

Memorandum



B

Date: September 23, 2015

To: Gary Hartfield, Division Director
Internal Services Department, Small Business Development Division


From: Kenneth Robertson, Director
Jackson Health System, Procurement Construction *Kenneth Robertson*

Subject: Review Item: A/E Consultant Services for Schematic and Comprehensive Design, Procurement and Construction Administration Services for Various Jackson Health System Facilities; A15-JHS-01 (The Miracle Bond Program) (B)

It is recommended that the Small Business Development division of the Internal Services Department review the attached request for Small Business Enterprise – Architectural & Engineering Services (SBE-A/E) measures for the above-mentioned project, in order to proceed with the advertisement and subsequent consultant selection for this project.

JHS intends to award five (5) separate Professional Services Agreements (PSAs) from the above-referenced solicitation. Each selected design professional A/E Firm (Consultant) will be awarded one of the Project Scopes A - E as defined below.

Each of the Scope of Services A – E entails five phases of professional architectural engineering services in support of construction improvements to the Jackson Health System Main, North, South, and West campuses, as well as, Floor Modernizations at JHS Main, in accordance with Jackson Health System Master Plan recommendations. The following elements constitute the collective Scope of Services (Projects), to be authorized within the currently allocated budget identified in the below table.

	Project Budgets				
	JHS North Medical Center	JHS West Campus	JHS Main Campus	JHS Main Campus Floor Modernizations	JHS South Community Hospital
Architectural/Engineering Estimated Cost	\$6,000,000	\$4,800,000	\$16,701,375	\$6,171,000	\$1,804,000
Contingency Fees for A/E (10%)	\$600,000	\$480,000	\$1,670,138	\$617,100	\$180,400
Reimbursable Expenses (3%)	\$180,000	\$144,000	\$501,041	\$185,130	\$54,120
Total Estimated PSA Compensation	\$6,780,000	\$5,424,000	\$18,872,554	\$6,973,230	\$2,038,520
PSA Term Duration through the Construction and Warranty Period (Calendar Days)	2,555 CD	1,278 CD	1,825 CD	2,555 CD	1,095 CD

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Contract/Project Title: A/E Consultant Services for Schematic and Comprehensive Design, Procurement and Construction Administration Services for Various Jackson Health System Facilities: Scope B, JHS West

Contract/Project No. TBD / A15-JHS-01 (B)

Description: Scope of Services B entails five phases of professional architectural engineering services in support of new construction to the Jackson West Campus in accordance with Jackson Health System Master Plan recommendations.

DEPARTMENT: Jackson Health System **CONTACT:** Kenneth Robertson **PHONE:** (305) 585-7415

Estimated Cost: \$5,424,000.00, inclusive of contingency **Funding Source:** JHS 2014 General Obligation Bonds and JHS Annual Capital Contribution

ANALYSIS

Commodity /Service No. _____ SIC: _____

Trade/Commodity/Service Opportunities

Contract/Project History of Previous Purchases for Previous Three (3) Years

Check Here	XXX	if this is a New Contract/Purchase with no Previous History	
	<u>Existing</u>	<u>2nd Year</u>	<u>1st Year</u>
	<input type="checkbox"/>		
Contractor	_____	_____	_____
Ethnicity/Race	_____	_____	_____
Gender	_____	_____	_____
Contract Value	_____	_____	_____

COMMENTS: _____

RECOMMENDATIONS

<u>SBE-A/E GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>
<u>20.5</u> %	_____	_____

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
_____	\$ _____	_____	_____
_____	\$ _____	_____	_____
_____	\$ _____	_____	_____
Total:	\$ _____	_____	_____

Basis for Recommendation: JHS proposes that the goal can be achieved with SBE-A/E firms assisting with 8.00- 2.0%, 9.01- 3.0%; 10.01- 3.0%; 15.01- 2.0%; 16.00- 5.0%; 17.00- 4.5%; and 20.00- 1.0%

By: Kenneth Robertson, Director, JHS Procurement Construction Date: _____

Scope A: Jackson North Medical Center Scope of Services Elements:

