)	HR (13955 SW 264 STREET) RE-SEAL BASE BOARD IN AC ROOM	S100105		20091008			33			
2 CARPENTRY SHOP (IN-HOUSE)	HR (1600 NW 3 AVE) BOARD UP WINDOW AREA. ALUMINUM WAS RIPPED AWAY	S100106		20091008			7			
2 CARPENTRY SHOP (IN-HOUSE)	GSA (6100 SW 87 AVE) CUT THROUGH WALL TO OUTSIDE BAY,INSTALL DOUBLE STEEL DOORS/W DEADB	S100107		20091008			82			
2 CARPENTRY SHOP (IN-HOUSE)	P/W (700 SOLANO PRADO) REMOVE CEILING	S100109		20091008			26.5			
2 CARPENTRY SHOP (IN-HOUSE)	ETSD (6601 NW 72 AVE)REPAIR WALL AT PALMETTO RAILYARD SITE/MOISTURE DAMAGE	S100113		20091008			44			
2 CARPENTRY SHOP (IN-HOUSE)	HR (2902 NW 2 AVE) REMOVE SEAT FROM DOMINO KIOSK	S100114		20091008			9			
2 CARPENTRY SHOP (IN-HOUSE)	DHS (1600 NW 3RD AVE) INSTALL POLYTHENE SHEATING OVER AREAS MOLD IS VISIBLE	S100115		20091009			3			
2 CARPENTRY SHOP (IN-HOUSE)	BMO (111 NW 1 STREET) REPAIR SIDE WALK TILES ON PERIMETER OF SPOC	S100124		20091009			109			
2 CARPENTRY SHOP (IN-HOUSE)	CAA (14835 FILMORE LANE) MOLD MILDEW IN STORAGE CLOSET/PORTABLE #6	S100138		20091013			20.5			
2 CARPENTRY SHOP (IN-HOUSE)	PWD (960 STILLWATER DRIVE) REPAIR/REPLACE BROKEN RESTROOM WINDOW	S100150		20091013			7.5			
2 CARPENTRY SHOP (IN-HOUSE)	GSA: RIE SECURE NEWLY PURCHASED HOUSE FOR 10784 SW231 TERRACE. FOLIO# 30 6018 026 0700. URI	S100152		20091013			20			
2 CARPENTRY SHOP (IN-HOUSE)	AOC (1351 NW 12 STREET) CHANGE LOCKS IN JURY ROOM 3-2 AND 4-5	S100158		20091014			7.5			
2 CARPENTRY SHOP (IN-HOUSE)	HR (11025 SW 84 STREET) WALLS IN COTTAGES #2 AND #12 NEEDS TO BE CLOSED	S100162		20091014			21			
2 CARPENTRY SHOP (IN-HOUSE)	HR (690 NW 116 STREET) WOMEN'S BATHROOM DOOR NOT LOCKING	S100163		20091014			3			
2 CARPENTRY SHOP (IN-HOUSE)	PWD (701 SOLANO PRADO/OFF OLD CUTLER RD) REPLACE RUSTED TOILET TISSUE HOLDER & RAILS ON	S100171		20091016			7			
2 CARPENTRY SHOP (IN-HOUSE)	HR (2902 NW 2 AVE) SHUTTERS IN MAIN BLDG. STUCK	S100172		20091016			5			
2 CARPENTRY SHOP (IN-HOUSE)	HR (13955 SW 264 STREET) RE-KEY TWO DOORS	S100189		20091016			4			
2 CARPENTRY SHOP (IN-HOUSE)	HR (1600 NW 6 CT) RE-KEY LOCKS FOR UNIT	S100190		20091016			8			
2 CARPENTRY SHOP (IN-HOUSE)	GSA: (24042 SW 107 AVE) SECURE HOUSE/FOLIO NO.30- 6019-011-4570) AND CHANGE LOCKS	S100205		20091019			40.5			
2 CARPENTRY SHOP (IN-HOUSE)	GSA: NSP HOME INSPECTION REPAIR FOR ROUND10 FOR 22831 SW 123 AVE. FOLIO# 30 6913 011 1895.	S100209		20091019			18			
2 CARPENTRY SHOP (IN-HOUSE)	ART MUSEUM (101 W FLAGLER STREET) CHANGE ALL KEY PAD CODES 101 & 19 WEST	S100210		20091019			3.5			
2 CARPENTRY SHOP (IN-HOUSE)	GSA (1351 NW 12 STREET) COMPUTER ROOM MAIN DOOR 2 LOCKS 2 DOORS	S100221		20091019			7.5			
2 CARPENTRY SHOP (IN-HOUSE)	HR (1600 NW 3 AVE) COVER WATER FOUNTAIN AREA	S100223		20091019			16			

Attachment 3

GSA's Renovation Services Section from April 1st 2009 to April 1st 2010 - Broward County Crew Size Comparison

TASK #	TASK DESCRIPTION	WO/ST	NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401	WOIST	WOIST DESCRIPTION	DATE RECEIVED	HOURS	SHOP PEOPLE
2	CARPENTRY SHOP (IN-HOUSE)	S100224	HR (1600 NW 3 AVE) REPLACE ALUMINUM LOUVERS THAT WAS REMOVED			20091019	12	
2	CARPENTRY SHOP (IN-HOUSE)	S100236	(ETSD/17602 SW 264 ST) A/C PM			20091020	3.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100245	HR (11930 SW 202 STREET) BROKEN LOCK IN MAILBOX			20091020	2.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100269	BMO/GSA (111 NW 1 STREET) REPLACE TILES ON SIDE WALK			20091021	57	
2	CARPENTRY SHOP (IN-HOUSE)	S100272	PWD: RECOVER MICA ON COUNTER IN GUARDHOUSE. COVER SHELF SPACE WITH MICA.REPAIR PEELING			20091021	22	
2	CARPENTRY SHOP (IN-HOUSE)	S100273	PWD: INSTALL LEG OR OTHER SUPPORT FOR RESTROOM WALL SINK.			20091021	5	1
2	CARPENTRY SHOP (IN-HOUSE)	S100275	GSA (22301 SW 123 DRIVE) BOARD UP HOUSE/CHANGE LOCKS FOLIO# 30-6913-029-0230			20091022	35	
2	CARPENTRY SHOP (IN-HOUSE)	S100279	GSA/FUMD (5680 SW 87 AVE) PROVIDE AND INSTALL EXIT DEVICE ON BURSTING ROOM DOOR			20091022	11.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100279	GSA (1469 NW 13 TERRACE) RE-KEY BATHROOM LOCKS			20091022	9.5	1
2	CARPENTRY SHOP (IN-HOUSE)	S100283	HR (1897 NW 20 STREET) TILE OF FLOOR HAS LIFTED			20091022	24	2
2	CARPENTRY SHOP (IN-HOUSE)	S100293	HR (2902 NW 2 AVE) A/C NOT COOLING			20091022	4.5	1
2	CARPENTRY SHOP (IN-HOUSE)	S100295	HR (19590 OLD CUTLER RD) REPLACE WATER DAMAGED CEILING TILES			20091022	10	2
2	CARPENTRY SHOP (IN-HOUSE)	S100297	ELEC (VARIOUS LOCATIONS) INSTALL ADA RAMPS AT POLLING LOCATIONS FOR MUNICIPAL ELECTIONS			20091022	71.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100320	HR (1600 NW 3 AVE) HANDLE ON OUTSIDE OF PUSH BAR DOOR IS MISSING A COVER/SHARP OBJECT PRC			20091023	11	
2	CARPENTRY SHOP (IN-HOUSE)	S100321	HR (1600 NW 3 AVE) NEED KEY TO SECURE AND UNLOCK DOORS			20091023	8.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100330	DHS: S DADE ADULT DAYCARE CENTER - REPAIR EXTERIOR TUCKO SEE JIM TORRES FOR DETAILS			20091023	28	2
2	CARPENTRY SHOP (IN-HOUSE)	S100332	DHS: S DADE ADULT DAYCARE CENTER - REPLACE DAMAGED EXTERIOR WOOD/ SEE JIM TORRES FOR DE			20091023	22.5	2
2	CARPENTRY SHOP (IN-HOUSE)	S100348	HR (7900 NW 27 AVE) UNABLE TO SECURE SAFE			20091023	11	1
2	CARPENTRY SHOP (IN-HOUSE)	S100350	FLEET (6100 SW 87 AVE) BAY 4 ROLL UP DOOR IS NOT CLOSING OR OPENING			20091026	2	
2	CARPENTRY SHOP (IN-HOUSE)	S100351	MAM (101 W. FLAGLER & 17 WEST) CHANGE KEY PAD CODE			20091026	2	
2	CARPENTRY SHOP (IN-HOUSE)	S100352	GSA (11805 SW 26 STREET) REPLACE A LOCK ON ONE OF THE MAIN DOOR AT MDPIG			20091026	3	
2	CARPENTRY SHOP (IN-HOUSE)	S100418	CONSUMER SERV. (140 W FLAGLER) FIX DOOR IN LICENSING AREA			20091026	3	
2	CARPENTRY SHOP (IN-HOUSE)	S100437	HR (11950 SW 202 STREET) MAILBOX LOCK IS BROKEN APARTMENT #223			20091028	1	
2	CARPENTRY SHOP (IN-HOUSE)	S100445	COC (22 NW 1 STREET) WINDOW #5 BOTTOM DRAWER LOCK IS BROKEN			20091029	3.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100448	GSA (2941 NW 43 TERR) RE-KEY AND PROPERLY SECURE HOUSE(FOLIO# 30-3121-026-1830)			20091030	9	
2	CARPENTRY SHOP (IN-HOUSE)	S100449	GSA (11805 SW 26 STREET) INSTALL DOOR ALARM IN EXIT DOOR IN RM 355			20091030	30.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100466	GSA (1351 NW 12 STREET) REPLACE BATHROOM DOOR IN JURY ROOM BATHROOM CT. RM. 5-7			20091030	4.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100484	GSA/REAL ESTATE (11318 SW 247 TERR) RE-KEY AND SECURE PROPERTY(FOLIO NO. 30-6019-005-0180)			20091030	6	
2	CARPENTRY SHOP (IN-HOUSE)	S100503	COMMUNITY DEVELOPMENT (701 NW 1 CT) OBTAIN DUPL. KEY (P-67) OR REPLACE AND PROVIDE NEW KE			20091102	50	
2	CARPENTRY SHOP (IN-HOUSE)	S100507	HR (2902 NW 2 AVE) DUPLICATE KEYS			20091102	3	
2	CARPENTRY SHOP (IN-HOUSE)	S100510	PW (960 STILL WATER DRIVE) OPEN HOLE FOR A/C			20091102	10	
2	CARPENTRY SHOP (IN-HOUSE)	S100512	HR (653 SW 4TH STREET) ROUND PARKING BLOCKS ARE BROKEN REPAIR/REPLACE			20091102	31.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100513	HR (16405 NW 25 AVE) WATER DAMAGE TO SHEET ROCK. NEEDS TO BE REPAIRED/PLASTER WALLS RM #			20091102	43	
2	CARPENTRY SHOP (IN-HOUSE)	S100519	OIG (19 W FLAGLER STREET) CHANGE CLOCK TIME AT MAIN ENTRY DOOR			20091102	9.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100540	PA (111 NW 1 STREET) (3) KEYS TO COMPUTER ROOM			20091103	2.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100567	GSA (24201 SW 107 AVE) RE-KEY AND SECURE PROPERTY (FOLIO NO.: 30-6019-011-4320)			20091105	1.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100572	OPA (111 NW 1 STREET) LOOSE DOOR HANDLE AT NORTH SECURITY DOOR/EAST SIDE LOBBY 8TH FLOO			20091106	45	
2	CARPENTRY SHOP (IN-HOUSE)	S100594	PA (111 NW 1 STREET) REPAIR AND RE-KEY 19 FILE CABINETS WHERE NECESSARY/INCOME SECTION			20091106	5	
2	CARPENTRY SHOP (IN-HOUSE)	S100597	ELEC (VARIOUS LOCATIONS) INSTALL ADA RAMPS AT POLLING LOCATIONS FOR MUNICIPAL ELECTIONS			20091109	9	
2	CARPENTRY SHOP (IN-HOUSE)	S100618	HR (3140 NW 76 STREET) REPAIR/REPLACE DOOR FRAME AT COTTAGE #7 ON WEST SIDE OF FACILITY			20091110	48.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100627	BMO (111 NW 1 STREET) GSA CARPENTRY SUPERVISOR TO INVESTIGATE EXPANSION JOINTS/MAIN LOBB			20091112	37	
2	CARPENTRY SHOP (IN-HOUSE)	S100628	MAM (101 W. FLAGLER & 19W. FLAGLER) CHANGE KEY PAD CODES			20091113	9	
2	CARPENTRY SHOP (IN-HOUSE)	S100640	HR (1600 NW 3 AVE) WINDOW CRANKS NEEDED FOR WINDOWS			20091113	3.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100650	HR (3140 NW 76 STREET) REPAIR A WINDOW IN SERENITYB SPRING BROKEN AND PART OF WINDOW OFF			20091113	6	
2	CARPENTRY SHOP (IN-HOUSE)	S100651	GSA/FUMD (10710 SW 211 STREET) INSTALL LATCH PROTECTOR PLATE AND DOOR CLOSER			20091113	19.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100656	GSA (1350 NW 12 AVE) INSTALL A STRIKER IN 4 NORTH DOUBLE GLASS DOOR			20091113	9.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100657	GSA (12060 SW 210 TERR) RE-KEY AND SECURE PROPERTY(FOLIO # 30-6912-041-0350)			20091116	25.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100658	GSA (27421 SW 139 PL) RE-KEY AND SECURE PROPERTY (FOLIO # 30-6934-021-6630)			20091116	43.5	
2	CARPENTRY SHOP (IN-HOUSE)	S100675	ETSD (5680 SW 87 AVE) MAKE KEYS FOR LATERAL FILE CABINETS			20091116	27	
2	CARPENTRY SHOP (IN-HOUSE)	S100684	DHS: NEW DIRECTION: URGENT SEVERAL OF THE COTTAGE WINDOWS TO BE REPAIRED OR REPLACED			20091116	3	
2	CARPENTRY SHOP (IN-HOUSE)	S100708	PWD (1 79TH STREET PARKWAY) REPLACE DAMAGED FLOOR TILES INSIDE AND OUTSIDE OF GUARDHOU			20091117	35	
2	CARPENTRY SHOP (IN-HOUSE)	S100708				20091118	67	