- Upgrades to Intensive Care Unit (ICU) Patient Floors for Increased Capacity
 - Renovate existing ICU into a Preparation and Recovery Phase II Unit for Surgery/Catheterization
 - Approx. 18,000 SF
- Upgrade and Modernize the Operating Suites and Ancillary Areas
 - New Operating Room (OR) expansion of four to six operating rooms with Post-Anesthesia Care Unit (PACU) plus renovation of existing operating suite having a minimum of six larger rooms for a total of 10 to 12 ORs, all up to current code and industry standards. The proposed expansions and renovation include a mechanical penthouse for new and renovated ORs
 - Expansion approx. 11,550 SF
 - Renovation approx. 18,235 SF
- New Exterior Façade and Lighting
 - Renovation of building exteriors and accent lighting to provide an updated look to take advantage of the hospital's visibility to major highways and roadways
- Floor Modernizations to Improve Outpatient Flows to Attract Patients and Providers
 - Renovate and modernize patient floors to current code and industry standards
 - Approx. 18,000 SF (typ. for four floors)
- Expand Emergency Department for Pediatric, Adult and Trauma Services
 - Expand and renovate Emergency Department for growth in trauma and pediatrics
 - Expansion approx. 15,000 SF
 - Renovation approx. 11,673 SF
- New Women's Center
 - Facility expansion and medical service consolidation of all Obstetrics (OB) Services on one level, creating a Women's Center. This expansion and consolidation will support postpartum beds, antepartum beds, pediatric beds, Labor/Delivery/Recovery (LDR), Cesarean-Section, PACU, Neonatal Intensive Care Unit (NICU) and Triage
 - Approx. 20,000 SF
- Code Upgrades
 - Upgrades to Mechanical, Electrical, Plumbing and Fire Protection
 - Medical Gases
 - Information Technology Systems
 - Priority Wall and Life Safety code upgrades
 - Central energy plant to provide for sufficient chilled water, Emergency Generation
- Bed Tower (this bed tower is proposed in lieu of renovating certain existing beds)
 - Due Diligence Study
 - Design of all associated site and civil work
 - Demolition of parts of the existing facility
 - Design of an Urgent Care Center

Scope B: Jackson West Campus Scope of Services Elements:

- Children's Ambulatory Pavilion (CAP) and Outpatient Facility
 - Design of a new Children's Ambulatory Pavilion to include a Primary and Specialty Children's Clinic, Adult Specialty Clinic, Imaging/Diagnostics, and Emergency Department
 - Approx. SF is not less than 100,000 SF and not greater than 200,000 SF

- Accommodation for Future Hospital Departmental Capacities and Capabilities
- Civil and Infrastructure
 - Design of site and civil work, traffic circulation, and entrance access including potential modifications to NW 25th Street
 - Potential wetland assessment and mitigation

Scope C: Jackson Main Campus Scope of Services Elements:

- Emergency Department Expansion, Miami Transplant and ICU Tower (all three services incorporated into one building, designed for future OR and bed expansions vertically and horizontally)
 - Relocation of North Wing Services
 - Demolition of North Wing
 - Backfill renovations
 - Expansion of the adult ED with renovation of the existing emergency care and to improve patient access and flow, creating rapid results, and universal rooms. The project creates adult ED entrance to the North and ED space for growth and separate entry from Holtz Children ED.
 - Expansion: Approx. 15,000 SF
 - Renovation: Approx. 39,000 SF (Adult and Pedi)
 - Expansion of the Holtz lobby, entry and clinic program of 12,000 SF with the development of an entry plaza, canopy and drive.
 - Miami Transplant Institute: Consolidation of fragmented services to create a state of the art facility, housing 108 transplant beds, a 12 bed ICU, clinics, research, diagnostics and treatment, support and faculty offices.
 - Approx. 204,000 SF
 - Intensive Care Unit: Increase in acuity driven by strengthening tertiary services and a shift of low acuity care out of the hospital will require new, 180,000 SF facility, 120 private beds for intensive care rooms, which also includes support space and connections to the Memorial Hospital, ED, and Ryder Trauma Hospital.
 - The plan recommends the Demolition of four existing buildings for a total of 226,000 SF that are too costly to upgrade, obsolete, or in a significant location for future development. Current site central plants have capacity to meet the new increases in buildings coupled with the reduction of demolished space.
Renovation and reconfiguration of surgical and interventional services to appropriate room size, separation of patient flows, private prep and recovery.
 - Site utility upgrades and roadway improvements are also included in the master plan budget, but will be designed by JHS Master Civil Engineer. Consultant is responsible for the coordination of the anticipated grading, storm water drainage, underground utilities, demolition packages, landscaping, roadways and vehicular access, and signage.

Scope D: Jackson Main Campus Floor Modernizations Scope of Services Elements:

- Modernization program consisting of renovations of various patient floors across five main campus buildings, various outpatient clinics throughout main campus buildings, including multi-phase renovations and upgrades which are performed as space and floor units become available.
 - Approx. 250,000 SF

Scope E: Jackson South Community Hospital Scope of Services Elements:

New Construction:

- Pediatric Emergency Department and Trauma Expansion
 - Approx. 2,600 SF

Modernization:

- Behavioral Health and Radiology / Lab Entrance Renovation
 - Approx. SF 11,000 SF
- 2nd Floor ICU Build-out
 - Approx. SF 6,500 SF
- South Wing A Unit Modernization
 - Approx. 19,300 SF
- Labor and Delivery Modernization
 - Approx. 24,300 SF

The selected Consultants will be required to attend key stakeholder meetings throughout all five phases of the Project and will be required to perform some or all of the following tasks as may be directed by JHS:

Phase I: Schematic Design Services

Phase II: Project Design Development Services

Phase III: Project Construction Documents

Phase IV: Project Construction Procurement Services

Phase V: Project Construction Contract Administration Services

The **Minimum Qualifications** for responding firms are as follows:

The Prime and all proposed sub-consultants must demonstrate the following program-specific qualifications:

- 1) **General Capability:** Demonstrate firm ability to perform the required architectural, engineering, cost estimating and the relevant services to support the scope requested.
- 2) **References:** Provide a list of verifiable references and examples of construction projects worked on within the past ten (10) years (healthcare experience preferred; completed projects preferred).

The Prime, structural, mechanical and electrical engineering sub-consultants must demonstrate the following program-specific qualifications:

- 1) **Similar Projects:** Demonstrate firm experience and key personnel experience in projects of a similar size, scope and complexity within the past 10 years. Documented experience should include projects similar to any of the five projects listed above (complex multi-service line healthcare facilities including new, replacement, and or additions and renovations preferred). Documented experience with all five projects above preferred.
- 2) **Medical/Healthcare Experience:** Demonstrate firm ability and experience within the past 10 years with any construction projects involving medical and/or healthcare facilities.
- 3) **Key Personnel:** Demonstrate key personnel's professional experience, background and expertise in similar services, including healthcare experience, project familiarity, etc. Additionally, key personnel's availability for the proposed Project.

- 4) Experience with Authorities Having Jurisdiction: Demonstrate and document an understanding, knowledge, and working ability of the Project's requirements with the Florida Agency for Healthcare Administration (AHCA), and knowledge and understanding of City of Miami (Scope C, D), City of North Miami Beach (Scope A), City of Doral (Scope B), and Miami-Dade County (Scope E) permitting agencies.
- 5) Experience with Hospital Environment ICRA and ILSM Requirements: Demonstrate experience within the past 10 years with established industry standards within a hospital environment specific to Level IV Infection Control Risk Assessment (ICRA) precautions and Interim Life Safety Measures (ILSM).

Firms providing architectural / engineering services must be certified in the following technical categories and the respective percentages of the disciplines as indicated below:



Technical Category No.	Description	Scope A		Scope B		Scope C		Scope D		Scope E	
		JNMC		JHS West		JHS Main Campus		JHS Main Floor Modernizations		JSCH	
		Total %	CBE %	Total %	CBE %	Total %	CBE %	Total %	CBE %	Total %	CBE %
14 Prime	Architecture	35.00	0.00	39.00	0.00	36.00	0.00	45.00	12.00**	38.25	0.00
18 Prime	Architectural Construction Management	20.00	0.00	10.00	0.00	20.00	0.00	17.00	0.00	20.00	0.00
8	Telecommunications Systems	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	0.25	0.25
9.01	Soils, Foundations, and Materials Testing – Drilling, Subsurface Investigations and Seismographic Services	0.50	0.50	3.00	3.00	2.00	2.00	0.00	0.00	0.50	0.50
10.01	Stormwater Drainage Design Engineering Services	0.00	0.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00
10.05	Contamination Assessment and Monitoring	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	General Structural Engineering	3.00	0.00	3.00	0.00	3.00	0.00	0.00	0.00	1.00	0.00
12	General Mechanical Engineering	15.00	0.00	15.00	0.00	15.00	0.00	15.00	0.00	15.00	0.00
13	General Electrical Engineering	12.00	0.00	12.00	0.00	12.00	0.00	12.00	0.00	12.00	0.00
15.01	Surveying and Mapping – Land Surveying	0.50	0.50	2.00	2.00	0.50	0.50	0.00	0.00	0.50	0.50
15.03	Surveying and Mapping – Underground Utility Location	0.50	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00
16	General Civil Engineering	2.00	2.00	5.00	5.00	0.00	0.00	0.00	0.00	2.00	2.00
17	Engineering Construction Management	10.00	10.00	4.50	4.50	10.00	10.00	10.00	10.00	10.00	10.00
20	Landscape Architecture	0.50	0.50	1.00	1.00	0.00	0.00	0.00	0.00	0.50	0.50
TOTALS		100.00	14.50	100.00	20.50	100.00	13.50	100.00	23.00	100.00	13.75
SBE/Arch Total		\$870,000		\$984,000		\$2,254,686		\$1,419,330		\$248,050	

** The architectural technical category is too large for SBE's to bond and service as a prime, however, we believe there are opportunities for the prime to mentor SBE architects as part of the architect's service within Scope D.