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GSA DCS RENOVATION SERVICES DETAIL					NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401	
TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION	DATE RECEIVED	HOURS	SHOP PEOPLE
2 CARPENTRY SHOP (IN-HOUSE)	PW (1 BRIDGE RD) REPLACE EXISTING CABINET AND DESK/COUNTER/W NEW MICA- COVERED CONTRUCT	S100718		20091118	60.5	
2 CARPENTRY SHOP (IN-HOUSE)	PW (1 BRIDGE RD) REPLACE SLIDING GLASS DOORS/W EQUIVALENT HEAVY- DUTY UNITS	S100719		20091118	4	
2 CARPENTRY SHOP (IN-HOUSE)	PW (8820 SW 216 STREET) DRYWALL NEAR EAST DOOR DAMAGED FROM LEAK/ REPAIR DRYWALL	S100721		20091118	9	
2 CARPENTRY SHOP (IN-HOUSE)	AUDIT & MGMT (1 SE 3RD AVE) RE-PROGRAM/REPAIR FLOOR DOOR COMBINATION KEY PAD	S100724		20091118	6.5	
2 CARPENTRY SHOP (IN-HOUSE)	FINANCE DEPT (111 NW 1 STREET) PLACE 4 PANELS IN CASHMGT FOR NOISE REDUCTION	S100728		20091119	3.5	
2 CARPENTRY SHOP (IN-HOUSE)	HR (3190 NW 116 STREET) PLACE RUBBER DOOR SWEEP ON BOTTOM OF EXIT DOORS	S100729		20091119	9.5	
2 CARPENTRY SHOP (IN-HOUSE)	CNTY. ATTORNEY (111 NW 1 STREET) (2) KEYS FOR COPYROOM 27 & 28TH FL	S100730		20091119	1	
2 CARPENTRY SHOP (IN-HOUSE)	TASC (7900 NW 27 AVE) PLACE RUBBER DOOR SWEEP ON BOTTOM OF EXIT DOORS	S100732		20091119	15	
2 CARPENTRY SHOP (IN-HOUSE)	PW- (705 CAMPANA AVE) REPLACE RUSTED SOAP DISH AND TOILET TISSUE HOLDER	S100733		20091119	7.5	
2 CARPENTRY SHOP (IN-HOUSE)	JUVENILE SERVICES (275 NW 2ND STREET) REPLACE/ INSTALL VARIOUS SMALL LOCKS & CABINET KEYS	S100734		20091119	2	
2 CARPENTRY SHOP (IN-HOUSE)	ETSD (10300 SW 72 STREET) REPAIR CARD READER MACHANISM ON REAR SOUTH DOOR STE 368	S100736		20091120	5.5	
2 CARPENTRY SHOP (IN-HOUSE)	DHS: KENDALL COMPLEX- COTTAGE #10 REPLACE AC UNIT.	S100738		20091120	6	
2 CARPENTRY SHOP (IN-HOUSE)	MPO: SPCC- 9TH FLOOR EXPAND CONFERENCE ROOM.	W90208		20090430	12	
2 CARPENTRY SHOP (IN-HOUSE)	MDPD: 1B NORTH- HELPAD LIGHTING.	W90209		20090508	3.5	
2 CARPENTRY SHOP (IN-HOUSE)	OSBM: SPCC- 22ND FLOOR RELOCATE ITC STAFF FROM THE 25TH FLOOR.	W90213		20090508	128	
2 CARPENTRY SHOP (IN-HOUSE)	SWM: N. DADE LANDFILL- VARIOUS CARPENTRY WORK.	W90215		20090512	263	
2 CARPENTRY SHOP (IN-HOUSE)	DHS: CULMER NSC- REPAIR/REPLACE AN AC UNIT.	W90216		20090512	0.5	
2 CARPENTRY SHOP (IN-HOUSE)	9DPD: HEADQUARTERS- INSTALL BACKFLOW PREVENTOR.	W90222		20090526	16	
2 CARPENTRY SHOP (IN-HOUSE)	ETSD: REG JUSTICE BUILDING- 10TH FLOOR DEMOLITION.	W90224		20090529	51	
2 CARPENTRY SHOP (IN-HOUSE)	FLEET- NEW GET READY- INSTALL BULLET PROOF GLASS.	W90239		20090617	53	
2 CARPENTRY SHOP (IN-HOUSE)	FUMD: DATA PROCESSING CENTER- VARIOUS SIDEWALK REPAIRS.	W90246		20090624	2.5	
2 CARPENTRY SHOP (IN-HOUSE)	GIC: SPCC- CHAMBERS CONTROL ROOM RENOVATIONS.	W90247		20090624	1	
2 CARPENTRY SHOP (IN-HOUSE)	ADVOCACY: THE LODGE- SOUTH SIDE PORCH OVERHANG REPAIRS.	W90252		20090625	223.5	
2 CARPENTRY SHOP (IN-HOUSE)	GSA: FLORIDA MARLIN BALLPARK- PHASE II.	W90256		20090629	8.5	
2 CARPENTRY SHOP (IN-HOUSE)	OSBM: SPCC- 25TH FLOOR FINANCE DEPARTMENT RECONFIGEXISTING SPACE & PREVIOUS FILM SPACE	W90264		20090709	2	
2 CARPENTRY SHOP (IN-HOUSE)	MDPHA: 2301 CORAL WAY- 7TH FLOOR RELOCATE FURNITURE, FILE, & EQUIPMENT.	W90265		20090713	12	
2 CARPENTRY SHOP (IN-HOUSE)	REAL ESTATE- COMPLETE CONSTRUCTION OF A RESIDENTIAL HOME.	W90267		20090720	25	
2 CARPENTRY SHOP (IN-HOUSE)		W90269		20090831	3.5	
2 CARPENTRY SHOP (IN-HOUSE)		W90313		20090831	3	
2 CARPENTRY SHOP (IN-HOUSE)	BCC: CALLEE CENTER- 7TH FLOOR FURNITURE, BLINDS, ETC.	W90329		20090923	8	
2 CARPENTRY SHOP (IN-HOUSE)	SOUTH-DADE GOVERNMENT CENTER- REFURISH PUBLIC REST ROOMS.	Z00039		20060302	2565.5	
2 CARPENTRY SHOP (IN-HOUSE)	LIB MIAMI SPRINGS BRANCH- REMODEL REST ROOM FOR ADA, SEAL MECHANICAL ROOM, & REDO FACAD	Z00040		20060316	4	
2 CARPENTRY SHOP (IN-HOUSE)	OADP: DHS/NEW DIRECTIONS- CONSTRUCTION MANAGEMENT FOR ADA PROJECT- AD00058.	Z00084		20080520	9	
2 CARPENTRY SHOP (IN-HOUSE)	DHS (1600 NW 3RD AVE) INSTALL POLYTHENE SHEATING OVER AREAS MOLD IS VISIBLE	S100135		20091009	11	
2 CARPENTRY SHOP (IN-HOUSE)	GSA (3100 PONCE DE LEON) PAINT EXT DOOR TO MATCH COLOR OF THE FRAME	S100227		20091020	8	
2 CARPENTRY SHOP (IN-HOUSE)	BMO/GSA (111 NW 1 STREET) REPLACE TILES ON SIDE WALK	S100263		20091021	8	
2 CARPENTRY SHOP (IN-HOUSE)	DHS: S DADDE ADULT DAYCARE CENTER - REPAIR EXTERIORSTUCKO SEE JIM TORRES FOR DETAILS	S100330		20091023	8	
2 CARPENTRY SHOP (IN-HOUSE)	DHS: S DADDE ADULT DAYCARE CENTER - REPLACE DAMAGED EXTERIOR WOOD/ SEE JIM TORRES FOR DE	S100332		20091023	8	
2 CARPENTRY SHOP (IN-HOUSE)	PWD (1 BRIDGE ROAD) REMOVE SOU RE-SEAL PLANTER BOXES AND CLEAR DRAINS	S100712		20091118	40	
2 CARPENTRY SHOP (IN-HOUSE)	PW (960 STILLWATER DRIVE) PAINT INTERIOR WALLS ANDCEILING AND EXTERIOR OF GUARHOUSE	S100714		20091118	40	
2 CARPENTRY SHOP (IN-HOUSE)	PW (960 STILLWATER DRIVE) PRESSURE CLEAN CURBS SIDEWALK AROUND GUARHOUSE	S100715		20091118	56	
2 CARPENTRY SHOP (IN-HOUSE)	PW (1 BRIDGE RD) PRESSURE CLEAN STONE WORK AND CURBS/SIDEWALK AROUND GUARHOUSE AS	S100716		20091118	50	
2 CARPENTRY SHOP (IN-HOUSE)	DHS: FLORIDA CITY NSC - RE-STRIPPE SOUTH PARKING LOT	S100747		20091123	48	
2 CARPENTRY SHOP (IN-HOUSE)	DHS: FLORIDA CITY NSC - RE-STRIPPE NORTH PARKING LOT	S100748		20091123	56	
2 CARPENTRY SHOP (IN-HOUSE)	PWD (9320 SW 216 STREET) DRYWALL NEAR EAST DOOR DAMAGED FROM LEAK. REPAIR AND PAINT DR	S100873		20091201	40	
2 CARPENTRY SHOP (IN-HOUSE)	100879TH STREET PARKWAY) INSTALL NEW DROP IN SINK AND FAUCETS	S100964		20091208	4	
2 CARPENTRY SHOP (IN-HOUSE)	HR (1600 NW 3 AVE) STAND NEEDED FOR 40 INCH TELEVISION	S101010		20091210	3	
2 CARPENTRY SHOP (IN-HOUSE)	TAX COLLECTOR (140 W FLAGLER) ELECTRIC NUMBER SYSTEM NOT WORKING PROPERLY	S101018		20091211	2	
2 CARPENTRY SHOP (IN-HOUSE)	GSA (5600 SW 87 AVE) NEW LIBERT A/C BUMPING IN AND OUT (LOW GAS)	S101247		20091231	16	
2 CARPENTRY SHOP (IN-HOUSE)	GSA/FLEET (6100 SW 87 AVE) PAINT SMALL AREA OF WALL IN ADMIN OFFICE. BRING QT. OF PAINT	S101248		20100104	9	
2 CARPENTRY SHOP (IN-HOUSE)		S101347		20100108	8	

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GSA DCS RENOVATION SERVICES DETAIL			NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401		DATE RECEIVED	HOURS	SHOP PEOPLE
TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION	WOIST			
3	PAINT SHOP (IN-HOUSE)	S101362	PW (8201 NW 162 STREET) PAINT INTERIOR OF GUARD HOUSE	PW	20100111	38	1
3	PAINT SHOP (IN-HOUSE)	S101365	PW (8201 NW 162 STREET) PAINT FRAMING AND DOOR	PW	20100111	38	1
3	PAINT SHOP (IN-HOUSE)	S101375	PW (8201 NW 166 STREET) PRESSURE CLEAN SIDEWALKS CURBS AND STONE TRIMWORK	PW	20100112	50	
3	PAINT SHOP (IN-HOUSE)	S101382	CSD (140 W. FLAGLER) PAINT WALL IN LOBBY	CSD	20100112	5	1
3	PAINT SHOP (IN-HOUSE)	S101390	GSA (17405 SW 297 TERRACE) RE-KEY AND BOARD UP HOUSE(30-7907-043-0010)	GSA	20100112	5	
3	PAINT SHOP (IN-HOUSE)	S101462	FINANCE (140 WEST FLAGLER) PAINT WALL IN OFFICE	FINANCE	20100119	16	
3	PAINT SHOP (IN-HOUSE)	S101478	GSA (1351 NW 12 STREET) PAINT FRONT ENTRANCE TO JUDGE CHAMBER #423	GSA	20100120	5	
3	PAINT SHOP (IN-HOUSE)	S101569	PW (5780 NE 5TH AVE) PAINT BLDG. INSIDE AND OUT CLEAN/STAIN/SEAL/ WOODWORK IN SOFFET AREA	PW	20100125	71	
3	PAINT SHOP (IN-HOUSE)	S101574	PW (420 NE 50TH TERR) PAINT BLDG./CLEAN, STAIN, SEAL WOODWORK IN SOFFET AREA	PW	20100125	69	
3	PAINT SHOP (IN-HOUSE)	S101932	PW (10500 OLD CUTLER RD) PRESSURE CLEAN CURBS WALKWAYS AND STONE WORK	PW	20100217	37	
3	PAINT SHOP (IN-HOUSE)	S101934	PW (10500 OLD CUTLER RD) PRESSURE CLEAN CURBS WALKWAYS AND STONE WORK	PW	20100217	54	
3	PAINT SHOP (IN-HOUSE)	S101936	PW (19831 NE 23 AVE) PRESSURE CLEAN ROOF WALKWAYS AND CURBS AROUND GUARDHOUSE	PW	20100217	48	
3	PAINT SHOP (IN-HOUSE)	S101937	PW (19831 NE 23 AVE) PAINT INSIDE AND OUTSIDE	PW	20100217	32	
3	PAINT SHOP (IN-HOUSE)	S101941	PW (2210 NE 192 STREET) PRESSURE CLEAN ROOF, WALK WAYS AND CURBS	PW	20100217	24	
3	PAINT SHOP (IN-HOUSE)	S101942	PW (2210 NE 192 STREET) PAINT INSIDE AND OUTSIDE	PW	20100217	32	
3	PAINT SHOP (IN-HOUSE)	S102040	ELECTIONS: ELECTRICAL WORK FOR ELECTIONS RELOCATION ON THE LOBBY OF SPCC.	ELECTIONS	20100222	4	
3	PAINT SHOP (IN-HOUSE)	S102090	GSA (1351 NW 12 STREET) BASEMENT- WALLS JUDGE'S ELEVATOR	GSA	20100223	1	
3	PAINT SHOP (IN-HOUSE)	S102147	PW (8281 BAGOWAN ROAD) PRESSURE CLEAN CONCRETE WALKWAYS	PW	20100225	16	
3	PAINT SHOP (IN-HOUSE)	S102227	GSA (1851 NW 10 AVE) COOLER #2 HAS DEFECTIVE FAN INSPECT ALL COOLERS	GSA	20100303	16	
3	PAINT SHOP (IN-HOUSE)	S93538	GSA (3100 PONCE DE LEON) ESTIMATE TO REPLACE BACK DOOR	GSA	20090608	1	
3	PAINT SHOP (IN-HOUSE)	S93714	HR (19590 OLD CUTLER ROAD) PAINT OUTSIDE COLUMNS	HR	20090622	9	
3	PAINT SHOP (IN-HOUSE)	S93715	HR (19590 OLD CUTLER ROAD) PAINT WALL IN KITCHEN	HR	20090622	5	
3	PAINT SHOP (IN-HOUSE)	S93961	GSA (703 NW 25 STREET) PAINT MEETING ROOM	GSA	20090708	37	
3	PAINT SHOP (IN-HOUSE)	S93969	HR (2902 NW 2 AVE) REMOVE GRAFFITI FROM FRONT METAL SHUTTER DOORS	HR	20090709	6	
3	PAINT SHOP (IN-HOUSE)	S93990	GSA (703 NW 25 STREET) PAINT WAITING ROOM	GSA	20090710	11	
3	PAINT SHOP (IN-HOUSE)	S94017	GSA (703 NW 25 STREET) PAINT HALL WAY AND BACK OFFICE	GSA	20090713	80	
3	PAINT SHOP (IN-HOUSE)	S94124	CAA (16405 NW 25 AVE) PAINT INTERIOR BACK WALL IN LOBBY AND EXTERIOR OVAL SECTION	CAA	20090721	36	
3	PAINT SHOP (IN-HOUSE)	S94264	CAA (16405 NW 25 AVE) PAINT INTERIOR BACK WALL IN LOBBY AND EXTERIOR OVAL SECTION	CAA	20090728	35	
3	PAINT SHOP (IN-HOUSE)	S94321	CAA- EMERGENCY HOUSING SOUTH- 841 #1 AND 855 #3 NEEDS PAINTING	CAA	20090731	38	
3	PAINT SHOP (IN-HOUSE)	S94388	HR (11025 SW 84 STREET) PAINT DOORS	HR	20090806	24	
3	PAINT SHOP (IN-HOUSE)	S94811	AOC: REGJIB- COURTROOM; PAINT WALL IN COURT RM 3-2 **	AOC	20090909	4.5	
3	PAINT SHOP (IN-HOUSE)	W090331	DHS: FRANKIE SHANNON ROLLE NSC- VARIOUS KITCHEN RENOVATIONS.	DHS	20090928	4	
3	PAINT SHOP (IN-HOUSE)	W100008	RSS: EDUCATIONAL TRAINING AND STAFF MEETINGS.	RSS	20091002	3	
3	PAINT SHOP (IN-HOUSE)	W100039	OCED: NSP- REHABILITATION.	OCED	20091119	60	
3	PAINT SHOP (IN-HOUSE)	W100041	OCED: NSP- REHABILITATION.	OCED	20091119	24	
3	PAINT SHOP (IN-HOUSE)	W100044	OCED: NSP- REHABILITATION.	OCED	20091119	22	
3	PAINT SHOP (IN-HOUSE)	W100045	OCED: NSP- REHABILITATION.	OCED	20091119	8	
3	PAINT SHOP (IN-HOUSE)	W100054	OCED: NSP- REHABILITATION.	OCED	20091209	8	
3	PAINT SHOP (IN-HOUSE)	W100118	SHOPS: STAFF RELOCATIONS.	SHOPS	20100319	64	
3	PAINT SHOP (IN-HOUSE)	W60169	LIBRARY: NARANJA BRANCH- CONSTRUCT A 15,000 SQUARE FOOT BRANCH - W30195.	LIBRARY	20060310	32	
3	PAINT SHOP (IN-HOUSE)	W60328	FUMD: SPCC- 29TH FLOOR RECTIFY AC HEAT LOAD PROBLEMS.	FUMD	20060824	2	
3	PAINT SHOP (IN-HOUSE)	W60354	PWD: MOSQUITO CONTROL- TRAILER CONNECTIONS.	PWD	20060824	60	
3	PAINT SHOP (IN-HOUSE)	W70123	DHS: OPA-LOCKA NSC- PAINT EXTERIOR/INTERIOR.	DHS	20060920	101	
3	PAINT SHOP (IN-HOUSE)	W70183	FUMD: CULTURAL CENTER- SEAL, WATER PROOF, AND PAINT PEDESTRIAN BRIDGES INCLUDING CANOPIE	FUMD	20070308	8	
3	PAINT SHOP (IN-HOUSE)	W80059	COC: CALEB- ROOM #104 RENOVATIONS.	COC	20071031	2	
3	PAINT SHOP (IN-HOUSE)	W80126	FUMD: LIGHTSPEED- INTERIOR RENOVATIONS FOR 911. DESIGN UNDER; W70132.	FUMD	20071218	857.5	
3	PAINT SHOP (IN-HOUSE)	W80151	PARKING: CULTURAL CENTER- REPAIR VARIOUS CRACKS.	PARKING	20080128	251	
3	PAINT SHOP (IN-HOUSE)	W80179	ELECTIONS: PRECINCT 250- ADA UP-GRADE PROJECT.	ELECTIONS	20080205	27	
3	PAINT SHOP (IN-HOUSE)	W80184	ELECTIONS: PRECINCT 622- ADA UP-GRADE PROJECT.	ELECTIONS	20080205	11	
3	PAINT SHOP (IN-HOUSE)	W80250	DHS: NEW OPPORTUNITY- PAINT EXTERIOR/INTERIOR.	DHS	20080321	189	
3	PAINT SHOP (IN-HOUSE)	W80304	OADA: ETS/DFC- CONSTRUCTION MANAGEMENT FOR ADA BARRIER REMOVAL PROJECT- AD0102.	OADA	20080424	6	

Attachment 3

GSA's Renovation Services Section from April 1st 2009 to April 1st 2010 - Broward County Crew Size Comparison