JHS is recommending SBE-A/E participation goals to be assigned to each Scope A - E as shown in the percentages in the above table. Attached is JHS's Departmental Input Worksheet and SBE-A/E minimum requirements for your review and approval. It should be noted that the total dollars to SBE's represented in this table equals \$5,776,066.

Total SBE participation across all five projects:

Total Project Cost: \$684,500,000.00

Total Architectural Fees (not including contingency or reimbursable):\$35,476,375.00

SBE Participation: \$5,776,066.00

SBE Average Percentage Participation across Total Architectural Fees: 16.28%

If you have any questions, please contact Kenneth Robertson, Director of Procurement, Construction Services, Jackson Health System, at kenneth.robertson@jhsMiami.org or (305) 585-7415.

EXHIBIT A
SCOPE OF SERVICES
A15-JHS-01 (Scopes A – E): Miracle Bond Projects

The A15-JHS-01 RFQ issued on _____, 2015, and all subsequent Addenda will be incorporated herein by reference.

Notices:

1. This RFQ is a single procurement cycle where five separate successful firms will be awarded one of the five projects detailed in the scope sections below.
2. Scope C will be scored and evaluated first. The highest ranked firm recommended for award for Scope C will be ineligible to be considered for an additional project award as part of this RFQ. Scope D will be scored and evaluated second. The highest ranked firm recommended for award for Scope D will be ineligible to be considered for an additional project award as part of this RFQ. Scope A will be scored and evaluated third. The highest ranked firm recommended for award for Scope A will be ineligible to be considered for an additional project award as part of this RFQ. Scope B will be scored and evaluated fourth. The highest ranked firm recommended for award for Scope B will be ineligible to be considered for an additional project award as part of this RFQ. Scope E will be scored and evaluated fifth. The highest ranked firm recommended for award for Scope E will be ineligible to be considered for an additional project award as part of this RFQ.
3. Presently, certain due diligence studies including functional programming, space programming, architectural and MEP due diligence studies are in the process of being prepared by JHS Master Architect.
4. Budgets and schedules are in the process of development.
5. Each successful firm will be provided with approved Space Programs, Final Scopes, Schedules and Budgets prior to negotiations.
6. Each successful firm will be provided with full sets of JHS room standards and other finish standards that work towards a comprehensive branding program.
7. For work associated with JMH Main campus, all site work engineering will be performed by JHS Master Civil engineer of record.
8. Jackson Health System and Program Manager are utilizing a design to budget approach for design services. As such, at the completion of each phase including, SD, DD, and CD phases, or any interim phases such as 50% CD's, the architect must pause its services of their production schedule such as to allow sufficient time for project cost estimating to be performed by architect, program manager, and construction manager. The architect may, at its own risk, continue with certain services during the cost estimating phase for those services that may not be affected by the cost estimating phase. In the event that the project budget has been increased due to the scope of the architectural documents at each phase, then certain value engineering efforts will commence until project is either a.) returned to approved budget; or b.) additional funding is provided to cover the budget overage. Only when scope has been rectified will JHS and Program Managers authorize consultant to proceed into next phase.
9. At no time during any of the phases of work shall consultant be allowed to add additional square footage to the program, without prior written authorization from JHS and Program Manager.
10. Phasing of individual projects has not yet been determined. Any of the projects may be divided into various phases to allow for on-going operations, funding availability, and general sequencing.
11. The individual projects and scopes are as follows:

**Scope A
Jackson North Medical Center
Anticipated Scope**

The Scope of Services will include renovations and a bed tower solution. This combination of solutions will begin a phased approach of replacement in place. This scope of services includes five phases of professional architectural engineering services in support of construction improvements to the Jackson North Medical Center in accordance with Jackson Health System Master Plan recommendations. The following elements constitute the collective Scope of Services (Project to be authorized within the currently allocated budget identified above).

Scope of Services Elements in Priority Order:

- **Upgrades to Intensive Care Unit (ICU) Patient Floors for Increased Capacity**
 - Renovate existing ICU into a Preparation and Recovery Phase II Unit for Surgery/Catheterization
 - Approx. 18,000 SF
- **Upgrade and Modernize the Operating Suites and Ancillary Areas**
 - New Operating Room (OR) expansion of four to six operating rooms with Post-Anesthesia Care Unit (PACU) plus renovation of existing operating suite having a minimum of six larger rooms for a total of 10 to 12 ORs, all up to current code and industry standards. The proposed expansions and renovation include a mechanical penthouse for new and renovated ORs
 - Expansion approx. 11,550 SF
 - Renovation approx. 18,235 SF
- **New Exterior Façade and Lighting**
 - Renovation of building exteriors and accent lighting to provide an updated look to take advantage of the hospital's visibility to major highways and roadways
- **Floor Modernizations to Improve Outpatient Flows to Attract Patients and Providers**
 - Renovate and modernize patient floors to current code and industry standards
 - Approx. 18,000 SF (typ. for four floors)
- **Expand Emergency Department for Pediatric, Adult and Trauma Services**
 - Expand and renovate Emergency Department for growth in trauma and pediatrics
 - Expansion approx. 15,000 SF
 - Renovation approx. 11,673 SF
- **New Women's Center**
 - Facility expansion and medical service consolidation of all Obstetrics (OB) Services on one level, creating a Women's Center. This expansion and consolidation will support postpartum beds, antepartum beds, pediatric beds, Labor/Delivery/Recovery (LDR), Cesarean-Section, PACU, Neonatal Intensive Care Unit (NICU) and Triage
 - Approx. 20,000 SF
- **Code Upgrades**
 - Upgrades to Mechanical, Electrical, Plumbing and Fire Protection
 - Medical Gases
 - Information Technology Systems
 - Priority Wall and Life Safety code upgrades
 - Central energy plant to provide for sufficient chilled water, Emergency Generation
- **Bed Tower (this bed tower is proposed in lieu of renovating certain existing beds)**
 - Due Diligence Study

- Design of all associated site and civil work
- Demolition of parts of the existing facility
- Design of an Urgent Care Center

**Scope B
Jackson West Campus
Anticipated Scope**

- **Children’s Ambulatory Pavilion (CAP) and Outpatient Facility**
 - Design of a new Children’s Ambulatory Pavilion to include a Primary and Specialty Children’s Clinic, Adult Specialty Clinic, Imaging/Diagnostics, and Emergency Department
 - Approx. SF is not less than 100,000 SF and not greater than 200,000 SF
- **Accommodation for Future Hospital Departmental Capacities and Capabilities**
- **Civil and Infrastructure**
 - Design of site and civil work, traffic circulation, and entrance access including potential modifications to NW 25th Street
 - Potential wetland assessment and mitigation

**Scope C
Jackson Memorial Hospital Main Campus
Anticipated Scope**

- **Emergency Department Expansion, Miami Transplant and ICU Tower (all three services incorporated into one building, designed for future OR and bed expansions vertically and horizontally)**
 - Relocation of North Wing Services
 - Demolition of North Wing
 - Backfill renovations
 - Expansion of the adult ED with renovation of the existing emergency care and to improve patient access and flow, creating rapid results, and universal rooms. The project creates adult ED entrance to the North and ED space for growth and separate entry from Holtz Children ED.
 - Expansion: Approx. 15,000 SF
 - Renovation: Approx. 39,000 SF (Adult and Pedi)
 - Expansion of the Holtz lobby, entry and clinic program of 12,000 SF with the development of an entry plaza, canopy and drive.
 - Miami Transplant Institute: Consolidation of fragmented services to create a state of the art facility, housing 108 transplant beds, a 12 bed ICU, clinics, research, diagnostics and treatment, support and faculty offices.
 - Approx. 204,000 SF
 - Intensive Care Unit: Increase in acuity driven by strengthening tertiary services and a shift of low acuity care out of the hospital will require new, 180,000 SF facility, 120 private beds for intensive care rooms, which also includes support space and connections to the Memorial Hospital, ED, and Ryder Trauma Hospital.
 - The plan recommends the Demolition of four existing buildings for a total of 226,000 SF that are too costly to upgrade, obsolete, or in a significant location for future development. Current site central plants have capacity to meet the new increases in buildings coupled with the reduction of demolished space.
Renovation and reconfiguration of surgical and interventional services to appropriate room size, separation of patient flows, private prep and recovery.