GSA DCS RENOVATION SERVICES DETAIL NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401				DATE RECEIVED		HOURS	SHOP PEOPLE
TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION				
3	PAINT SHOP (IN-HOUSE)	W80336	FLEET: SHOP #3 MAIN- IMPLEMENT ELECTRICAL FINDINGS UNDER 40-YEAR REPORT UNDER: W80240.	20080609	11		
3	PAINT SHOP (IN-HOUSE)	W80346	CAA: MULTIPLE HEADSTART PORTABLES- INSPECTIONS FOR VARIOUS ENVIRONMENTAL HAZARDS.	20080902	20		
3	PAINT SHOP (IN-HOUSE)	W80009	RSS: EDUCATIONAL TRAINING AND STAFF MEETINGS.	20081001	53		
3	PAINT SHOP (IN-HOUSE)	W80039	DGS: NEW DIRECTIONS- REPLACE TILE IN NORTH SHOWER IN SPRINGHOUSE.	20081028	15		
3	PAINT SHOP (IN-HOUSE)	W80049	DGS: SPCG- 19TH FLOOR RELOCATE STAFF FROM THE 22ND FLOOR & MLK BLDG.	20081113	8		
3	PAINT SHOP (IN-HOUSE)	W80052	DHS: N. DADE VICTIMS CENTER- REMODEL BATHROOMS.	20081113	59		
3	PAINT SHOP (IN-HOUSE)	W80059	MDHA: SMATHERS PLAZA- BUSWAY ELECTRIC CONNECTIONS.	20081119	20		
3	PAINT SHOP (IN-HOUSE)	W80097	DHS: AFTER CARE- NORTH- PAINT THE EXTERIOR & INTERIOR OFFICE FACILITY.	20090107	419		
3	PAINT SHOP (IN-HOUSE)	W80098	BCC: CALEB CENTER- 7TH FLOOR RENOVATIONS - COMMISSIONER EDMOND'S OFFICE OFFICE	20090108	4		
3	PAINT SHOP (IN-HOUSE)	W80099	655: N. DADE ADULT CENTER- PAINT EXTERIOR/INTERIOR	20090112	647		
3	PAINT SHOP (IN-HOUSE)	W80100	DHS: EDISON NSC- PAINT EXTERIOR/INTERIOR.	20090112	2023		
3	PAINT SHOP (IN-HOUSE)	W80101	DHS: FLORIDA CITY NSC - PAINT EXTERIOR	20090112	507		
3	PAINT SHOP (IN-HOUSE)	W80102	DHS: S DADE ADULT DAYCARE CENTER - PAINT EXTERIOR	20090112	667		
3	PAINT SHOP (IN-HOUSE)	W80168	AOC: N. DADE JUSTICE CENTER- ROOM #2217 CONSTRUCT DEWIDING WALL.	20090309	10		2
3	PAINT SHOP (IN-HOUSE)	W80173	MDPD: HAMMOCKS STATION- REPLACE AC CONDENSING UNIT #4.	20090319	8		
3	PAINT SHOP (IN-HOUSE)	W80214	OSBM: SPCG- 22ND FLOOR RELOCATE ITC STAFF FROM THE 25TH FLOOR.	20090508	22		
3	PAINT SHOP (IN-HOUSE)	W80232	FUMD: S. DADE GOVERNMENT CENTER- SEAL PLAZA CONCRETE.	20090619	197		
3	PAINT SHOP (IN-HOUSE)	W80240	OADA: DISAIL- ADA RAMP REPAIRS.	20090625	58		
3	PAINT SHOP (IN-HOUSE)	W80252	GIC: SPCG- CHAMBERS CONTROL ROOM RENOVATIONS.	20090821	44		
3	PAINT SHOP (IN-HOUSE)	W80297	CAO: SPCG- 28TH FLOOR REFINISH AND REPAIRS TO CLERICAL STATIONS.	20090824	5		2
3	PAINT SHOP (IN-HOUSE)	W80299	ETSD: RICHMOND TOWER- REPLACE CORRODED ELECTRICAL CONDUIT.	20090824	16		
3	PAINT SHOP (IN-HOUSE)	Z00039	SOUTH-DADE GOVERNMENT CENTER- REFURBISH PUBLIC REST ROOMS.	20090302	48		
3	PAINT SHOP (IN-HOUSE)	Z00072	FUMD: DATA PROCESSING CENTER- IMPLEMENT FINDINGS FROM REPORT COMPILED UNDER: Z00026.	20071023	5		
3	PAINT SHOP (IN-HOUSE)	Z00094	GSA: S. FLORIDA TREATMENT CENTER- SITE PRE & CLEAN UP.	20081125	8		
4	PLUMBING SHOP (IN-HOUSE)	E00658	CAA (801 NW 17 STREET) LEAK BENETH SINK/LOW WATER PRESSURE	20060718	172		
4	PLUMBING SHOP (IN-HOUSE)	E080162	(GSAZ0000NW47AVE) SEWER SYSTEM INSPECTION	20091002	65		
4	PLUMBING SHOP (IN-HOUSE)	E080164	MDPD (9111 NW 26 STREET) CHECK/REPAIR/REPLACE COMPONENTS HOT WATER HEATER BURNED	20091007	15		1
4	PLUMBING SHOP (IN-HOUSE)	E080167	CAA (7450 EAST TREASURE ISLAND) WATER PIPE IS LEAKING UNDER PORTABLE #1 REPAIR/REPLACE	20091020	36		2
4	PLUMBING SHOP (IN-HOUSE)	E080173	GSA/FUMD (15555 BISC. BLVD.) NORTH PARKING LOT DRAINS ARE CLOGGED	20091218	8		
4	PLUMBING SHOP (IN-HOUSE)	E080174	GSA (1851 NW 10 AVE) INSTALL A P-TRAP IN TISSUE BANK	20091222	20		1
4	PLUMBING SHOP (IN-HOUSE)	E080177	WEST DADE GR. (20000 NW 47 AVE) INVESTIGATE WATER LEAK FROM GROUND ON EXT. OF BUILDING #27	20100106	20		
4	PLUMBING SHOP (IN-HOUSE)	E080178	PW (RICKENBACKER CAUSEWAY) REPAIR MAIN WATER SERVICE COPPER PLUMBING PIPE DUE TO BRI	20100119	46		
4	PLUMBING SHOP (IN-HOUSE)	E080182	GSA (175 NW 1 AVE) REPAIR OF DOMESTIC WATER PIPE	20100216	26		
4	PLUMBING SHOP (IN-HOUSE)	E70292	LIBRARY: KEY BISCAYNE BRANCH- CONNECT TO MAIN SEWER LINE.	20061128	18		
4	PLUMBING SHOP (IN-HOUSE)	E80137	MDPD: KENDALL STATION- INSTALL A BACKFLOW PREVENTOR.	20090303	33		
4	PLUMBING SHOP (IN-HOUSE)	E80141	GSA/FUMD (111 NW 1 STREET) REPLACE WATER HEATER OLD HEATER CORRODED	20090518	25		
4	PLUMBING SHOP (IN-HOUSE)	E80142	BMO (111 NW 1 STREET) LEAK ON HIGH PRESSURE SIDE HIGH RISE LINE	20090601	98		
4	PLUMBING SHOP (IN-HOUSE)	E80143	HR (3140 NW 76 STREET) REPLACE WATER HEATER IN KITCHEN	20090603	13		
4	PLUMBING SHOP (IN-HOUSE)	E80144	GSA/FUMD (11500 NW 26 STREET) MAJOR PROBLEM WITH LINE AND DRAIN OUTSIDE LINE NOT DRAINING	20090605	29		
4	PLUMBING SHOP (IN-HOUSE)	E80145	GSA (1320 NW 14 STREET) INVESTIGATE STRONG SMELL IN CRAWL SPACE	20090610	24		
4	PLUMBING SHOP (IN-HOUSE)	E80147	ADVOCACY-SINK HOLE DEVELOPED IN COURT YARD OF THE FACILITY/GROUND AROUND OR BESIDES DR	20090622	47		
4	PLUMBING SHOP (IN-HOUSE)	E80148	GSA (15555 BISCAYNE BLVD.) PUMP STORM DRAINS FOR OVERFLOW AND NORTH LOT	20090623	12		
4	PLUMBING SHOP (IN-HOUSE)	E80151	MDPD (7707 SW 117 AVE) REPAIR WATER LEAK	20090722	44		
4	PLUMBING SHOP (IN-HOUSE)	E80154	9R (16405 NW 25 AVE) REPAIR LIFT STATION	20090807	36		
4	PLUMBING SHOP (IN-HOUSE)	E80157	HR (16405 NW 25 AVE) LIFT STATIONS NEED TO BE PUMPED OUT	20090910	8		
4	PLUMBING SHOP (IN-HOUSE)	S095049	GSA/FUMD PLUMBING STAFF TO ASSIST IN CUTTING AND RECONNECTING GLASS PIPE VENT IN RECEIPT	20090928	12		
4	PLUMBING SHOP (IN-HOUSE)	S095099	HR (3140 NW 76 STREET) SOUTH BATHROOM BOTH SINK AND SHOWER CLOGGED	20090929	23		1
4	PLUMBING SHOP (IN-HOUSE)	S095137	SW (18701 NE 6 AVE) REPLACE WATER FOUNTAIN OUTSIDE/SCALEHOUSE	20090930	4		1
4	PLUMBING SHOP (IN-HOUSE)	S095138	HR (11575 NW 7 AVE) FRONT LOBBY BATHROOM SINK SHOOTING WATER/MENS BATHROOM TOILET W/	20090930	18		1
4	PLUMBING SHOP (IN-HOUSE)	S100024	PW (8901 NW 58 STREET) DISCONNECT OLD ICE MACHINE CONNECT NEWER MODEL	20091002	16		1
4	PLUMBING SHOP (IN-HOUSE)	S100031	HR (11025 SW 84 STREET) SINK IN KITCHEN IS LEAKING	20091002	2		1

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TASK #	TASK DESCRIPTION	WOIST	NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401	DATE RECEIVED	HOURS	SHOP PEOPLE
4	PLUMBING SHOP (IN-HOUSE)	S100048	MDPD (9111 NW 25 STREET) CHECK/REPAIR/REPLACE COMPONENTS HOT WATER HEATER BURNED	20091005	8	1
4	PLUMBING SHOP (IN-HOUSE)	S100073	GSA (140 W FLAGLER) INSULATE ABOUT 6FT. OF PRIMARY CHILLER LINES IN PARKING GARAGE	20091006	11	1
4	PLUMBING SHOP (IN-HOUSE)	S100074	PW (8901 NW 58 STREET) CONNECT SHOWER IN HANGAR	20091006	12	1
4	PLUMBING SHOP (IN-HOUSE)	S100078	HR (3140 NW 765 STREET) NORTH TOILET IN WISDOM COTTAGE BACKING UP	20091007	8	1
4	PLUMBING SHOP (IN-HOUSE)	S100079	HR (1600 NW 3 AVE) COVER FOUNTAINS, REMOVE/REPLACE WATER FOUNTAIN/ SINK IN BOYS BATHROOM	20091007	18	1
4	PLUMBING SHOP (IN-HOUSE)	S100096	LIB: SUB METER HAS BEEN IN SERVICE OVER 10 YEARS. LIMIT MUST REPLACE OR RECERTIFY SUB METER	20091007	33	1
4	PLUMBING SHOP (IN-HOUSE)	S100097	MDPD (5975 MIAMI LAKES DRIVE) INSTALL BACK FLOW PREVENTOR	20091007	48	1
4	PLUMBING SHOP (IN-HOUSE)	S100098	LIBRARY (9445 CORAL WAY) CONDUCT INVESTIGATION OF PIPES BEHIND WALL TO MAKE SURE THERE ARE	20091007	50.5	1
4	PLUMBING SHOP (IN-HOUSE)	S100101	CAA (801 NW 17 STREET) REPAIR/REPLACE LEAKING GALVANIZED PIPE	20091008	12	1
4	PLUMBING SHOP (IN-HOUSE)	S100119	PWD (2601 BRICKELL AVE) A/C IN MAIN TOLL FACILITY OFFICE FROZEN/CHECK FILTERS IN OFFICE	20091009	5	1
4	PLUMBING SHOP (IN-HOUSE)	S100121	GSA (6100 SW 87 AVE) FIX LEAK IN TOILET	20091009	8	1
4	PLUMBING SHOP (IN-HOUSE)	S100135	HR (51 W MOWRY) BATHROOM #121-A CLOGGED	20091013	8	1
4	PLUMBING SHOP (IN-HOUSE)	S100159	HR (3140 NW 76 STREET) REPLACE WATER HEATER ON WEST SIDE OF FACILITY COTTAGE 2/4	20091014	11	1
4	PLUMBING SHOP (IN-HOUSE)	S100166	MDPD (10000 SW 142 AVE) REPLACE CORRODED PIPE TO EXISTING WATER HEATER	20091015	38	1
4	PLUMBING SHOP (IN-HOUSE)	S100167	MDPD (10800 SW 211 STREET) REPLACE EXISTING TOILET/STAINLESS STEEL/ CELL #3	20091015	14	1
4	PLUMBING SHOP (IN-HOUSE)	S100169	HR (16405 NW 25 AVE) SPRINKLER SYSTEM NEEDS RUST AIDE	20091015	12	1
4	PLUMBING SHOP (IN-HOUSE)	S100219	HR (3140 NW 76 STREET) SEPTIC CLEANOUT BETWEEN COURAGE AND SERENITY COTTAGES	20091019	24	1
4	PLUMBING SHOP (IN-HOUSE)	S100220	HR (51 W. MOWRY) TOILET IN BATHROOM #118 IS CLOGGED	20091019	5	1
4	PLUMBING SHOP (IN-HOUSE)	S100244	HR (7831 NE MIAMI CT) TOILET BACKED UP 1ST FLOOR	20091020	3	1
4	PLUMBING SHOP (IN-HOUSE)	S100272	PWD: INSTALL LEG OR OTHER SUPPORT FOR RESTROOM WALL SINK.	20091021	8	1
4	PLUMBING SHOP (IN-HOUSE)	S100284	LIBRARY (9445 CORAL WAY) REPLACE CAST IRON ROOF DRAIN LOCATED ON 1ST FLOOR AUDITORIUM	20091022	47	1
4	PLUMBING SHOP (IN-HOUSE)	S100296	HR (16405 NW 25 AVE) CHECK SPRINKLER SYSTEM	20091022	17	1
4	PLUMBING SHOP (IN-HOUSE)	S100344	GSA (11500 NW 25 STREET) SEWER REPAIRS	20091023	6	1
4	PLUMBING SHOP (IN-HOUSE)	S100345	BMO (111 NW 1 STREET) UNCLOG LINES IN WELLNESS CENTER	20091026	49	1
4	PLUMBING SHOP (IN-HOUSE)	S100402	GSA (20000 NW 47 AVE) REMOVE A HEAVILY CORRODED NIPPLE BETWEEN 4"X 2" BUSHING	20091027	39	1
4	PLUMBING SHOP (IN-HOUSE)	S100403	GSA MAT. MGMT (2225 NW 72 AVE) EXTERNAL CATCH BASIN (SEPTIC) BLOCKED BACKING UP LADIES Bf	20091027	20	1
4	PLUMBING SHOP (IN-HOUSE)	S100408	HR (19590 OLD CUTLER RD) A/C NOT WORKING AT ALL. EXTREMELY HOT	20091027	4	1
4	PLUMBING SHOP (IN-HOUSE)	S100411	GSA (6100 SW 87 AVE) WATER FOUNTAIN NOT RELEASING WATER	20091027	8	1
4	PLUMBING SHOP (IN-HOUSE)	S100420	GSA (11500 NW 25 STREET) INSTALL (2) WATER SPIGOTSON RISERS OUTSIDE BLDG.NEED (1) RISER IN JA	20091028	28	1
4	PLUMBING SHOP (IN-HOUSE)	S100427	HR (16405 NW 25 STREET) INSTALL HANDWASH SINK	20091029	13	1
4	PLUMBING SHOP (IN-HOUSE)	S100436	D-SAIL (1335 NW 14 STREET) KITCHEN SINK HANDLE HAS SPRUNG A LEAK	20091029	10	1
4	PLUMBING SHOP (IN-HOUSE)	S100439	HR (3140 NW 76 STREET) TOILET IS BACKING UP IN WISDOM COTTAGE	20091029	4	1
4	PLUMBING SHOP (IN-HOUSE)	S100444	LIBRARY (9445 CORAL WAY) BROKEN ROOF DRAIN IN 900FICTION AREA	20091030	100	1
4	PLUMBING SHOP (IN-HOUSE)	W100008	RSS: EDUCATIONAL TRAINING AND STAFF MEETINGS.	20091002	7.5	1
4	PLUMBING SHOP (IN-HOUSE)	W100014	DHS: MIAMI GARDENS NSC- INSTALL 3 CATCH BASINS.	20091008	101	1
4	PLUMBING SHOP (IN-HOUSE)	W100039	OCCED: NSP- REHABILITATION.	20091119	10	1
4	PLUMBING SHOP (IN-HOUSE)	W100041	OCCED: NSP- REHABILITATION.	20091119	17	1
4	PLUMBING SHOP (IN-HOUSE)	W100043	OCCED: NSP- REHABILITATION.	20091119	10	1
4	PLUMBING SHOP (IN-HOUSE)	W100045	OCCED: NSP- REHABILITATION.	20091119	20	1
4	PLUMBING SHOP (IN-HOUSE)	W100073	OCCED: NSP- REHABILITATION.	20091119	2	1
4	PLUMBING SHOP (IN-HOUSE)	W70217	DHS: KENDALL COMPLEX- ADM. BLDG. & COT. #1 THROUGH #5 REQUIRED PERMIT ITEMS.	20070418	6	1
4	PLUMBING SHOP (IN-HOUSE)	W80126	FUMD: LIGHTSPEED- INTERIOR RENOVATIONS FOR 911. SPACE PLANNING; ESTIMATING; SCHEDULING.	20071218	16	1
4	PLUMBING SHOP (IN-HOUSE)	W80304	CADA: ETS/DPC- CONSTRUCTION MANAGEMENT FOR ADA BARRIER REMOVAL PROJECT- AD0102.	20080424	143	1
4	PLUMBING SHOP (IN-HOUSE)	W80328	DHS: FLORIDA CITY NSC- BUILDING B EXTENSIVE RENOVATIONS.	20080520	4	1
4	PLUMBING SHOP (IN-HOUSE)	W80331	DHS: MIAMI GARDENS NSC- NEW IRRIGATION SYSTEM.	20080603	285	1
4	PLUMBING SHOP (IN-HOUSE)	W80401	SWM- RESOURCES RECOVERY- BACKFLOW PREVENTOR REPAIRS.	20080805	255	1
4	PLUMBING SHOP (IN-HOUSE)	W80413	FUMD: DATA PROCESSING CENTER- URINAL REPAIRS.	20080813	6	1
4	PLUMBING SHOP (IN-HOUSE)	W80432	DHS: NEW OPPORTUNITIES- INSTALL MOTORIZED GATE AT MAIN ENTRANCE.	20080828	16	1
4	PLUMBING SHOP (IN-HOUSE)	W80458	DHS: N. DADE VICTIMS CENTER- 2ND FLOOR ROOM #3 REPLACE TUB AND INSTALL SINK.	20080916	8	1
4	PLUMBING SHOP (IN-HOUSE)	W80462	FUMD: SPCC- DOMESTIC WATER PUMP #3 REPAIRS.	20080918	18	1
4	PLUMBING SHOP (IN-HOUSE)	W90009	RSS: EDUCATIONAL TRAINING AND STAFF MEETINGS.	20081001	35	1