- Site utility upgrades and roadway improvements are also included in the master plan budget, but will be designed by JHS Master Civil Engineer. Consultant is responsible for the coordination of the anticipated grading, storm water drainage, underground utilities, demolition packages, landscaping, roadways and vehicular access, and signage.

**Scope D
Jackson Main Campus Floor Modernizations
Anticipated Scope**

- Modernization program consisting of renovations of various patient floors across five main campus buildings, various outpatient clinics throughout main campus buildings, including multi-phase renovations and upgrades which are performed as space and floor units become available.
 - Approx. 250,000 SF

**Scope E
Jackson South Community Hospital
Anticipated Scope**

New Construction:

- **Pediatric Emergency Department and Trauma Expansion**
 - Approx. 2,600 SF

Modernization:

- **Behavioral Health and Radiology / Lab Entrance Renovation**
 - Approx. SF 11,000 SF
- **2nd Floor ICU Build-out**
 - Approx. Sf 6,500 SF
- **South Wing A Unit Modernization**
 - Approx. 19,300 SF
- **Labor and Delivery Modernization**
 - Approx. 24,300 SF

The following Consultant services shall apply to each and every project listed above.

The selected design professionals (Consultant) will be required to attend key stakeholder meetings throughout all phases of the Project and will be required to perform some or all of the following tasks as may be directed by JHS and Program Manager:

Phase I: Project Schematic Design Services

The Consultant shall provide the highest standard of professional architectural programming and schematic design services, including all applicable engineering disciplines, in accordance with industry standards, inclusive of the following services:

- 1) All drawings and details will be generated with the CADD system used by JHS and Program Manager, the standard size of drawings will be 30" x 42". The JHS and Program Manager uses

AutoCAD by Auto-Desk for CADD. Consultant shall also provide 3-D design modeling, elevations and building models for use during key stakeholder meetings. Consultant shall also provide exterior and interior project renderings as needed for use in JHS and Program Manager marketing materials and/or presentations.

- 2) The Consultant shall utilize JHS eBuilder portal for uploading of all documents, schedules, minutes, etc and also all consultant pay applications will be submitting through eBuilder.
- 3) JHS and Program Manager hospital standardization items, including, but not limited to: fixtures, furnishings, equipment and finishes, must be reviewed and implemented into the Project as directed by JHS and Program Manager; however, the Consultant must make its own professional conclusions as to best practices and submit recommendations to JHS and Program Manager for review and approval. Additionally, the consultant will be required to utilize JHS and Program Manager standard patient room layout, JHS and Program Manager standard color and aesthetic palettes, and JHS and Program Manager standard MEP equipment systems.
- 4) The Consultant shall be responsible for the design of all equipment spaces and must provide design for all necessary systems and utilities to achieve a complete installation and operation of the equipment, inclusive of JHS and Program Manager-supplied equipment. The following design and building components will be analyzed for recommendations or for identification of alternate materials, systems, equipment and development of conceptual solution for the following:
 - a. Demolition Plans
 - b. Alternate structural systems
 - c. Energy sources
 - d. Energy conservation
 - e. Heating and ventilating
 - f. Air Conditioning
 - g. Plumbing
 - h. Fire Protection
 - i. General space requirements
 - j. Housekeeping vacuum
 - k. Conveying systems
 - l. Power service and distribution
 - m. Lighting
 - n. Telecommunications
 - o. Fire detection and alarms
 - p. Security systems
 - q. Electronic communications
 - r. Medical communications systems
 - s. Acoustical systems
 - t. Special electrical systems
 - u. Landscaping
 - v. On-site utility systems
 - w. Fire protection feeders
 - x. Drainage systems
 - y. Paving, drives and walkways
 - z. Public thoroughfares
 - aa. Off-site utilities
 - bb. Furniture and equipment layouts including MEP and architectural requirements
 - cc. Identification of potential architectural materials, systems, equipment and their criteria and quality standards consistent with the conceptual design
 - dd. Investigation of availability of suitability of alternative architectural materials, systems and equipment
 - ee. Utility system operational cost analysis of gas and electricity usage, including alternative approaches to heat recovery

- 5) JHS and Program Manager shall incorporate, wherever practical, green building practices into the planning, design, construction, management, renovation, maintenance and decommission of buildings owned, financed and/or operated by JHS and Program Manager.
- 6) The Consultant shall confer with and coordinate and or lead Project presentations with JHS Program Manager, (URS), President, Vice President of Facilities, Design and Construction, Corporate Director of Capital Projects, Jackson Memorial Hospital Chief Executive Officer, other JHS and Program Manager partners and authorized designees. The purpose of which is to further define or modify the provided Program consisting of a detailed listing of functions and spaces together with the square footage of each assignable space, gross square footage, and a description of the relationships between and among the principal programmatic elements, as may be necessary during the process of converting the space program into architectural floor plans.
- 7) The Consultant shall prepare and present for JHS and Program Manager approval a Design Concept and Schematics Report, comprising the Schematic Design Studies, including an identification of any special requirement affecting the Project, as defined below:
 - a. The Schematic Design Studies shall consist of site and floor plans, elevation, sections, etc., as required to show the scale and relationship of the parts and the design concept of the whole. Floor plans may be single-line diagrams; door and window locations are not required. The studies shall contain notes and a site analysis of existing conditions including equipment system and structural systems evaluation for program feasibility. A simple perspective rendering of sketch, model or photograph thereof may be provided to further show the design concept.
 - b. The Project production Schedule shall show the proposed completion date of each phase of the Project through design, bidding, construction and proposed date of occupancy by JHS and Program Manager. Additionally the production schedule shall show each user group meeting date throughout all phases of consultants work. Each printing cycle, including drawings, specifications, and other information to convey the design, and lastly the schedule will show pauses for cost estimating.
- 8) For all phases of work, The Consultant shall submit four (4) sets of all printed documents, and upload all documents to JHS eBuilder portal.
- 9) If required, Consultant shall present up to three (3) design options and recommended solutions for cost-savings in connection with the Project.
- 10) Following approval by JHS and Program Manager, the Consultant shall seek and secure review of those documents (dry-run) by all competent regulatory agencies as may be necessary or appropriate to obtain ultimate approval by those agencies including, but not limited to: AHCA Stage I Review, City of Miami, City of North Miami Beach, Doral, and Miami-Dade County.
- 11) Additional services as may be required by JHS and Program Manager to complete Phase I Services.

Phase II: Project Design Development Services

- 1) All drawings and details will be generated with the CADD system used by JHS and Program Manager, the standard size of drawings will be 30" x 42". The JHS and Program Manager uses AutoCAD by Autodesk for CADD. Consultant shall also provide 3-D design modeling, elevations and building models for use during key stakeholder meetings. Consultant shall also provide exterior and interior project renderings as needed for use in JHS and Program Manager marketing materials and/or presentations.

- 2) The Consultant shall provide Design Development documents based on the approved Schematic Design documents and updated budget for the cost of the Project. The Design Development documents shall illustrate and describe the refinement of the design of the Project, establishing the scope, relationships, forms, size and appearance of the Project by means of plans, sections and elevations, typical construction details and equipment layouts. The Design Development documents shall include specifications that identify major materials and systems and establish in general their quality levels. Design Development deliverables may be split up into multiple phases, to be determined by JHS and Program Manager in the future.
- 3) JHS and Program Manager shall incorporate, wherever practical, green building practices into the planning, design, construction, management, renovation, maintenance and decommission of buildings owned, financed and/or operated by JHS and Program Manager. Compliance shall be determined by completing a formal certification process with the U.S. Green Building Council (USGBC), or as otherwise directed by the Miami-Dade County Sustainability Manager. As a deliverable at the end of the Phase II Design Development Services, the Consultant shall document progress on meeting sustainable design goals.
- 4) The Consultant shall continue with the development and expansion of the architectural Schematic Design documents to establish the final scope, relationships, forms, size and appearance of the Project through:
 - a. Plans Sections and elevations
 - b. Typical construction details
 - c. Three-dimensional sketch(es)
 - d. Study model(s)
 - e. Final materials selection
 - f. Equipment layouts coordinated with medical equipment planner and communications planner
 - g. Constructability reviews, if applicable
 - h. Value engineering
- 5) The Consultant shall finalize the development and expansion of all aspects of the architectural Schematic Design documents to outline specifications, details and/or materials in order to establish the following:
 - a. Demolition and Site Preparation
 - b. Basic structural system dimensions
 - c. Final structural design criteria
 - d. Foundation design criteria
 - e. Preliminary sizing of major structural components
 - f. Critical coordination clearances
 - g. Outline Specifications or material lists for all Construction Specifications Institute (CSI) divisions
 - h. Existing building coordination
 - i. Approximate equipment sizes and capacities
 - j. Preliminary equipment layouts
 - k. Required space for equipment
 - l. Acoustical and vibration control
 - m. Visual impacts
 - n. Energy conservation measures
 - o. Criteria for lighting, electrical and communications systems
 - p. Approximate sizes and capacities of major components
 - q. Landscaping
 - r. Required chases and clearances
 - s. Continued development and expansion of civil Schematic Design documents