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GSA DCS RENOVATION SERVICES DETAIL			NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401		DATE RECEIVED		HOURS	SHOP PEOPLE
TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION	WOIST DESCRIPTION				
4	PLUMBING SHOP (IN-HOUSE)	W90031	LIBRARY: NARANJA BRANCH- EXTERIOR/INTERIOR SIGNAGE.		20081020	4		
4	PLUMBING SHOP (IN-HOUSE)	W90039	DHS: NEW DIRECTIONS- REPLACE TILE IN NORTH SHOWER IN SPRINGHOUSE.		20081028	125		
4	PLUMBING SHOP (IN-HOUSE)	W90052	DHS: N. DADE VICTIMS CENTER- REMODEL BATHROOMS.		20081113	67		
4	PLUMBING SHOP (IN-HOUSE)	W90058	MCHA- SMATHERS PLAZA- BUSWAY ELECTRIC CONNECTIONS.		20081119	16		
4	PLUMBING SHOP (IN-HOUSE)	W90098	BCC: CALLEB CENTER- 7TH FLOOR RENOVATIONS - COMMISSIONER EDMOND'S OFFICE/OFFICE		20090108	94		
4	PLUMBING SHOP (IN-HOUSE)	W90197	CORRECTIONS, REG-B, 7TH FLOOR HOLDING CELL REST ROOM REPAIRS.		20090417	134		
4	PLUMBING SHOP (IN-HOUSE)	W90223	LIBRARY: W. FLAGLER BRANCH- NEW IRRIGATION SYSTEM.		20090527	10		
4	PLUMBING SHOP (IN-HOUSE)	W90224	90PD- HEADQUARTERS- INSTALL BACKFLOW PREVENTOR.		20090529	1016.5		
4	PLUMBING SHOP (IN-HOUSE)	W90238	FUMD: CALLEB CENTER- PARKING LOT DRAIN REPAIRS.		20090617	92		
4	PLUMBING SHOP (IN-HOUSE)	W90284	DHS: NEW DIRECTIONS- EXPAND DRAIN FILED LOCATED BETWEEN SERINITY AND COURAGE COTTAGES.		20090707	91		
4	PLUMBING SHOP (IN-HOUSE)	W90313	GSA: FLORIDA MARLINS BALLPARK- PHASE II.		20090709	60		
4	PLUMBING SHOP (IN-HOUSE)	W90384	RSS: DIVERSITY MATTERS ONLINE TRAINING.		20090831	5		
5	ELECTRICAL SHOP (IN-HOUSE)	Z00039	SOUTH-DADE GOVERNMENT CENTER- REPAIR/REPLACE PUBLIC REST ROOMS.		20060302	145		
5	ELECTRICAL SHOP (IN-HOUSE)	E080164	MDPD (9111 NW 25 STREET) CHECK/REPAIR/REPLACE COMPONENTS HOT WATER HEATER BURNED		20080520	16		
5	ELECTRICAL SHOP (IN-HOUSE)	E080169	HR (1600 NW 3 AVE) TRANSFORMER IN BLDG. IS BAD		20091201	4		
5	ELECTRICAL SHOP (IN-HOUSE)	E080171	CAA, NORTH CTY. HEAD START CTY. AS PER FIRE RESCUE/ELECTRICAL SYSTEM MUST BE CHECKED.		20091207	80		
5	ELECTRICAL SHOP (IN-HOUSE)	E080172	LIBRARY (9101 SW 97 AVE) (3) PARKING LOT LIGHTS ARE OUT		20091214	10		
5	ELECTRICAL SHOP (IN-HOUSE)	E080181	FIN. REMOVE PARTITIONS ON THE 26TH FLOOR. SPECIAL REQUEST FROM THE COUNTY MANAGERS OFFI		20091217	52		
5	ELECTRICAL SHOP (IN-HOUSE)	E080182	MEDICAL EXAMINER (1851 NW 10TH AVE) REPLACE AIR HANDLER UNIT AT MORGUE		20100211	17		
5	ELECTRICAL SHOP (IN-HOUSE)	E080149	HR (1600 NW 3 AVE) BURNING ELECTRICAL WIRES		20081010	8		
5	ELECTRICAL SHOP (IN-HOUSE)	E080152	FLEET MNGMT. SHOP 38 - LIGHTS ON EAST SIDE WERE DAMAGED BY LIGHTNING. NO POWER TO FUEL I		20090724	8		
5	ELECTRICAL SHOP (IN-HOUSE)	E080154	9R (16405 NW 25 AVE) REPAIR LIFT STATION		20090807	25		
5	ELECTRICAL SHOP (IN-HOUSE)	E080158	GSA (20000 NW 47 AVE) CHECK ELECTRICAL PHASE OUT SERVICE AND ABOVE GROUND HIGH VOLT TRAI		20090917	4		
5	ELECTRICAL SHOP (IN-HOUSE)	H00283	(GSA) REPAIR OUTSIDE HISTORICAL LAMP. NEW LENSES MUST MATCH OLD LENSES		20051104	29		
5	ELECTRICAL SHOP (IN-HOUSE)	H00283	DHS, CULMER NSC - LIGHTS IN PARKING LOT ARE NOT COMING ON.		20090928	2		
5	ELECTRICAL SHOP (IN-HOUSE)	S095044	GSA/FLEET MNGMT. SHOP 3C - NEED 7 OUTDOOR YARD LIGHTS REPLACED.		20090928	21		
5	ELECTRICAL SHOP (IN-HOUSE)	S095102	GSA (73 W. FLAGLER) INSTALL SWITCHES FOR EXHAUST FANS		20090929	55		
5	ELECTRICAL SHOP (IN-HOUSE)	S095128	GSA (1350 NW 13 AVE) REPLACE SEVERAL BURNED OUT PARKING LIGHTS/GRAHAM BLDG. SURFACE LOT		20091001	17		
5	ELECTRICAL SHOP (IN-HOUSE)	S100003	LIBRARY (1799 NW 35 STREET) INSTALL 2-20 AMP OUTLETS FOR PRINTER/SCANNER		20091001	29		
5	ELECTRICAL SHOP (IN-HOUSE)	S100010	(GSA/1175NW/5.RIVERDR) ELECTRIC STOCK INTERNAL TRANSFER		20091001	91		
5	ELECTRICAL SHOP (IN-HOUSE)	S100014	BCCO (140 W. FLAGLER) INSTALL KEY PAD ON 14TH FLOOR		20091001	22		
5	ELECTRICAL SHOP (IN-HOUSE)	S100017	HR (1930 SW 202 STREET) REPLACE ALL EXIT LIGHTS		20091002	35		
5	ELECTRICAL SHOP (IN-HOUSE)	S100020	GSA (111 NW 1 STREET) INSPECT 480V CIRCUIT/REPLACE PARTS IF NEEDED		20091002	21		
5	ELECTRICAL SHOP (IN-HOUSE)	S100023	CAA (16425 NW 25 AVE) INSTALL ADDITIONAL INTERNAL DOOR BUZZER/ SECRETARY STATION		20091002	11		
5	ELECTRICAL SHOP (IN-HOUSE)	S100025	GSA (5975 MIAMI LAKES DR.) LIGHTS IN REPAIR SHOP INOP		20091002	15		
5	ELECTRICAL SHOP (IN-HOUSE)	S100055	GSA (18701 NE 6 AVE) REPAIR LIGHTS IN SHOP AND STOCK ROOM		20091005	9		
5	ELECTRICAL SHOP (IN-HOUSE)	S100056	ETSD (6680 SW 87 AVE) INSTALL ELECTRIC CIRCUITS IN COMPUTER ROOM		20091005	49		
5	ELECTRICAL SHOP (IN-HOUSE)	S100068	GSA (8801 NW 58 STREET) ROLL UP GARAGE DOOR NOT CLOSING MANUALLY OR ELECTRONICALLY		20091006	5		
5	ELECTRICAL SHOP (IN-HOUSE)	S100081	HR (1600 NW 3 AVE) REPLACE PLUG IN MULTI PURPOSE ROOM		20091007	10		
5	ELECTRICAL SHOP (IN-HOUSE)	S100086	BMO (111 NW 1 STREET) REPLACE(2) DUPLEX RECEPTACLES FOR (2) GFI RECEPTACLES 5TH FLOOR MDT L		20091007	9		
5	ELECTRICAL SHOP (IN-HOUSE)	S100087	GSA/FLEET (8801 NW 58 STREET) ROLL UP DOOR WONT OPEN/ BAY #7 MOTOR IS NOISEY		20091007	6		
5	ELECTRICAL SHOP (IN-HOUSE)	S100088	HR (11930 SW 202 STREET) REPLACE LIGHTS AND OTHER REPAIRS		20091007	23		
5	ELECTRICAL SHOP (IN-HOUSE)	S100089	HR (1335 NW 14 STREET) HANDICAP PUSH BUTTON IS NOT WORKING		20091007	5		
5	ELECTRICAL SHOP (IN-HOUSE)	S100116	HR (550 NW 5TH STREET) INSTALL ELECTRICAL WALL OUTLET/120 VOLTS FOR STEAM TABLE		20091009	16		
5	ELECTRICAL SHOP (IN-HOUSE)	S100117	CAA(1600 NW 6 CT) INSTALL ELECTRICAL WALL OUTLET 120 VOLTS FOR STEAM TABLE		20091009	1		
5	ELECTRICAL SHOP (IN-HOUSE)	S100118	HR (1300 NW 50 STREET) INSTALL ELECTRICAL WALL OUTLET/120 VOLTS FOR STEAM TABLE		20091009	16		
5	ELECTRICAL SHOP (IN-HOUSE)	S100133	MDPD (15665 BISCAYNE BLVD) ENTRANCE FRONT GATE ISNOT FUNCTIONING		20091013	7		
5	ELECTRICAL SHOP (IN-HOUSE)	S100145	PW (7100 NW 36 STREET) A SECTION OF LIGHTS OUT IN SECOND OFFICE ON THE LEFT		20091013	18		
5	ELECTRICAL SHOP (IN-HOUSE)	S100146	TAX COLL. (140 W FLAGLER STREET) NEED A DEDICATOR LINE		20091013	19		
5	ELECTRICAL SHOP (IN-HOUSE)	S100149	PWD (960 STILLWATER DRIVE) REPLACE CEILING FAN		20091013	2		

Attachment 3

GSA's Renovation Services Section from April 1st 2009 to April 1st 2010 - Broward County Crew Size Comparison

TASK #	TASK DESCRIPTION	WOIST	NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401	DATE RECEIVED	HOURS	SHOP PEOPLE
5	ELECTRICAL SHOP (IN-HOUSE)	S100151	ETSD (6010 SW 87 AVE) INSTALL (2) 110/120 VAC, 20 AMPS ELECTRICAL OUTLETS	20091013	20	2
5	ELECTRICAL SHOP (IN-HOUSE)	S100173	PWD (701 SOLANO PRADO) OFF OLD CUTLER) REPLACE RUSTED LIGHT FIXTURE IN RESTROOM	20091016	17	1
5	ELECTRICAL SHOP (IN-HOUSE)	S100174	ETSD (6001 NW 72 AVE) (4) FLORESCENT BULBS BURNED OUT	20091016	5	1
5	ELECTRICAL SHOP (IN-HOUSE)	S100175	GSA (6100 SW 87 AVE) TRANSFER SWITCH BURNED	20091016	7	7
5	ELECTRICAL SHOP (IN-HOUSE)	S100184	HR (1600 NW 6 CT) PARKING LOT LIGHTS OUT	20091016	32	2
5	ELECTRICAL SHOP (IN-HOUSE)	S100186	GSA (2225 NW 72 AVE) ROLLUP DOOR INOPERABLE	20091016	6	6
5	ELECTRICAL SHOP (IN-HOUSE)	S100208	GSA (1351 NW 12 STREET) REPLACE CONTACTOR ON 4TH FLOOR	20091019	31.5	31.5
5	ELECTRICAL SHOP (IN-HOUSE)	S100230	TASC (11575 NW 7 AVE) SEVERAL LIGHTS NOT WORKING OUTSIDE	20091020	17	17
5	ELECTRICAL SHOP (IN-HOUSE)	S100231	HR (2902 NW 2 AVE) CHECK EMERGENCY LIGHTS	20091020	18	1
5	ELECTRICAL SHOP (IN-HOUSE)	S100259	GSA: NSP HOME INSPECTION REPAIR FOR 12403 SW 284 TERR BOX# AMQ FOLIO# 30 6936 002 0100:ROUN	20091020	21	21
5	ELECTRICAL SHOP (IN-HOUSE)	S100275	GSA/FUMD (5680 SW 87 AVE) PROVIDE AND INSTALL EXITDEVICE ON BURSTING ROOM DOOR	20091022	6	6
5	ELECTRICAL SHOP (IN-HOUSE)	S100278	BMO (111 NW 1 STREET) FIX LIGHT CONTROL PANEL	20091022	2	2
5	ELECTRICAL SHOP (IN-HOUSE)	S100279	GSA (1469 NW 13 TERRACE) RE-KEY BATHROOM LOCKS	20091022	1	1
5	ELECTRICAL SHOP (IN-HOUSE)	S100281	GSA (20000 NW 47 AVE) CHECK POLE LIGHTS SW CORNER OF LANDMARK	20091022	51	51
5	ELECTRICAL SHOP (IN-HOUSE)	S100309	HR (1600 NW 6 CT) RESET LIGHT TIMER IN BLDG. C	20091022	12	12
5	ELECTRICAL SHOP (IN-HOUSE)	S100310	HR (1600 NW 3 AVE) FLORESCENT BULB NOT LIGHTING UPCLASS ROOM/ INSTALL ADD. LIGHTING	20091022	24	24
5	ELECTRICAL SHOP (IN-HOUSE)	S100318	GSA/FUMD (101 W FLAGLER) REPLACE LIGHT STARTER AT MAM	20091022	39	39
5	ELECTRICAL SHOP (IN-HOUSE)	S100319	HR (1897 NW 20 STREET) ENTRANCE GATES DIFFICULT TO CLOSE	20091023	4	4
5	ELECTRICAL SHOP (IN-HOUSE)	S100320	HR (1600 NW 3 AVE) HANDLE ON OUTSIDE OF PUSH BAR DOOR IS MISSING A COVER/SHARP OBJECT PRC	20091023	1	1
5	ELECTRICAL SHOP (IN-HOUSE)	S100321	HR (1600 NW 3 AVE) NEED KEY TO SECURE AND UNLOCK DOORS	20091023	1	1
5	ELECTRICAL SHOP (IN-HOUSE)	S100323	GSA (201 NW 1 STREET) REPLACE BURNED OUT LIGHTS ON FUEL ISLAND	20091023	14	14
5	ELECTRICAL SHOP (IN-HOUSE)	S100350	FLEET (6100 SW 87 AVE) BAY 4 ROLL UP DOOR IS NOT CLOSING OR OPENING	20091026	6	6
5	ELECTRICAL SHOP (IN-HOUSE)	S100352	GSA (11805 SW 26 STREET) REPLACE A LOCK ON ONE OF THE MAIN DOORD AT MDPIC	20091026	2.5	2.5
5	ELECTRICAL SHOP (IN-HOUSE)	S100410	GSA (6100 SW 87 AVE) REPLACE LIGHTS THROUGH SHOP (2) FAN EXTRACTORS NOT WORKING	20091027	8	8
5	ELECTRICAL SHOP (IN-HOUSE)	S100412	HR (19590 OLD CUTLER RD/2) EMERGENCY LIGHTS IN BATHROOM AND (2) EMERGENCY EXIT LIGHTS NC	20091027	10	10
5	ELECTRICAL SHOP (IN-HOUSE)	S100413	GSA/FLEET (8801 NW 58 STREET) EXHAUST FAN ELECTRIC/PROBLEM/KEEPS STARTING LOUD BUZZING	20091027	8	8
5	ELECTRICAL SHOP (IN-HOUSE)	S100419	GSA/FUMD (11500 NW 25 STREET) INSTALL 110 VOLT OR 120 VOLT JUNCTION BOX	20091028	16	16
5	ELECTRICAL SHOP (IN-HOUSE)	S100426	GSA (11805 NW 26 STREET) ESTIMATE TO INSTALL ROWS OF NEW PENDANT FIXTURE LIGHTS/ALIGN WITH	20091029	51	51
5	ELECTRICAL SHOP (IN-HOUSE)	S100428	GSA (10710 SW 211 STREET) RUN 1/2 INCH FROM PENTHOUSE TO SECURITY OFFICE	20091029	33	33
5	ELECTRICAL SHOP (IN-HOUSE)	S100429	ANIMAL SERV (7401 NW 74 STREET) REPLACE DAMAGED LIGHT SWITCH	20091029	35	35
5	ELECTRICAL SHOP (IN-HOUSE)	S100440	PW (7100 NW 36 STREET) LIGHT BULBS OUT IN OFFICE	20091029	9	9
5	ELECTRICAL SHOP (IN-HOUSE)	S100501	FLA CITY (1600 NW 6 CT) ALL POLE LIGHTS NEED TO BECHECKED (6)	20091102	15	15
5	ELECTRICAL SHOP (IN-HOUSE)	S100502	ETSD (17602 SW 264 STREET) MERCURY LIGHT IN FRONT OF KROME & BAUER SITE WILL NOT STAY ON	20091102	19	19
5	ELECTRICAL SHOP (IN-HOUSE)	S100509	HR (825 W PALM DRIVE) ELECTRICAL SPARKING FIRE BLDG. 833 APT#3	20091102	11	11
5	ELECTRICAL SHOP (IN-HOUSE)	S100511	PW (960 STILL WATER DRIVE) INSTALL ELECTRICAL OUTLETS	20091102	17	17
5	ELECTRICAL SHOP (IN-HOUSE)	S100518	PW (1799 NE 198 TERR) FIX ELECTRICAL PANEL	20091103	17	17
5	ELECTRICAL SHOP (IN-HOUSE)	S100521	MDPD (9101 NW 25 STREET) FURNISH AND INSTALL ADD. ELECTRICAL CIRCUIT, 120 VOLT 20 AMP/W POWE	20091103	31	31
5	ELECTRICAL SHOP (IN-HOUSE)	S100524	HR (11575 NW 7 AVE) FLORESCENT LIGHTS OUT IN RECEPTION AREA	20091104	20	20
5	ELECTRICAL SHOP (IN-HOUSE)	S100525	HR (3190 NW 116 STREET) EMERGENCY LIGHTS IN MIDDLE/ENTRANCE NOT WORKING	20091104	8	8
5	ELECTRICAL SHOP (IN-HOUSE)	S100526	HR (11025 SW 84 STREET) DOOR TO TOOL SHED ROLLED OFF TRACK AND JAMMED	20091104	6	6
5	ELECTRICAL SHOP (IN-HOUSE)	S100527	GSA (270 NW 2 STREET) WEST PARKING LOT ALL LIGHTS ARE OFF	20091104	40.5	40.5
5	ELECTRICAL SHOP (IN-HOUSE)	S100538	ETSD (5680 SW 87 AVE) TWO RUSSELLSTOLL RS 9C33UO FLEXIBLE MOUNT IN TAPE LIBRARY	20091105	37	37
5	ELECTRICAL SHOP (IN-HOUSE)	S100539	GSA (2225 NW 72 AVE) (3) EMERGENCY LIGHTS ARE NOT WORKING	20091105	6	6
5	ELECTRICAL SHOP (IN-HOUSE)	S100546	PW (7100 NW 36 STREET) LIGHT OUT AT ENTRANCE AND 2ND OFFICE ON LEFT	20091105	5	5
5	ELECTRICAL SHOP (IN-HOUSE)	S100550	HR (1897 NW 20 STREET) CHANGE LIGHT TIMER/LIGHT IS OUT IN UNIT #7	20091106	9	9
5	ELECTRICAL SHOP (IN-HOUSE)	S100589	GSA/FLEET (703 NW 25 STREET) NW GARAGE DOOR CABLE BROKEN	20091106	15	15
5	ELECTRICAL SHOP (IN-HOUSE)	S100570	GSA (703 NW 25 STREET) LIGHTS OUT IN LADIES BATHROOM AND IN SHOP	20091106	21	21
5	ELECTRICAL SHOP (IN-HOUSE)	W90169	ETSD: SPCC- 18TH FLOOR ADD CIRCUITS TO EXISTING PDU.	20090311	67	67
5	ELECTRICAL SHOP (IN-HOUSE)	W90182	FUMD: CULTURAL CENTER- REWIRE LINE SIDE OF ATIS #3.	20090403	191	191
5	ELECTRICAL SHOP (IN-HOUSE)	W90183	LIBRARY: MAIN BRANCH- 3RD FLOOR ELECTRICAL FOR FURNITURE INSTALLATION.	20090403	164	164
5	ELECTRICAL SHOP (IN-HOUSE)	W90184	GIC: SPCC- 25TH FLOOR RELOCATE STAFF FROM THE 17TH FLOOR & RECONFIGURE 25TH FLOOR	20090403	2	2

Attachment 3

GSA's Renovation Services Section from April 1st 2009 to April 1st 2010 - Broward County Crew Size Comparison

GSA DCS RENOVATION SERVICES DETAIL NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401							
TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION	DATE RECEIVED	HOURS	SHOP PEOPLE	
5	ELECTRICAL SHOP (IN-HOUSE)	W90189	ETSD: RADIO SHOP- FIXED SYSTEMS BATTERY ROOM COOLING REQUIREMENTS.	20090406	12		
5	ELECTRICAL SHOP (IN-HOUSE)	W90190	ASD: SHELTER- ROOM #128 AC REPAIRS/REPLACEMENT.	20090407	2		
5	ELECTRICAL SHOP (IN-HOUSE)	W90192	SWMT: INCINERATOR- REPLACE LIGHT POLES.	20090409	102		
5	ELECTRICAL SHOP (IN-HOUSE)	W90193	GIC: SPOC- 25TH FLOOR TV CONTROL RENOVATIONS.	20090410	8		
5	ELECTRICAL SHOP (IN-HOUSE)	W90194	PA: SPOC- 7TH FLOOR CONFERENCE ROOM ELECTRICAL UPGRADES.	20090413	36		
5	ELECTRICAL SHOP (IN-HOUSE)	W90198	PMD: SPOC- 14TH FLOOR RECONFIGURATIONS & SPECIAL TAXING DISTRICT MOVE FROM OVERTOWN 4T	20090417	6.5		
5	ELECTRICAL SHOP (IN-HOUSE)	W90203	MPD: SPOC- 9TH FLOOR EXPAND CONFERENCE ROOM.	20090430	1		
5	ELECTRICAL SHOP (IN-HOUSE)	W90213	MDPD: 1B NORTH- HELIPAD LIGHTING.	20090508	576.5		
5	ELECTRICAL SHOP (IN-HOUSE)	W90214	OSBM: SPOC- 22ND FLOOR RELOCATE ITC STAFF FROM THE 25TH FLOOR.	20090508	128		
5	ELECTRICAL SHOP (IN-HOUSE)	W90216	FUMD: COOPERATIVE EXTENSION- REPLACE A CONDENSER COIL.OIL.	20090513	29		
5	ELECTRICAL SHOP (IN-HOUSE)	W90222	DHS: CLUMER NSC- REPAIR/REPLACE AN AC UNIT.	20090526	8		
5	ELECTRICAL SHOP (IN-HOUSE)	W90223	LIBRARY: W. FLAGLER BRANCH- NEW IRRIGATION SYSTEM.	20090527	8		
5	ELECTRICAL SHOP (IN-HOUSE)	W90227	FLEET: SHOP #3D- LIGHTING INSTALLATION.	20090604	50		
5	ELECTRICAL SHOP (IN-HOUSE)	W90234	ASD: SHELTER- REPLACE 2 AC UNITS.	20090612	2		
5	ELECTRICAL SHOP (IN-HOUSE)	W90232	GIC: SPOC- CHAMBERS CONTROL ROOM RENOVATIONS.	20090625	36		
5	ELECTRICAL SHOP (IN-HOUSE)	W90233	GIC: SPOC- CHAMBERS VARIOUS ELECTRIC RENOVATIONS.	20090625	309		
5	ELECTRICAL SHOP (IN-HOUSE)	W90264	GSA: FLORIDA MARLINS BALLPARK- PHASE II.	20090709	103		
5	ELECTRICAL SHOP (IN-HOUSE)	W90265	OSEM: SPOC- 25TH FLOOR FINANCE DEPARTMENT RECONFIGEXISTING SPACE & PREVIOUS FILM SPACE	20090709	30.5		
5	ELECTRICAL SHOP (IN-HOUSE)	W90267	MDPHA: 2301 CORAL WAY- 7TH FLOOR RELOCATE FURNITURE, FILE, & EQUIPMENT.	20090713	16		
5	ELECTRICAL SHOP (IN-HOUSE)	W90270	MDPHA: CARRIE MEEK CENTER- IMPLEMENT 40-YEAR RECERTIFICATION ELECTRICAL FINDINGS.	20090721	251		
5	ELECTRICAL SHOP (IN-HOUSE)	W90273	ETSD: MICCOSUEE- VARIOUS ELECTRICAL WORK.	20090722	18		
5	ELECTRICAL SHOP (IN-HOUSE)	W90286	LIBRARY: MAIN BRANCH - COMPUTER SERVICES RUN LINES FROM EXISTING PANEL TO NEW HARDWARE.	20090821	96		
5	ELECTRICAL SHOP (IN-HOUSE)	W90289	ETSD: RICHMOND TOWER- REPLACE CORRODED ELECTRICAL CONDUIT.	20090824	262		
5	ELECTRICAL SHOP (IN-HOUSE)	W90308	FUMD: CALEB CENTER- 4TH&5TH FLOORS DCS RENOVATIONS.	20090827	22		
5	ELECTRICAL SHOP (IN-HOUSE)	W90329	BCC: CALEB CENTER- 7TH FLOOR FURNITURE, BLINDS, ETC.	20090827	18		
5	ELECTRICAL SHOP (IN-HOUSE)	Z00039	SOUTHLADE GOVERNMENT CENTER- REFURBISH PUBLIC REST ROOMS.	20060302	186		
5	ELECTRICAL SHOP (IN-HOUSE)	Z00072	FUMD: DATA PROCESSING CENTER- IMPLEMENT FINDINGS FROM REPORT COMPILED UNDER: Z00026.	20071023	71		
5	ELECTRICAL SHOP (IN-HOUSE)	Z00084	ODAD: DSHS/NEW DIRECTIONS- CONSTRUCTION MANAGEMENT FOR ADA PROJECT- AD0058.	20080520	9		
5	ELECTRICAL SHOP (IN-HOUSE)	Z00089	PWD: SPOC- 14TH FLOOR CONNECT COMPUTER ROOM CIRCUITS TO EMERGENCY POWER.	20080814	12		
6	HVAC SHOP (IN-HOUSE)	E080165	DHS (7831 NE MIAMI CT) AC COMPRESSOR BAD/REPLACE	20091013	72		
6	HVAC SHOP (IN-HOUSE)	E080170	CAA, NORTH CTRY. HEAD START CTR. - AS PER FIRE RESCUE AC SYSTEM MUST BE CHECKED	20091214	8		
6	HVAC SHOP (IN-HOUSE)	E080179	CAA (1900 NW 75 STREET) CHECK AC UNITS	20100119	44		1
6	HVAC SHOP (IN-HOUSE)	E080180	GSA (9350 NW 12 STREET) REPAIR WATER LEAK ON CHILLER WATER LINE THAT FEED AC UNIT #4	20100204	13		1
6	HVAC SHOP (IN-HOUSE)	E080182	MEDICAL EXAMINER (1851 NW 10TH AVE) REPLACE AIR HANDLER UNIT AT MORGUE	20081010	15		2
6	HVAC SHOP (IN-HOUSE)	E080140	GSA (73 W FLAGLER) LEAK IN AIR HANDLER 626 JUDGES CHAMBERS	20090429	9		1
6	HVAC SHOP (IN-HOUSE)	E080150	GSA (2225 NW 72 AVE) WAREHOUSE AC NOT WORKING	20090708	27		1
6	HVAC SHOP (IN-HOUSE)	E080153	MDPD (9105 NW 26 STREET) CONDENSOR PUMP #1 IS LEAKING	20090726	2		1
6	HVAC SHOP (IN-HOUSE)	E080156	HR (6060 SW 66 STREET) UNIT IS FROZEN	20090824	12		1
6	HVAC SHOP (IN-HOUSE)	E080159	DATA PROCESSING (5680 SW 87 AVE) INSTALL TEMPERRARY AC SYSTEM	20090921	32.5		1
6	HVAC SHOP (IN-HOUSE)	E080160	GSA/DPCC (5680 SW 87 AVE) REPAIR CHILL WATER PUMP #3/INSTALL PRESSURE RELIVE VESSELS	20090922	40		1
6	HVAC SHOP (IN-HOUSE)	S095043	GSA/FLEET MNGMT.. SHOP 3C - AC NOT WORKING IN 2ND FLOOR	20090928	18		1
6	HVAC SHOP (IN-HOUSE)	S095051	PW (39 E.SUNRISE AVE.) AC LEAK	20090929	6		1
6	HVAC SHOP (IN-HOUSE)	S095053	PW (6331 ALLISON RD) AC PM	20090929	4		1
6	HVAC SHOP (IN-HOUSE)	S095054	PW (654 NE 76 STREET) AC PM	20090929	4		1
6	HVAC SHOP (IN-HOUSE)	S095055	PW (7651 NE 9 AVE) AC PM	20090929	4		1
6	HVAC SHOP (IN-HOUSE)	S095056	PW (1101 S. BISCAYNE PT. RD) AC PM	20090929	4		1
6	HVAC SHOP (IN-HOUSE)	S095057	PW (9320 SW 216 STREET) AC PM	20090929	4		1
6	HVAC SHOP (IN-HOUSE)	S095058	PW (8820 SW 216 STREET) AC PM	20090929	4		1
6	HVAC SHOP (IN-HOUSE)	S095059	PW (1799 NE 198 TERR) AC PM	20090929	4		1
6	HVAC SHOP (IN-HOUSE)	S095060	PW (5699 SW 144 STREET) AC PM	20090929	6		1
6	HVAC SHOP (IN-HOUSE)	S095061	16450 NE 35 AVE) AC PM	20090929	4		1

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GSA's Renovation Services Section from April 1st 2009 to April 1st 2010 - Broward County Crew Size Comparison

TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION	DATE RECEIVED	HOURS	SHOP PEOPLE
6	HV/AC SHOP (IN-HOUSE)	S095062	PW (3498 NE 164 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095063	PW (NE 23 AVE & NE 199 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095064	PW (NE22 AVE & NE192 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095065	PW (DOUGLAS RD & MATHESON AVE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095066	PW (3498 POINCIANA AVE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095067	PW (OLD CUTLER & 128 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095068	PW (OLD CUTLER RD& SW 134 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095069	PW (705 CAMPANA AVE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095070	PW (1999 NE 211 STREET) A/C PM	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095071	PW (VES DAIRY RD, HIGHLAND) A/C PM	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095072	PW (NE26 AVE & 209 TERR) A/C PM	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095074	(PW/12301 N BAYSHORE DR) A/C PM	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095075	PW (1899 IXORA LANE) A/C PM	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095076	PW (1899 KEYSTONE BLVD) A/C PM	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095077	PW (15711 TURNBERRY DRIVE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095078	PW (8281 BALGOWAN RD) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095079	PW (5780 NE 5 AVE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095080	PW (420 NE 50 TERR) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095081	PW (79TH STREET PKWY, NORTH BAY VILLAGE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095082	PW (201 NW 207 STREET) A/C PM	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095083	PW (200 NW 204 TERR) CHECK A/C	20090929	3.5	1
6	HV/AC SHOP (IN-HOUSE)	S095084	PW (19901 NE 21 AVE) A/C PM	20090929	2	1
6	HV/AC SHOP (IN-HOUSE)	S095085	PW (2351 NE 201 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095086	PW (700 SOLANO PRADO) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095087	(PW/150 PALM AVE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095088	PW (8201 NW 162 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095089	PW (8201 NW 168 STREET) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095090	PW (8111 NW 167 TERR) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095091	PW (16111 NW 79 AVE) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095092	PW (1800 NE 118 RD) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095093	PW (10500 OLD CUTLER) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095094	PW (1 BRIDGE RD.) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095095	PW (39 E.SUNRISE AVE.) A/C PM	20090929	4	1
6	HV/AC SHOP (IN-HOUSE)	S095100	HR (60 NE 166 STREET) A/C NOT WORKING ON SOUTH SIDE	20090929	11	1
6	HV/AC SHOP (IN-HOUSE)	S095101	GSA (980 W 84 STREET) A/C NOT WORKING/FRONT OFFICE	20090929	24	1
6	HV/AC SHOP (IN-HOUSE)	S095104	SW (24000 SW 97 AVE) A/C PM	20090929	7	1
6	HV/AC SHOP (IN-HOUSE)	S095105	SW (11500 NW 20 STREET) A/C PM	20090929	9	1
6	HV/AC SHOP (IN-HOUSE)	S095106	SW (21500 NW 47) A/C PM	20090929	6	1
6	HV/AC SHOP (IN-HOUSE)	S095108	SW (6990 NW 97 AVE) A/C PM	20090929	6	1
6	HV/AC SHOP (IN-HOUSE)	S095109	SW (8831 NW 58 STREET) A/C PM	20090929	6	1
6	HV/AC SHOP (IN-HOUSE)	S095110	SW (8785 NW 58 STREET) A/C PM	20090929	6	1
6	HV/AC SHOP (IN-HOUSE)	S095111	SW (8000 SW 107 AVE) A/C PM	20090929	8	1
6	HV/AC SHOP (IN-HOUSE)	S095112	SW (29000 SW 72 AVE) A/C PM	20090929	8	1
6	HV/AC SHOP (IN-HOUSE)	S095113	SW (24000 SW 97 AVE) A/C PM	20090929	7	1
6	HV/AC SHOP (IN-HOUSE)	S095114	SW (18701 NE 6 AVE) A/C PM	20090929	6	1
6	HV/AC SHOP (IN-HOUSE)	S095115	SW (18701 NE 6 AVE) A/C PM	20090929	6	1
6	HV/AC SHOP (IN-HOUSE)	S095122	GSA (1851 NW 10 AVE) RM 224A FREEZER NEEDS TO BE BETWEEN 24 AND 26 DEGREES FAHRENHEIT/PE	20090929	55	13
6	HV/AC SHOP (IN-HOUSE)	S095130	CAA (21300 SW 122 AVE) WATER LEAKING FROM A/C IN CAFETERIA	20090930	25	1
6	HV/AC SHOP (IN-HOUSE)	S100001	MDPD (2950 NW 83 STREET) ICE MACHINE NOT AT NORTH SIDE STATION NOT FUNCTIONING	20091001	12	1
6	HV/AC SHOP (IN-HOUSE)	S100002	PW (7100 NW 36 STREET) ICE MAKER NEEDS TO BE CLEANED	20091001	21	1
6	HV/AC SHOP (IN-HOUSE)	S100015	PW (7100 NW 36 STREET) A/M PM (CHANGE FILTERS)	20091001	21	1

Attachment 3

GSA's Renovation Services Section from April 1st 2009 to April 1st 2010 - Broward County Crew Size Comparison

GSA DCS RENOVATION SERVICES DETAIL NUMBER OF JOBS/HOURS BY TRADE SHOP FOR PERIOD 20090401 THRU 20100401						
TASK #	TASK DESCRIPTION	WOIST	WOIST DESCRIPTION	DATE RECEIVED	HOURS	SHOP PEOPLE
6	HVAC SHOP (IN-HOUSE)	S100016	SW (24000 SW 97 AVE) A/C UNIT NOT COOLING	2009/1001	13	
6	HVAC SHOP (IN-HOUSE)	S100029	HR (653 SW 4 STREET) CHANGE A/C FILTERS	2009/1002	10	
6	HVAC SHOP (IN-HOUSE)	S100047	GSA/FLEET (9109 NW 25 STREET) A/C NOT WORKING	2009/1005	10	
6	HVAC SHOP (IN-HOUSE)	S100054	GSA (1851 NW 10 AVE) ICE ON BACK UP EVAPORATOR UNIT FOR COOLER #3	2009/1005	60	
6	HVAC SHOP (IN-HOUSE)	S100067	HR (3190 NW 116 STREET) A/C OUTSIDE NOT WORKING	2009/1006	6	
6	HVAC SHOP (IN-HOUSE)	S100075	HR (13955 SW 264 STREET) A/C NOT WORKING	2009/1006	21	
6	HVAC SHOP (IN-HOUSE)	S100076	PW (16111 NW 79 AVE) A/C NOT COOLING	2009/1006	9	
6	HVAC SHOP (IN-HOUSE)	S100080	HR (1600 NW 3 AVE) A/C IN CONFERENCE ROOM C NEEDS TO BE CHECKED	2009/1007	13	
6	HVAC SHOP (IN-HOUSE)	S100083	SW (1150 NW 20 STREET) WATER DRAINING FROM A/C UNIT	2009/1007	6	
6	HVAC SHOP (IN-HOUSE)	S100084	GSA (864 NW 23 STREET) ICE MACHINE (2)	2009/1007	7	

GSA
Design and Construction Services Division
OPERATIONAL RATE STRUCTURE
FISCAL YEAR 2010-2011

CATEGORIES**A. MATERIALS – Cost + 10%****B. OUTSIDE CONTRACTOR – Cost + 10%****C. CONTRACT ASSIST – Cost + 10%****D. LABOR RATES****Rate****Staff**1. Repairers, Painters, Maintenance Mechanics,
Masons, Clerk 4 (Plan Runner)

\$55

17

2. Journeyman
Construction and Renovation Supervisor
Locksmith
Graphic Technicians

\$65

40

3. Construction Manager 1, Con Field Rep,
Architect 2, Architect Drafter 2
Engineer 2
Shop Leadworkers
Interior Designers

\$75

22

4. Construction Manager 2 & 3, Engineer 3,
Landscape Architect 3, Shop Supervisors
Sr. Professional Engineer, Professional Engineer,
Architect 3 & 4, Sr. Registered Architect, GOB Coordinator,
Signage Manager, Special Projects Manager, SPA 1

\$95

48

Staff	Position	Bill Rate	Bill Hours	Revenue
16	Administrative Staff	----	0	\$ -----
17	Billing Group 1	\$ 55.00	1664	\$ 1,555,800
40	Billing Group 2	\$ 65.00	1664	\$ 4,326,400
22	Billing Group 3	\$ 75.00	1664	\$ 2,745,600
48	Billing Group 4	\$ 95.00	1664	\$ 7,588,000
143	Total		211,328 hrs	\$ 16,215,800

Attachment 5 - Sheet 1
GSA Design and Construction Services
Direct and Indirect Costs w/in Division
FY2009-10 FINAL

Occ. Code	Number	Sal & Frng.	Direct Sal. & Frng.	Indirect Sal. & Frng.	Hourly Sal. & Frng.	Admin. Overhead Rate 7%	Other Overhead from FAMIS	Total Cost Rate	% Billable Hours	Billing Rate	Effective Billing Rate	Billing Rate Difference	Cumulative Difference per Hour
000012	Clerk 3	1	48,599		48,599	23							
000013	Clerk 4	3	183,083		183,083	29							
000013	Clerk 4 (Permit Runner)	1	61,028	61,028		29	2	15	47	84%	55	46	0
000094	Administrative Secretary	1	62,578		62,578	30							
000221	Storekeeper 2	1	75,055		75,055	36							
000268	Graphics Technician 2	4	297,693	297,693		36	3	15	54	62%	65	40	-13
000270	Buyer	1	82,102		82,102	39							
000290	GSA Operations Coordinator	1	125,315		125,315	60							
000291	Manager, GSA A & E Services	1	137,412	137,412		66	5	15	86	21%	95	20	-66
000294	Manager, GSA Construction Manag.	1	120,296	120,296		58	4	15	77	25%	95	24	-53
000297	Division Director 2 GSA	1	179,556		179,556	86							
000831	Special Projects Administrator 1	1	91,128	91,128		44	3	15	62	66%	95	63	1
001021	Engineer 2	4	376,890	376,890		45	3	15	64	80%	75	60	-4
001022	Engineer 3	1	101,537	101,537		49	3	15	68	80%	95	76	8
001025	CADD Specialist	2	157,699	157,699		38	3	15	56	80%	75	60	4
001029	Architectural Drafter 2	2	119,367	119,367		29	2	15	46	80%	75	60	14
001033	Architect 2	2	208,758	208,758		50	4	15	69	80%	75	60	-9
001034	Architect 3	5	517,744	517,744		50	3	15	69	80%	95	76	7
001035	Architect 4	1	107,117	107,117		51	4	15	70	80%	95	76	6
001050	Professional Engineer	3	284,989	284,989		46	3	15	64	80%	95	76	12
001051	Senior Professional Engineer	3	389,990	389,990		62	4	15	82	80%	95	76	-6
001053	Senior Registered Architect	1	120,605	120,605		58	4	15	77	80%	95	76	-1
006101	Maintenance Mechanic	6	391,691	391,691		31	2	15	49	84%	55	46	-3
006423	GSA Projects Cost & Sched. Spec.	1	115,830		115,830	56							
006426	Construction & Renovation Super. 1	2	184,406	184,406		44	3	15	63	81%	65	53	-10
006477	Signage & Design Manager	1	133,683	133,683		64	4	15	84	88%	95	84	0
006481	Interior Design Specialist	9	881,163	881,163		47	3	15	66	85%	75	64	-2
006483	GSA Projects Manager	1	140,895	140,895		68	5	15	88	79%	95	75	-13
006484	Manager, GSA Design Services	1	154,309		154,309	74							
006486	GOB Construction Coordinator	1	110,044	110,044		53	4	15	72	45%	95	43	-29
006492	Manager, GSA Renovation Services	1	119,802	119,802		58	4	15	77	33%	95	31	-46
006501	Maintenance Repairer	2	114,506	114,506		28	2	15	45	83%	55	46	1
006506	Locksmith	1	67,675	67,675		33	2	15	50	85%	65	55	5
006508	Carpenter	12	951,820	951,820		38	3	15	56	67%	65	44	-13
006509	Carpenter Supervisor	1	79,405	79,405		38	3	15	56	67%	75	50	-6
006510	Electrician	11	866,972	866,972		38	3	15	56	75%	65	49	-7
006512	Electrician Supervisor	1	86,985	86,985		42	3	15	60	75%	75	56	-4
006515	Mason	2	131,982	131,982		32	2	15	49	80%	55	44	-5
006516	Painter	5	342,578	342,578		33	2	15	51	45%	55	25	-26
006517	Spray Painter	1	70,819	70,819		34	2	15	52	45%	55	25	-27
006527	Plumber	5	410,971	410,971		40	3	15	58	64%	65	42	-16
006528	Plumber Supervisor	1	112,156	112,156		54	4	15	73	64%	75	48	-25
006532	Refrigeration/Air Conditioner Mechanic	6	488,633	488,633		39	3	15	57	96%	65	62	5
006533	Refrig./Air Conditioner Super.	1	103,057	103,057		50	3	15	68	96%	75	72	4
006601	Construction Field Representative	3	293,308	293,308		47	3	15	66	74%	75	56	-10
006610	Construction Manager 1	4	386,717	386,717		46	3	15	65	74%	75	56	-10
006611	Construction Manager 2	20	2,490,268	2,490,268		60	4	15	79	74%	95	70	-9
006612	Construction Manager 3	8	1,134,373	1,134,373		68	5	15	88	74%	95	70	-18
007359	Landscape Architect 3	1	94,277	94,277		45	3	15	64	80%	95	76	12
009457	GOB Construction Analyst	1	102,656	102,656		49	3	15	68	87%	95	83	15
													-1,078
Totals		150	14,409,521	\$13,383,095	\$1,026,427								
			100%	93%	7%								
												Annualized -	-\$2,242,376

Labor Cost to Fill-Out Time Sheets @4% of Direct Cost - \$535,324

 = Non-Billable Positions

Attachment 5 - Sheet 2
GSA Design and Construction Services
Direct and Indirect Costs w/in Division 80% Scenario
FY2009-10 FINAL

Occ. Code	Number	Sal & Frng.	Direct Sal. & Frng.	Indirect Sal. & Frng.	Hourly Sal. & Frng.	Admin. Overhead Rate 7%	Other Overhead Rate	Total Cost Rate	% Billable Hours	Billing Rate	Effective Billing Rate	Billing Rate Difference	Cumulative Difference per Hour
000012	Clerk 3	1	48,599		48,599	23							
000013	Clerk 4	3	183,083		183,083	29							
000013	Clerk 4 (Permit Runner)	1	61,028	61,028		29	2	15	47	80%	55	44	-3
000094	Administrative Secretary	1	62,578		62,578	30							
000221	Storekeeper 2	1	75,055		75,055	36							
000268	Graphics Technician 2	4	297,693	297,693		36	3	15	54	80%	65	52	-2
000270	Buyer	1	82,102		82,102	39							
000290	GSA Operations Coordinator	1	125,315		125,315	60							
000291	Manager, GSA A & E Services	1	137,412	137,412		66	5	15	86	80%	95	76	-10
000294	Manager, GSA Construction Manag.	1	120,296	120,296		58	4	15	77	80%	95	76	-1
000297	Division Director 2 GSA	1	179,556		179,556	86							
000831	Special Projects Administrator 1	1	91,128	91,128		44	3	15	62	80%	95	76	14
001021	Engineer 2	4	376,890	376,890		45	3	15	64	80%	75	60	-4
001022	Engineer 3	1	101,537	101,537		49	3	15	68	80%	95	76	8
001025	CADD Specialist	2	157,699	157,699		38	3	15	56	80%	75	60	4
001029	Architectural Drafter 2	2	119,367	119,367		29	2	15	46	80%	75	60	14
001033	Architect 2	2	208,758	208,758		50	4	15	69	80%	75	60	-9
001034	Architect 3	5	517,744	517,744		50	3	15	69	80%	95	76	7
001035	Architect 4	1	107,117	107,117		51	4	15	70	80%	95	76	6
001050	Professional Engineer	3	284,989	284,989		46	3	15	64	80%	95	76	12
001051	Senior Professional Engineer	3	389,990	389,990		62	4	15	82	80%	95	76	-6
001053	Senior Registered Architect	1	120,605	120,605		58	4	15	77	80%	95	76	-1
006101	Maintenance Mechanic	6	391,691	391,691		31	2	15	49	80%	55	44	-5
006423	GSA Projects Cost & Sched. Spec.	1	115,830		115,830	56							
006426	Construction & Renovation Super. 1	2	184,406	184,406		44	3	15	63	80%	65	52	-11
006477	Signage & Design Manager	1	133,683	133,683		64	4	15	84	80%	95	76	-8
006481	Interior Design Specialist	9	881,163	881,163		47	3	15	66	80%	75	60	-6
006483	GSA Projects Manager	1	140,895	140,895		68	5	15	88	80%	95	76	-12
006484	Manager, GSA Design Services	1	154,309		154,309	74							
006486	GOB Construction Coordinator	1	110,044	110,044		53	4	15	72	80%	95	76	4
006492	Manager, GSA Renovation Services	1	119,802	119,802		58	4	15	77	80%	95	76	-1
006501	Maintenance Repairer	2	114,506	114,506		28	2	15	45	80%	55	44	-1
006506	Locksmith	1	67,675	67,675		33	2	15	50	80%	65	52	2
006508	Carpenter	12	951,820	951,820		38	3	15	56	80%	65	52	-4
006509	Carpenter Supervisor	1	79,405	79,405		38	3	15	56	80%	75	60	4
006510	Electrician	11	866,972	866,972		38	3	15	56	80%	65	52	-4
006512	Electrician Supervisor	1	86,985	86,985		42	3	15	60	80%	75	60	0
006515	Mason	2	131,982	131,982		32	2	15	49	80%	55	44	-5
006516	Painter	5	342,578	342,578		33	2	15	51	80%	55	44	-7
006517	Spray Painter	1	70,819	70,819		34	2	15	52	80%	55	44	-8
006527	Plumber	5	410,971	410,971		40	3	15	58	80%	65	52	-6
006528	Plumber Supervisor	1	112,156	112,156		54	4	15	73	80%	75	60	-13
006532	Refrigeration/Air Conditioner Mechanic	6	488,633	488,633		39	3	15	57	80%	65	52	-5
006533	Refrig./Air Conditioner Super.	1	103,057	103,057		50	3	15	68	80%	75	60	-8
006601	Construction Field Representative	3	293,308	293,308		47	3	15	66	80%	75	60	-6
006610	Construction Manager 1	4	386,717	386,717		46	3	15	65	80%	75	60	-5
006611	Construction Manager 2	20	2,490,268	2,490,268		60	4	15	79	80%	95	76	-3
006612	Construction Manager 3	8	1,134,373	1,134,373		68	5	15	88	80%	95	76	-12
007359	Landscape Architect 3	1	94,277	94,277		45	3	15	64	80%	95	76	12
009457	GOB Construction Analyst	1	102,656	102,656		49	3	15	68	80%	95	76	8
													-455
Totals		150	14,409,521	\$13,383,095	\$1,026,427								
			100%	93%	7%						Annualized -		-\$946,848

Labor Cost to Fill-Out Time Sheets @4% of Direct Cost -

\$535,324

= Non-Billable Positions

Attachment 5 - Sheet 3
GSA Design and Construction Services
Direct and Indirect Costs w/in Division - 80% Billable - Plus Increase in Trade Rates
FY2009-10 FINAL

Occ. Code		Number	Sal & Frng.	Direct Sal. & Indirect Sal. & Hourly Sal.			Admin. Overhead Rate 7%	Other Overhead Rate	Total Cost Rate	% Billable Hours	Billing Rate	Effective Billing Rate		Cumulative Difference per Hour
				Frng.	Frng.	& Frng.						Billing Rate	Billing Rate Difference	
000012	Clerk 3	1	48,599		48,599	23								
000013	Clerk 4	3	183,083		183,083	29								
000013	Clerk 4 (Permit Runner)	1	61,028	61,028		29	2	15	47	80%	55	44	-3	-3
000094	Administrative Secretary	1	62,578		62,578	30								
000221	Storekeeper 2	1	75,055		75,055	36								
000268	Graphics Technician 2	4	297,693	297,693		36	3	15	54	80%	65	52	-2	-6
000270	Buyer	1	82,102		82,102	39								
000290	GSA Operations Coordinator	1	125,315		125,315	60								
000291	Manager, GSA A & E Services	1	137,412	137,412		66	5	15	86	80%	95	76	-10	-10
000294	Manager, GSA Construction Manag.	1	120,296	120,296		58	4	15	77	80%	95	76	-1	-1
000297	Division Director 2 GSA	1	179,556		179,556	86								
000831	Special Projects Administrator 1	1	91,128	91,128		44	3	15	62	80%	95	76	14	14
001021	Engineer 2	4	376,890	376,890		45	3	15	64	80%	75	60	-4	-15
001022	Engineer 3	1	101,537	101,537		49	3	15	68	80%	95	76	8	8
001025	CADD Specialist	2	157,699	157,699		38	3	15	56	80%	75	60	4	8
001029	Architectural Drafter 2	2	119,367	119,367		29	2	15	46	80%	75	60	14	28
001033	Architect 2	2	208,758	208,758		50	4	15	69	80%	75	60	-9	-18
001034	Architect 3	5	517,744	517,744		50	3	15	69	80%	95	76	7	37
001035	Architect 4	1	107,117	107,117		51	4	15	70	80%	95	76	6	6
001050	Professional Engineer	3	284,989	284,989		46	3	15	64	80%	95	76	12	35
001051	Senior Professional Engineer	3	389,990	389,990		62	4	15	82	80%	95	76	-6	-19
001053	Senior Registered Architect	1	120,605	120,605		58	4	15	77	80%	95	76	-1	-1
006101	Maintenance Mechanic	6	391,691	391,691		31	2	15	49	80%	60	48	-1	-5
006423	GSA Projects Cost & Sched. Spec.	1	115,830		115,830	56								
006426	Construction & Renovation Super. 1	2	184,406	184,406		44	3	15	63	80%	65	52	-11	-21
006477	Signage & Design Manager	1	133,683	133,683		64	4	15	84	80%	95	76	-8	-8
006481	Interior Design Specialist	9	881,163	881,163		47	3	15	66	80%	75	60	-6	-51
006483	GSA Projects Manager	1	140,895	140,895		68	5	15	88	80%	95	76	-12	-12
006484	Manager, GSA Design Services	1	154,309		154,309	74								
006486	GOB Construction Coordinator	1	110,044	110,044		53	4	15	72	80%	95	76	4	4
006492	Manager, GSA Renovation Services	1	119,802	119,802		58	4	15	77	80%	95	76	-1	-1
006501	Maintenance Repairer	2	114,506	114,506		28	2	15	45	80%	55	44	-1	-2
006506	Locksmith	1	67,675	67,675		33	2	15	50	80%	75	60	10	10
006508	Carpenter	12	951,820	951,820		38	3	15	56	80%	75	60	4	47
006509	Carpenter Supervisor	1	79,405	79,405		38	3	15	56	80%	85	68	12	12
006510	Electrician	11	866,972	866,972		38	3	15	56	80%	75	60	4	46
006512	Electrician Supervisor	1	86,985	86,985		42	3	15	60	80%	85	68	8	8
006515	Mason	2	131,982	131,982		32	2	15	49	80%	65	52	3	6
006516	Painter	5	342,578	342,578		33	2	15	51	80%	65	52	1	7
006517	Spray Painter	1	70,819	70,819		34	2	15	52	80%	65	52	0	0
006527	Plumber	5	410,971	410,971		40	3	15	58	80%	75	60	2	12
006528	Plumber Supervisor	1	112,156	112,156		54	4	15	73	80%	85	68	-5	-5
006532	Refrigeration/Air Conditioner Mechanic	6	488,633	488,633		39	3	15	57	80%	75	60	3	17
006533	Refrig./Air Conditioner Super.	1	103,057	103,057		50	3	15	68	80%	85	68	0	0
006601	Construction Field Representative	3	293,308	293,308		47	3	15	66	80%	75	60	-6	-17
006610	Construction Manager 1	4	386,717	386,717		46	3	15	65	80%	75	60	-5	-20
006611	Construction Manager 2	20	2,490,268	2,490,268		60	4	15	79	80%	95	76	-3	-67
006612	Construction Manager 3	8	1,134,373	1,134,373		68	5	15	88	80%	95	76	-12	-98
007359	Landscape Architect 3	1	94,277	94,277		45	3	15	64	80%	95	76	12	12
009457	GOB Construction Analyst	1	102,656	102,656		49	3	15	68	80%	95	76	8	8
Totals		160	14,409,521	\$13,383,095	\$1,026,427									
			100%	93%	7%							Annualized -		-\$114,848

Labor Cost to Fill-Out Time Sheets @4% of Direct Cost - \$535,324

= Non-Billable Positions

Attachment 5 - Sheet 4
GSA Design and Construction Services
Direct and Indirect Costs w/in Division - 80% Billable - Plus Increase in Multiple Rates
FY2009-10 FINAL

Occ. Code	Number	Sal & Frng.	Direct Sal. & Frng.	Indirect Sal. & Frng.	Hourly Sal. & Frng.	Admin. Overhead Rate 7%	Other Overhead Rate	Total Cost Rate	% Billable Hours	Billing Rate	Effective Billing Rate	Billing Rate Difference	Cumulative Difference per Hour
000012	Clerk 3	1	48,599		48,599	23							
000013	Clerk 4	3	183,083		183,083	29							
000013	Clerk 4 (Permit Runner)	1	61,028	61,028		29	2	15	47	80%	55	44	-3
000094	Administrative Secretary	1	62,578		62,578	30							
000221	Storekeeper 2	1	75,055		75,055	36							
000268	Graphics Technician 2	4	297,693	297,693		36	3	15	54	80%	65	52	-2
000270	Buyer	1	82,102		82,102	39							
000290	GSA Operations Coordinator	1	125,315		125,315	60							
000291	Manager, GSA A & E Services	1	137,412	137,412		66	5	15	86	80%	95	76	-10
000294	Manager, GSA Construction Manag.	1	120,296	120,296		58	4	15	77	80%	95	76	-1
000297	Division Director 2 GSA	1	179,556		179,556	86							
000831	Special Projects Administrator 1	1	91,128	91,128		44	3	15	62	80%	95	76	14
001021	Engineer 2	4	376,890	376,890		45	3	15	64	80%	80	64	0
001022	Engineer 3	1	101,537	101,537		49	3	15	68	80%	95	76	8
001025	CADD Specialist	2	157,699	157,699		38	3	15	56	80%	75	60	4
001029	Architectural Drafter 2	2	119,367	119,367		29	2	15	46	80%	75	60	14
001033	Architect 2	2	208,758	208,758		50	4	15	69	80%	85	68	-1
001034	Architect 3	5	517,744	517,744		50	3	15	69	80%	95	76	7
001035	Architect 4	1	107,117	107,117		51	4	15	70	80%	95	76	6
001050	Professional Engineer	3	284,989	284,989		46	3	15	64	80%	95	76	12
001051	Senior Professional Engineer	3	389,990	389,990		62	4	15	82	80%	95	76	-6
001053	Senior Registered Architect	1	120,605	120,605		58	4	15	77	80%	95	76	-1
006101	Maintenance Mechanic	6	391,691	391,691		31	2	15	49	80%	60	48	-1
006423	GSA Projects Cost & Sched. Spec.	1	115,830		115,830	56							
006426	Construction & Renovation Super. 1	2	184,406	184,406		44	3	15	63	80%	80	64	1
006477	Signage & Design Manager	1	133,683	133,683		64	4	15	84	80%	95	76	-8
006481	Interior Design Specialist	9	881,163	881,163		47	3	15	66	80%	85	68	2
006483	GSA Projects Manager	1	140,895	140,895		68	5	15	88	80%	95	76	-12
006484	Manager, GSA Design Services	1	154,309		154,309	74				80%			
006486	GOB Construction Coordinator	1	110,044	110,044		53	4	15	72	80%	95	76	4
006492	Manager, GSA Renovation Services	1	119,802	119,802		58	4	15	77	80%	95	76	-1
006501	Maintenance Repairer	2	114,506	114,506		28	2	15	45	80%	55	44	-1
006506	Locksmith	1	67,675	67,675		33	2	15	50	80%	75	60	10
006508	Carpenter	12	951,820	951,820		38	3	15	56	80%	75	60	4
006509	Carpenter Supervisor	1	79,405	79,405		38	3	15	56	80%	85	68	12
006510	Electrician	11	866,972	866,972		38	3	15	56	80%	75	60	4
006512	Electrician Supervisor	1	86,985	86,985		42	3	15	60	80%	85	68	8
006515	Mason	2	131,982	131,982		32	2	15	49	80%	65	52	3
006516	Painter	5	342,578	342,578		33	2	15	51	80%	65	52	1
006517	Spray Painter	1	70,819	70,819		34	2	15	52	80%	65	52	0
006527	Plumber	5	410,971	410,971		40	3	15	58	80%	75	60	2
006528	Plumber Supervisor	1	112,156	112,156		54	4	15	73	80%	85	68	-5
006532	Refrigeration/Air Conditioner Mechanic	6	488,633	488,633		39	3	15	57	80%	75	60	3
006533	Refrig./Air Conditioner Super.	1	103,057	103,057		50	3	15	68	80%	85	68	0
006601	Construction Field Representative	3	293,308	293,308		47	3	15	66	80%	75	60	-6
006610	Construction Manager 1	4	386,717	386,717		46	3	15	65	80%	80	64	-1
006611	Construction Manager 2	20	2,490,268	2,490,268		60	4	15	79	80%	95	76	-3
006612	Construction Manager 3	8	1,134,373	1,134,373		68	5	15	88	80%	95	76	-12
007359	Landscape Architect 3	1	94,277	94,277		45	3	15	64	80%	95	76	12
009457	GOB Construction Analyst	1	102,656	102,656		49	3	15	68	80%	95	76	8
89													
Totals		150	14,409,521	\$13,383,095	\$1,026,427								
			100%	93%	7%								
Annualized -												\$184,672	

Labor Cost to Fill-Out Time Sheets @4% of Direct Cost - \$535,324

 = Non-Billable Positions

Design and Construction Services

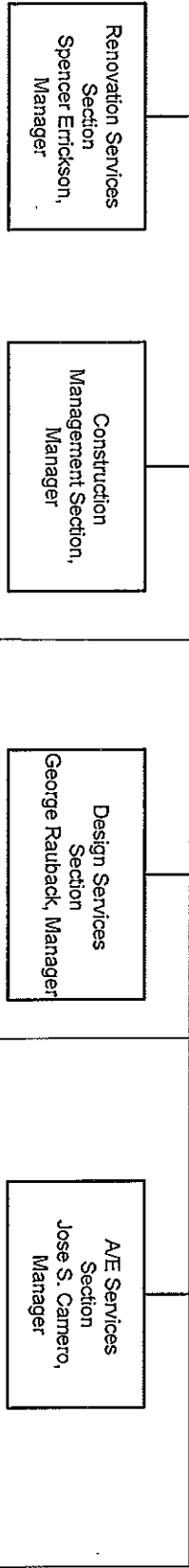
Division

Fiscal 2009 -10

Admin Secretary 1
Proj Cost Sched 1
GSA Admin Coord 1
Clerk 4 (ST Intake) 1

FTE 5
Clerical Temp 1

DCS Division Director's Office
Jose R. Perez, Director



Con Mgr 3 9
Con Mgr 2 13
Con Mgr 1 2
Con Field Rep 3

Clerk 4 1
Int Design Spec 9
CADD Specialist 1

Sr. Registered Arch 1
Architect 4 1
Architect 3 5
Architect 2 2
Sr. Prof Engineer 3
Professional Engineer 3
Engineer 3 1
Engineer 2 4
CADD Specialist 1
Arch Draft 2 1
Landscape Arch 3 1

Con Renov Supv 2
Maint Mech 7
Maint Repairer 2
Locksmith 1
Carpenter Supv 1

FTE 28
TEMP 0

Special Projects Management Unit
Humberto Contreras, Manager

Graphics Unit
Michael Smart, Manager

FTE 24
TEMP 0

Carpenter 12
Electrician Supv 1
Electrician 10
Plumber Supv 1
Plumber 5
Painter 5
Mason 2
Spray painter 1
Refrig/AC Supv 1
Refrig/AC Mech 6
Storekeeper 1
Buyer 1

FTE 12
TEMP 0

Con Mgr 2 1
Con Mgr 1 1
Arch Drafter 2 1
Design Temp 1

Graphics Tech 2 4
FTE 5
TEMP 0

FTE 4
TEMP 0

FTE 68
TEMP 15

Design & Construction Services
Division Wide Total Staff
2009-10
150 FTE's

17 Temporary Agency Staff
1/10

Attachment 7

Design and Construction Services Division FY2008-09**Revenues and Expenditures by Section**

	<u>Administration</u>	<u>Renovation</u>	<u>Design</u>	<u>A & E</u>	<u>Proj. Mgmt.</u>	<u>Totals</u>
Beginning Balance @ 10-01-08	94,593	(2,822,168)	1,507,242	922,916	(947,993)	(1,245,410)
Revenues	4,000,000 173,192	9,952,680	10,226,307	4,045,816	7,896,704	36,294,699
Expenditures	(3,219,020)	(10,958,074)	(8,047,967)	(2,406,590)	(6,166,605)	(30,798,256)
Transfers	(906,000)	0	(1,200,000)	(2,000,000)	(800,000)	(4,906,000)
Ending Balance @ 09-30-09	142,765	(3,827,562)	2,485,582	562,142	(17,894)	(654,967)

APPENDIX

JOB ORDER CONTRACT FOR ORANGE COUNTY FLORIDA 2008

BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
AMENDMENT NO. 2/CONTRACT NO. Y6-1016A

JOB ORDER CONTRACT (JOC) FOR CONSTRUCTION NOT GREATER
THAN \$100,000.00 - Lot A
November 25, 2008

This amendment is hereby incorporated into the contract documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~strike through~~.

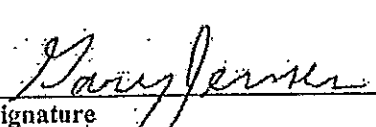
This Amendment is issued in accordance with Part F, Article 27 of this contract, entitled: Option to Extend the Term of the Contract, as follows:

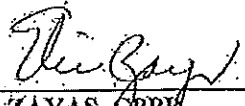
The term of this contract is hereby extended for one (1) additional year from December 8, 2008 through December 7, 2009, at the same rates, multipliers and terms and conditions.

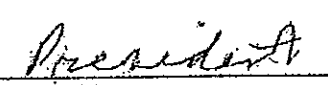
All other terms and conditions of the original Contract remain unchanged.

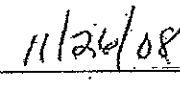
TERRA FIRMA CONSTRUCTION
MANAGEMENT, INC.
ORLANDO, FLORIDA

BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY FLORIDA


Signature


ELIA B. ZAYAS, CPPB
SENIOR CONTRACT ADMINISTRATOR


Office Title


Date

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
AMENDMENT NO. 1/CONTRACT NO. Y6-1016A**

**JOB ORDER CONTRACT (JOC) FOR CONSTRUCTION NOT GREATER
THAN \$100,000.00 -- Lot A
November 16, 2007**

This amendment is hereby incorporated into the contract documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~strikethrough~~.

This Amendment is issued in accordance with Part F, Article 27 of this contract, entitled: Option to Extend the Term of the Contract, as follows:

The term of this contract is hereby extended for one (1) additional year from December 8, 2007 through December 7, 2008, at the same rates, multipliers and terms and conditions.

All other terms and conditions of the original Contract remain unchanged.

**TERRA FIRMA CONSTRUCTION
MANAGEMENT, INC.
ORLANDO, FLORIDA**

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY FLORIDA**

Signature

President
Office Title

ELIA B. ZAYAS, CPFB

SENIOR CONTRACT ADMINISTRATOR

Date

11/16/07

Contract No: Y6-1016A

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
CONSTRUCTION TERM CONTRACT**

CONTRACT:

Made between the Board of County Commissioners, Orange County, Florida (hereinafter called COUNTY), represented by the Manager of Purchasing and Contracts executing this Contract, and:

**TERRA FIRMA CONSTRUCTION MANAGEMENT, INC.
P.O. Box 618063
Orlando, Florida 32864**

Federal Identification Number: 59-3428760

The CONTRACTOR shall perform all the Work required by the Contract Documents for the proper execution and completion of **JOB ORDER CONTRACT (JOC) FOR CONSTRUCTION NOT GREATER THAN \$100,000.00 – Lot A** in full accordance with the drawings and as elaborated in the specifications of Request for Proposals No. Y6-1016-EZ (hereinafter referred to as RFP) which is made a part of this Contract as completely as if set forth herein.

AMOUNT OF CONTRACT:

The County will pay the Contractor in current funds, and in accordance with the progress payment schedule as stated herein, for the performance of the work, subject to additions and deductions by Change Order as provided in the Contract Documents, the amounts established in each individual Job Order/Purchase Order.

ASBESTOS FREE MATERIALS:

All work under this Contract will be constructed with asbestos free materials. A written, notarized statement on company letterhead is to be submitted with the executed Contract certifying this fact. All payments shall be withheld until such statement is submitted.

Contractor shall agree that if materials containing asbestos are subsequently discovered at any future time to have been included in the construction done by the Contractor or any of its Subcontractors or agents and were not specified in the design or required by the Contract document, Contractor shall be liable for all costs related to the abatement of such asbestos and damages or claims against the County.

ADMINISTRATIVE DATA:

Payments: Based upon invoices submitted to the Project Manager by the Contractor and Delivery Orders issued by the Project Manager, the County shall make payments against the Contract to the Contractor as provided in the Contract Documents as follows:

Not later than 30 days following approval of an application for Payment, ninety percent (90%) of the portion of the Contract Amount properly allocable to labor, materials and equipment incorporated in the Work and ninety percent (90%) of the portion of the Contract Amount properly allocable to materials and equipment suitably stored at the site or at some other location agreed upon in writing, for the period covered by the application for payment, less the aggregate of previous payments made by the Owner. The Project Manager, may, at his/her discretion, reduce the retainage percentage withheld to 5% when the completion of the Work ascertained as payable exceeds fifty percent (50%) of the total contract amount. Upon Final completion of the entire Work, a sum sufficient to increase the total payments to one hundred percent (100%) of the Contract Amount, less such amounts as the Owner shall determine for all incomplete work and unsettled claims as provided in the Contract Documents.

Upon Final Completion of a Job Order, one hundred percent (100%) of the order amount, less such amounts as the County shall determine for all incomplete work and unsettled claims as provided in the Contract Documents, shall be paid.

Should the Contractor fail to complete all Work on or before the date stipulated for completion on a Job Order, or such later date as may result from an extension granted by the County, he shall pay and/or the County may retain from the compensation otherwise to be paid to the Contractor, as liquidated damages, the sums stipulated in Section H, paragraph 14 of this contract for each consecutive calendar day after the date allowed by the Job Order until the entire work is complete, which sum is agreed upon as a reasonable and proper measure of damages which County will sustain per diem by failure of Contractor to complete the Work within time as stipulated; it being recognized by County and Contractor that the injury to County which could result from a failure of Contractor to complete on schedule is uncertain and cannot be computed exactly. In no way shall costs for liquidated damages be construed as a penalty on the Contractor.

CONTRACT DOCUMENTS:

This Contract entered into this date by the Board of County Commissioners hereinafter called the County, represented by the Manager of Purchasing and Contracts executing this Job Order Contract and the individual, partnership or corporation named above, hereinafter called the Job Order Contractor. Witnesseth that the parties hereto do mutually agree as follows:

- I. The Job Order Contractor shall furnish all labor, equipment and materials and perform the Work described for the amount specified in individual Job Order in strict accordance with the General Conditions, Supplementary Conditions/Special Provisions, Plans and Specifications and other Contract Documents, all of which are made a part hereof and designated as follows:

Contract No: Y6-1016A

- a. Orange County Request for Proposals, RFP No. Y6-1016-EZ, dated May 12, 2006; (which contains the Request for Proposals, Notice, Instruction to Proposers, Proposal Form and Attachments, this Contract, required Bonds and insurance certificates, General Conditions, Supplementary Conditions/Special Provisions, and Specifications);
 - b. Addendum No. 1, dated May 19, 2006; Addendum No. 2, dated May 26, 2006; Addendum No. 3, dated June 13, 2006; Addendum No. 4, dated June 20, 2006;
 - c. Terra Firma Construction Management, Inc.'s Proposal dated July 6, 2006;
 - d. Certificates of Insurance;
 - e. Payment/Performance Bonds;
- II. The order of preference of items and documents is as follows:
- Construction Contract
 - Drawings
 - Specifications
 - Supplemental Conditions/Special Provisions
 - General Conditions
 - Permits
 - Proposal
 - Instructions to Proposers
- III. This is a term Contract for the time period specified in the referenced Request for Proposals, for the products/services covered by this Contract. The County is not obligated to purchase any minimum amount of products or services, unless otherwise stipulated in the Request for Proposals.
- IV. Multipliers/Co-efficient: The following multipliers are applicable to this contract and shall remain in effect and unchanged for the duration of the contract, including any extensions thereto:
- | | | |
|-------|--------------------|-------------|
| LOT A | STANDARD HOURS | <u>1.16</u> |
| LOT A | NON-STANDARD HOURS | <u>1.22</u> |
- V. Individual Job Order/Purchase Orders shall not exceed \$100,000.00 without the express written authority of the Manager, Purchasing and Contracts Division.
- VI. This Contract is effective November 20, 2006 and shall remain effective through November 19, 2007.
- VII. This Contract may be unilaterally renewed as provided in the Contract Documents, Part F, Article 27, "Option to Extend the Term of the Contract". Any amendments to this Contract must be in writing.

- VIII. This Contract may be cancelled or terminated as provided for in the Request for Proposals.
- IX. The total duration of this Contract, including the exercise of all options, shall not exceed 5 years.
- X. Ordering against the Contract:
- A. Unless otherwise specified in the Contract, the County will place orders by issuance of a numbered Job Order/Purchase Order against this Contract. Each Job Order/Purchase Order will specify the locations, description and completion time of the work.
 - B. The obligations of Orange County under this Contract are subject to need and availability of funds lawfully appropriated for its purpose by the Board of County Commissioners, or other specified funding source for this contract.
- XI. Taxes:
- The County has the following tax exemption certificates assigned:
- A. Certificate of Registry No. 59-70-004K for tax free transactions under Chapter 32, Internal Revenue Code;
 - B. Florida Sales and Use Tax Exemption Certificate No. 58-12-090729-53C.
- XII. Invoicing:
- A. Invoices must be submitted, in duplicate, referencing this Contract number and the Delivery Order number.
 - B. Invoices must be submitted to the address shown on each individual Job Order/Purchase Order.
 - C. Invoices against this Contract are authorized only at the prices stated in your Proposal response, unless otherwise provided in the Request for proposals.
- XIII. The Contractor for each lot will be given the first opportunity to perform all available work in their particular lot. If the County, at its sole discretion, determines it is necessary due to (1) workload, (2) performance issues, (3) adequacy of resources or (4) response time of the designated contractor, a Contractor from another lot may be contacted to perform the required work. This action must have the prior approval of the Purchasing and Contracts Manager

TIME OF COMMENCEMENT AND FINAL COMPLETION:

Work to be completed within period specified on individual Job Orders/Purchase Orders, unless amended by written Change Order executed by both parties to this Contract.

COMPLIANCE WITH M/WBE CONTRACT REQUIREMENTS:

By entering into this Contract, the Contractor affirmatively commits to comply with the M/WBE subcontracting requirements submitted with his/her proposal. The failure of the Contractor to comply with this commitment during the Contract's performance period may be considered a breach of Contract.

The County may take action up to and including termination for default if this condition is not remedied within the time period specified by the Manager, Purchasing and Contracts.

NON-EXCLUSIVE CONTRACT:

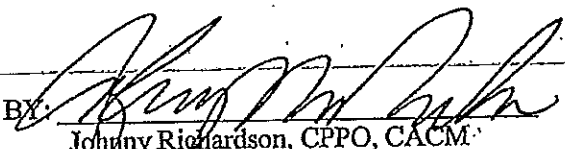
The Contract resulting from this solicitation shall be non-exclusive and the County may procure the goods or services covered by the Contract from other sources at its discretion.

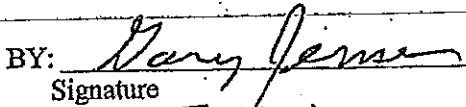
MISCELLANEOUS PROVISIONS:

- I. Terms used in this Contract which are defined in the General Conditions shall have the meanings designated in those conditions.
- II. County and Contractor each binds himself, his partners, successors, assigns and legal representatives to the other party hereto, his partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.
- III. This Contract shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the provisions of this Contract will be held in Orange County, Florida. Venue for any litigation involving this Contract shall be the Ninth Circuit Court in and for Orange County, Florida.

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA**

**TERRA FIRMA CONSTRUCTION
MANAGEMENT, INC.
ORLANDO, FLORIDA**

BY: 
Johnny Richardson, CPPO, CACM
Manager, Purchasing and Contracts Division

BY: 
Signature
GARY JENSEN
Type or Print Name

DATE: 12-8-06

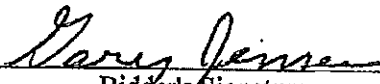
DRUG-FREE WORKPLACE FORM

The undersigned vendor, in accordance with Florida Statute 287.087 hereby certifies that
TERRA FIRMA CMI does:

Name of Business

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Informs employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Gives each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in Paragraph 1.
4. In the statement specified in Paragraph 1, notifies the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any State, for a violation occurring in the workplace no later than five (5) days such conviction.
5. Imposes a sanction on, or requires the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Makes a good faith effort to continue to maintain a drug-free workplace through implementation of Paragraphs 1 thru 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.


Bidder's Signature

11/10/06
Date

SCOPE OF SERVICES
JOB ORDER CONTRACT (JOC) FOR CONSTRUCTION NOT GREATER THAN
\$100,000.00

1.0 GENERAL INFORMATION

1.1 This is a fixed unit price, indefinite delivery/indefinite quantity (ID/IQ) term type contract, herein called Job Order Contract, for the performance of a broad range of construction type work, on an as-needed basis as may be required by Orange County, Florida. Typical work under this contract may include minor construction, repair, rehabilitation, alteration, upgrade and maintenance services. The general guide for pricing and determining allowable work under this contract will be the current RS Means Facilities Construction Cost Data price index. The scope of services is for work in Orange County buildings and facilities located throughout Orange County Florida. The projects have minimal design requirements and are valued at less than \$100,000.00. The work covered under this contract will be divided in three lots. The intent of Orange County is to award three separate Job Order contracts to three Job Order Contractors. The initial term of the contract will be twelve months from date of contract award. The contract may be renewed for up to four consecutive years, beginning immediately after expiration of the prior term. The work covered for each of the three lots is identified as follows:

- Lot A – Orange County Convention Center
- Lot B – Orange County Courthouse and Corrections Complex
- Lot C – All other Orange County buildings and facilities throughout Orange County

1.2 The work herein shall be performed in accordance with industry standards and in compliance with federal, state, and local published rules, regulations, standards and/or statutes.

1.3 The specific work requirements will be identified in individual Job Orders (Purchase Orders) issued by Orange County.

1.4 As part of each individual proposal the Job Order Contractor shall develop a schedule, drawings (if required), a list of proposed sub-contractors, and M/WBE compliance documents. Prices are never negotiated; only quantities may be negotiated or adjusted.

1.5 The following Orange County departments/divisions are authorized the use of this contract:

- Lot A – Orange County Convention Center, Facilities Management Division Orange County Convention Center Construction Administration Division.
- Lot B – Orange County Courthouse and Corrections Complex – Capital Projects Division and Facilities Management Division
- Lot C – Orange County wide – Capital Projects Division, Facilities Management Division, Parks & Recreation and the Utilities Department.

2.0 DOCUMENTS

2.1 The price index for pricing work and determining allowable cost elements for this contract will be the current RS Means Facilities Construction Cost Data that contains the Repair and Remodeling Cost Data and Facility Maintenance and Repair Cost Data books. The Orlando Florida (328) localizing factor will be applied to costs and will be in effect throughout the life of this contract. This price index reflects labor rates, construction material, and construction procurement costs in the Orlando area.

2.2 All cost elements appearing in Division 1 "General Requirements" are not allowed under this contract. No cost element from Division 1 shall be used by the Job Order Contractor or will be accepted by Orange County.

2.3 The RS Means price index will be updated on or about January 1 of every year for the duration of the contract. Previously issued Job Orders and Changes will not be retroactively adjusted to the new price index. However, any changes priced after receipt of an update will be priced by the updated version of the RS Means.

2.4 The construction specifications in effect at Contract signing, and provided to the Job Order Contractor, shall be the specifications under this Contract.

3.0 COEFFICIENTS

3.0 The Job Order Contractor shall furnish all supervision, labor, materials, tools, supplies, equipment, transportation, insurance, taxes, overhead and profit to perform all operations necessary and required in accordance with the terms and conditions of the Contract, and as further specified in individual Job Orders.

3.1 Coefficient for Standard Hours: All work performed from 7:00 AM to 5:00 PM, Monday through Friday, unless alternate standard hours are agreed to and adopted

3.2 Coefficient for Non-Standard Hours: All work performed before 7:00 AM and after 5:00 PM (unless alternate standard hours are agreed and adopted), Monday thru Friday, and all hours worked on Saturdays, Sundays and holidays.

3.3 The unit prices are for the installed item and include the direct cost of labor, material, and equipment.

3.4 The Orlando 328 localizing factor will be in effect throughout the life of this contract.

3.5 Coefficients: The coefficient factor shall include:

- General & Administrative Overhead
- Fringe Benefits
- Profit (maximum 10%)
- Minimal design, drawing and other documentation costs which are incidental to the project
- Transportation of materials to the project site
- Hand tools, small tools and related items
- Indirect costs such as insurance, waste or excess material purchases, etc.
- Indirect labor costs such as company officers, support staff, superintendents, inspectors, project managers, estimators, administrators, buyers, etc
- Employer's share of taxes such as social security and unemployment compensation
- Demolition (if incidental to the project)
- Engineering Services
- Waste and demolished materials disposal
- Bond premiums and insurance
- Contingency costs
- Gross receipt taxes

3.6 Coefficients shall not include costs already included in the RS Means unit prices that include unit prices for labor and unit prices for equipment:

- Time spent on materials receiving and handling
- Mobilization to the site
- Site movement
- Clean-up
- Rental
- Operating costs for equipment under normal usage
- Normal operating expendables
- Power equipment required for crews

3.7 The coefficients or multipliers shall remain unchanged throughout the life of the contract, which includes the initial contract term and all option periods.

4.0 BONDS AND INSURANCE

4.1 Bonds: A Payment and Performance bonds is required in the amount of \$1.0 Million Dollars. Said payment and performance bonds are required for the duration of the contract.

4.2 Insurance: The Job Order Contractor shall provide insurance coverage in the amounts required in Part F, Article 8 of this contract.

5.0 PRICING

5.1 The actual pricing for work performed under the Contract will be based on the mutually agreed quantities applied to the specified rates contained in the RS Means price index, modified by adjustment factors and indices as specified and multiplied by the appropriate coefficient as set forth above.

5.2 The actual pricing for work performed under this contract will be calculated using the following RS Means pricing elements:

- Bare Material
- Bare Labor
- Bare Equipment

The sum of these three elements is called the Bare Total. Overhead and Profit from the RS Means price index is not allowed under this contract.

5.3 The Orlando, Florida (328) is the only authorized localizing factor that can be used in this contract.

5.4 No single Job Order project will exceed \$100,000.00

5.5 Excluded Sections of the RS Means. Sections of the RS Means addressing the areas below are not allowable for use and inclusion when pricing proposals:

- Division 1 – General Requirements
- Construction Management Fees
- Contingencies
- Overtime thru Taxes
- Performance Bond thru Scheduling
- Office thru Field Office Expense
- Small Tools
- Commissioning

5.6 The unit prices are for the installed item and include the direct cost of labor, material and equipment. All unit prices from the RSMeans price index are developed using local prevailing wage rates and local quotes for material and equipment. The unit prices for some tasks may be adjusted by adjusting the quantities.

5.7 Prices from the RS Means price index cannot be negotiated or changed; only quantities may be negotiated.

5.8 Although the price is arrived at using the unit prices from the RS Mean price index, the resulting job order is issued as a lump sum. The Job Order Contractor shall complete the scope of work for the lump sum amount.

5.9 Excluded work. Any Job Order requirement that contains the following trades, when used as single trade are not allowable:

- Roofing
- Painting
- Plumbing
- Electrical
- Demolition
- Disposal
- Carpeting
- Extra personnel

5.10 A requirement under the Job Order Contract is considered single trade when the work involved is predominant in the price proposal or it exceeds 50% of the total of the price proposal.

6.0 HOURS OF WORK

6.1 Standard hours of work will be from 7:00 AM to 4:00 PM, Monday through Friday, unless alternate standard hours are agreed to and adopted.

6.2 Non-standard hours are hours required by Owner to be worked before 7:00 AM and after 4:00 PM (unless alternate standard hours are agreed and adopted), Monday thru Friday, and all hours worked on Saturdays, Sundays and holidays will be considered non-standard hours.

6.3 Non-standard hours worked by Job Order Contractor to regain schedule or for Job Order Contractor's convenience shall not be entitled to application of the Coefficient for Non-standard hours.

7.0 WORK AUTHORIZATION

Any Work required under this Contract shall be authorized by issuance of formal, written Job Orders, as follows:

7.1 As the need arise (as determined by Orange County) for performance under the terms of this Contract, Orange County will notify Job Order Contractor of an existing requirement by issuing a request for quotes (RFQ).

7.2 Upon the receipt of the RFQ, the Job Order Contractor shall respond within two (2) working days, or as otherwise agreed, by:

7.2.1 Visiting the proposed site in the company of Orange County personnel, or;

7.2.2 Establishing contact with Orange County to further define the scope of the requirement.

7.3 After mutual agreement on the scope of the RFQ, the Job Order Contractor shall then prepare a proposal for accomplishment of the task.

7.4 The RS Means price index shall serve as the basis for establishing the value of the Work to be performed.

7.5 The Job Order Contractor's proposal shall be submitted within ten (10) working days from receiving written RFQ from Orange County, unless otherwise agreed. The Job Order Contractor shall submit a detailed cost breakdown consistent with RS Means along with the proposed performance period in number of days from receipt of the Notice to Proceed.

7.6 Upon receipt of Job Order Contractor's proposal, Orange County will review the proposal for completeness and will reach agreement with Job Order Contractor on pricing, schedule, and all other terms, prior to issuance of a Job Order.

7.7 In the event Orange County does not issue a Job Order after receipt of Job Order Contractor's proposal, Orange County is not obligated to reimburse Job Order Contractor for any costs incurred in the preparation of the proposal.

7.8 The Job Order Contractor's proposal shall be valid for sixty (60) days from the date the proposal is received by Orange County. The validity of the proposal may or may not be extended by the Job Order Contractor at his discretion.

8.0 SCHEDULING OF WORK

8.1 For each Job Order, Orange County will issue a Notice to Proceed. The first day of performance under a Job Order shall be the effective date specified in the Notice to Proceed. Any preliminary work started or material ordered or purchased before receipt of the Notice to Proceed shall be at the risk and expense of Job Order Contractor. Job Order Contractor shall diligently prosecute the Work to completion within the time set forth in the Job Order. The period of performance includes allowance for mobilization, holidays, weekend days, normal inclement weather, and cleanup. Therefore, claims for delay based on these elements will not be allowed. When Job Order Contractor considers the Work complete and ready for its intended use the Job Order Contractor shall request Orange County to inspect the Work to determine the status of completion. When Orange County determines the Work to be substantially complete, Orange County will issue a Certificate of Substantial Completion with a list of items to be completed or corrected prior to final payment for the Job Order. The Job Order Contractor shall proceed promptly to complete and correct items on the list.

8.2 Job placement of materials and equipment shall be made with a minimum of interference to Orange County operations and personnel.

8.3 Furniture and portable office equipment in the immediate work area will be moved to a designated location by the Job Order Contractor and replaced to its original location upon completion of the work. If the furniture and portable office equipment cannot be replaced to its original location, Orange County will designate new locations. If furniture and portable office equipment (or other items) must be moved and/or stored outside the immediate area, Orange County will compensate Job Order Contractor for any such transportation and storage costs incurred through a change order.

8.4 Job Order Contractor shall take all precautions to ensure that no damage will result from its operations to private or public property. All damages shall be repaired or replaced by Job Order Contractor at no cost to Orange County.

8.5 Job Order Contractor shall be responsible for providing all necessary traffic control, such as street blockages, traffic cones, flagmen, etc., as required for each Job Order. Proposed traffic control methods shall be submitted to Orange County for approval.

9. JOB ORDER CONTRACTOR'S RESPONSIBILITIES:

9.1 The Job Order Contractor shall supervise and direct the work using the best skill and attention. The Job Order Contractor shall be solely responsible for all construction means, methods, techniques, safety, sequences and procedures, and for coordinating all portions of the work under the Job Orders. The Job Order Contractor shall ensure that the completed work complies accurately with the contract documents.

9.2 Job Order Contractor's Superintendent: The Job Order Contractor shall employ a competent resident superintendent who shall be in attendance at the project site during the progress of the work. The superintendent shall be satisfactory to Orange County Purchasing and Contracts Division and shall not be changed except with the written approval of the County. The superintendent shall represent the Job Order Contractor at the site and shall have full authority to act on behalf of the Job Order Contractor. All communications given to the superintendent shall be binding on the Job Order Contractor. All oral communications affecting contract time, contract sum and contract interpretation will be confirmed in writing by Orange County. See Article 9, entitled "Contractor's Responsibilities" in the Part F of this contract.

10.0 DESIGN

10.1 Job Order Contractor's duties under the Contract may include the preparation of shop drawings or sketches necessary to permit orderly construction of Orange County's design plans. The Job Order Contractor agrees to provide detailed design drawings and plans if requested by Orange County, with reimbursement included as part of the Job Order Contractor's proposal and said cost should be incidental to the project.

10.2 Incidental means not exceeding 10% of the total project cost and never exceeding \$5,000.00, unless properly justified and approved by Orange County.

11.0 ORANGE COUNTY-FURNISHED UTILITIES

Orange County shall provide at no cost to Job Order Contractor utilities and toilet facilities that are existing and available at each site for Work performed under the Contract. If utilities and/or toilet facilities are not existing and available, an equitable price will be negotiated and included in the Job Order to compensate Job Order Contractor for providing such items.

11.1 Water:

Orange County shall furnish to Job Order Contractor from existing Orange County facilities and without cost to Job Order Contractor, a supply of water necessary for the performance of work under this Contract. Orange County will in no case furnish or install any required supply connections and piping for the purpose of implementing the availability of the water supply. It is the responsibility of Job Order Contractor to determine the extent to which existing Orange County water supply source is adequate for the needs of the Contract.

All taps, connections, and accessory equipment required in making the water supply source available will be accomplished by and at the expense of Job Order Contractor, and costs included in the Job Order Proposal. All work in connection therewith shall be coordinated, scheduled, and performed as directed and approved by Orange County. Said taps, connections, and accessory equipment shall be maintained by Job Order Contractor in a workmanlike manner in accordance with the rules and regulations of the local authority. Upon completion of this Contract the removal of all taps, connections and accessories will be accomplished by and at the expense of Job Order Contractor, and costs included in the Job Order Proposal, so as to leave the water supply source and facility in its original condition. Such removal shall also be subject to the approval of Orange County.

11.2 Electricity:

Orange County shall furnish to Job Order Contractor from existing Orange County facilities and without cost to Job Order Contractor, electricity necessary for the performance of work under this Contract. It is the responsibility of Job Order Contractor to determine the extent to which existing Orange County electrical facilities are adequate for the needs of this Contract.

All taps, connections, and necessary equipment required in making the electrical power available will be accomplished by and at the expense of Job Order Contractor, and costs included in the Job Order Proposal. All work in connection therewith shall be coordinated, scheduled and performed as directed and approved by Orange County. Said taps, connections, and accessory equipment shall be maintained by Job Order Contractor in a workman like manner in accordance with the rules and regulations of the local authority. Upon completion of this Contract the removal of all taps, connections and accessories will be accomplished by and at the expense of Job Order Contractor, and costs included in the Job Order Proposal, so as to leave the electrical power source and facility in its original condition. Such removal shall also be subject to the approval of Orange County.

12.0 PROCEDURES

12.1 Pre-Construction Conference: After award of the contract and before the issuance of the first Job Order under this contract, Orange County will conduct a conference to acquaint the Job Order Contractor with Orange County policies and procedures that are to be observed during the prosecution of the work and to develop mutual understanding relative to the administration of the contract

12.2 The work of this Contract shall be determined by individual Job Orders. The Job Order Contractor shall perform its Job Order construction work in accordance with this contract including provision of all pricing, management, shop drawings, documents, labor, materials, supplies, parts (to include system components), transportation, facilities, supervision, and equipment needed to complete each Job Order. The Job Order Contractor shall provide quality assurance as specified in strict accordance with the Contract General Conditions. The Job Order Contractor shall also be responsible for site safety as well as site preparation and cleanup.

12.3 The Job Order Contractor shall prepare and submit required reports, maintain current record drawings, and submit required information. The Job Order Contractor shall provide materials lists to include trade names, brand names, model number, and ratings (if appropriate) for all materials necessary for a complete job.

12.4.1 Following a chronological order of events that will normally take place during the execution of a Job Order:

12.4.1 An Orange County representative from one of the authorized divisions/departments will issue a Request for Quotations (RFQ) to the Job Order Contractor. The Scope of Work, plans, specifications, as built drawings and any special requirements shall be obtained by the Job Order Contractor within 48 hours of notice of issuance of the RFQ. Projects estimated in value to exceed \$25,000.00 shall be supported by plans and technical specifications that follow the CSI format or similar format.

12.4.2 The Job Order Contractor representative shall be available for a site visit with the County representative within three days of receipt of the Request for Quotations.

12.4.3 The Job Order Contractor shall provide a quotation within 3 days from the date of the request for quotations for projects valued between \$1,000 and \$25,000 and 10 days for projects valued over 25,000. The quotation shall be fully supported by detailed list items from the applicable RS Means book, with the quantities required for the work, a proposed performance period, along with any non pre-priced work that may be required and which shall be supported by the appropriate documentation.

12.4.4 The Job Order Contractor shall upon request, meet with the Orange County representative to review the quotation and shall enter into negotiations if so requested by Orange County. After developing an agreed upon performance period and price that is fully supported by a complete price breakdown in accordance with the terms of the contract, the County will issue a Job Order.

12.4.5 The Job Order will incorporate the lump sum price for the work and the substantial and final completion in number of days.

12.4.6 Upon issuance of the individual Job Order, the representative from Orange County will issue a written Notice to Proceed (NTP). Substantial and final completion days are contingent upon the issuance of the NTP.

12.4.7 The Job Order Contractor shall diligently commence work within five work days of the date of the Notice to Proceed letter or on the date so indicated in the letter, if different.

12.5 The Job Order Contractor cannot refuse to respond to an RFQ nor refuse to perform any work which falls with the scope of this contract. Any pricing submitted by the Job Order Contractor in response to an RFQ from an Orange County representative may be rejected and the County may select an alternate delivery method.

12.6 The Job Order Contract shall not be used simply for cost estimating purposes. All RFQs issued to the Job Order Contractor shall be for the purpose of obtaining a quotation to facilitate the issuance of a Job Order.

13.0 NON PRE-PRICED TASKS

13.1 Non pre-priced tasks: Non pre-priced tasks, if any, shall be separately identified and submitted in the proposal.

13.2 Information submitted in support of non pre-priced tasks shall include, but not be limited to the following:

a. Complete specifications and technical data, including task content, support drawings, task cost data, quality control and inspection requirements.

b. Work schedule.

c. Costing data shall include a cost analysis report, establishing the basis for selecting the approach proposed for accomplishment of the requirements.

d. Three Quotes: Unless otherwise directed by Orange County, costing data will be submitted demonstrating that the Job Order Contractor sought and received three quotes.

e. The Job Order Contractor shall provide an installed unit price that shall include all costs required to accomplish the non pre-priced task.

f. The final price submitted for non pre-priced tasks shall be according to the following formula:

(1) For labor: Provide written documentation from the Job Order Contractor and Subcontractors or others as appropriate in the form of a detailed breakdown by each labor classification involved indicating the number of hours of Work involved and the hourly payroll rate applicable to each to substantiate the basis and amount of the direct labor cost. The direct labor cost may be increased to provide an allowance for indirect payroll costs (labor burden), such as payroll taxes, fringe benefits, and workers insurance after all premium discounts, rebates and other appropriate reductions have been taken.

(2) For material, supplies, equipment, furnishings, etc., to be installed or included in the Work: Provide written documentation from the Job Order Contractor and Subcontractors, suppliers, etc., to substantiate the basis and amount of the various cost items involved. Material costs shall reflect the Job Order Contractor's reasonably anticipated net actual cost after consideration of trade discounts and volume rebates.

(3) For construction equipment: Provide written documentation in the form of a detailed breakdown by each construction equipment category indicating, the applicable unit rates (i.e., \$'s per hour, \$'s per day etc.,) and the number of hours, days, etc. to substantiate the basis and amount of the construction equipment out-of-pocket costs.

(4) Special cost items (any out-of-pocket cost items not considered to be material, labor or construction equipment as set forth above including but not limited to small tools and expendables): Provide written documentation in the form of a detailed breakdown or itemization of the costs, fees, charges, hours, hourly rates, etc., to clarify, document and substantiate the basis and amount of the out-of-pocket cost.

g. With respect to the allowances for overhead and profit the following schedule shall be used in determining the total cost of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract price:

(1) For the Job Order Contractor, for Work (i.e., the cost of labor, materials and construction equipment as described above) performed by the Job Order Contractor's own forces; 15% of the cost.

(2) For the Job Order Contractor, for the Work performed by the Job Order Contractor's Subcontractor; 7 1/2% of the amount due the Subcontractor.

(3) For each Subcontractor involved, for Work performed by that Subcontractor's own forces 7 1/2% of the cost.

(4) For each Subcontractor, for Work performed by the Subcontractor's Sub-Subcontractor's 5% of the amount due the Sub-Subcontractor.

(5) Cost to which overhead and profit is to be applied shall be determined in accordance with provisions of this Article 13.

h. If deemed necessary, the overhead and profit allowance schedule shown above may be adjusted by the Project Manager.

i. Following approval by Orange County of a non pre-priced task and unit price a Job Order will be issued.

j. The Job Order Contractor's proposal shall include support documentation to indicate that adequate engineering and planning for the requirement has been done, and that the tasks proposed are reasonable for the work to be performed.

k. Documentation to be submitted with the proposal shall include, but not be limited to:

- (1) Design drawings, calculations, specifications, and architectural renderings
- (2) Catalog cuts c. Subcontractor and material supplier list
- (3) M/WBE compliance documents
- (4) Construction schedule (detailed bar chart)
- (5) Special insurance
- (6) For special equipment a copy of the warranty document may be required.

14.0 LIQUIDATED DAMAGES

14.1 Orange County may, from time to time choose to designate specific Job Orders under this contract to assess liquidated damages if the Job Order Contractor fails to deliver the project on time.

14.2 Provisions for liquidated damages, should the Job Order Contractor fail to substantially and/or finally complete the work within the Job Order times are included in the Contract under "Administrative Data".

14.3 The sums of money per calendar day of delay are stipulated below:

<u>Job Order Amount</u>	<u>Amount per calendar day</u>
\$1,000 to \$25,000	\$125.00 per day
\$25,000 to \$50,000	\$150.00 per day
\$50,000 to \$75,000	\$175.00 per day
\$75,000 to \$100,000	\$200.00 per day

14.3 The application of Liquidated Damages to a specific Job Order will be noted on the Request for Proposal and in the resulting Job Order.