- t. Continued development and expansion of landscape Schematic Design documents
 - u. Interior construction of the Project
 - v. Special interior design features
 - w. Furniture, furnishings and equipment selections
 - x. Materials, finishes and colors for all FF&E and construction trades
- 6) The Consultant will work collaboratively with the Construction Manager (CM) in the CM's preparation of a construction phase and sequence report to ensure continuity of services and traffic to adjacent hospital areas. The report should also address staging, storage and debris management during construction. (site logistics plan)
 - 7) Following approval by JHS and Program Manager, the Consultant shall seek and secure review of those documents (dry-run) by all competent regulatory agencies as may be necessary or appropriate to obtain ultimate approval by those agencies including, but not limited to: AHCA Stage I Review, City of Miami, City of North Miami Beach, Doral, and Miami-Dade County.
 - 8) Additional services as may be required by JHS and Program Manager to complete Phase II Services.

Phase III: Project Construction Documents

- 1) All drawings and details will be generated with the CADD system used by JHS and Program Manager, the standard size of drawings will be 30" x 42". The JHS and Program Manager uses AutoCAD by Autodesk for CADD. Consultant shall also provide 3-D design modeling, elevations and building models for use during key stakeholder meetings. Consultant shall also provide exterior and interior project renderings as needed for use in JHS and Program Manager marketing materials and/or presentations.
- 2) The Consultant shall provide Construction Documents based on the approved Design Development documents and updated budget for the Project. The Construction Documents shall set forth in detail the requirements for construction of the Project. The Construction Documents shall include drawings and specifications that detail the quality levels of materials and systems required for the Project. The Construction Documents shall comply with all applicable laws, statutes, ordinances, codes, rules and regulations currently in effect and JHS and Program Manager approval of the Construction Documents shall in no way be construed to relieve the Consultant of its professional and contractual responsibilities for the Project. The Construction Documents will likely be produced and issued as multiple Bid and/or Request for Proposal Packages, to be determined by JHS and Program Manager in the future.
- 3) The consultant will produce and prepare an early release package for Site-work, foundations and shell package.
- 4) The Consultant shall make a 50% Construction Documents submittal for approval by JHS and Program Manager, which shall include:
 - i. Four (4) sets of all drawings and the Project Manual.
 - ii. A complete index of every drawing sheet to become part of the Construction Documents and the Consultant's evaluation of the individual percentage completion of each sheet.
 - iii. The Consultant, in preparation of the Project Manual, shall use CSI Standards, including the 48-Division format developed and recommended by the CSI. The 50% Construction Documents submittal shall include all sections of Divisions "0" and "1" and at least 50% Construction Specifications. The 50% Construction Documents submittal shall also include at least 50% of the technical specifications sections, each of which should be 100%

complete. These specifications should not be merely outline specifications as submitted during Phase II.

- iv. The Consultant may also be authorized to include in the Construction Documents approved additive or deductive alternate bid items to permit JHS and Program Manager to award a construction contract within the Fixed Limit of Construction Costs.
 - v. The Construction Documents may be used to identify a Guaranteed Maximum Price (GMP) for use in Phase IV services.
- 5) During development of the Construction Documents, the Consultant shall assist JHS and Program Manager, the construction manager and the CM, in the development and preparation of: 1) bidding and procurement packages information which describes the time, place and conditions of bidding; bidding or proposal forms.
 - 6) Construction Documents issued to JHS and Program Manager and submitted for permitting shall be complete and not issued with significant coordination remaining among disciplines or known missing items. JHS and Program Manager shall in no way be liable for Consultant's requirements to develop a compliant set of documents and will not be responsible for the cost associated with incorporating revisions required by the AHCA Review, City of Miami, City of North Miami Beach, Doral, and Miami-Dade County, or other agencies having jurisdiction, prior to issuance of building permit. AHJ comments/requests received thereafter permit issuance will be evaluated on a case-by-case basis as to appropriateness.
 - 7) The Consultant shall include and will be paid for JHS and Program Manager-requested alternates outside of the established Project scope or that are not constructed due to a lack of funds. No fee will be paid by JHS and Program Manager in connection with alternates required by the failure of the Consultant to design the Project within the Fixed Limit of Construction Cost.
 - 8) Following approval by JHS and Program Manager, the Consultant shall seek and secure review of those 100% documents (dry-run) by all competent regulatory agencies as may be necessary or appropriate to obtain ultimate approval by those agencies including, but not limited to: AHCA Review, City of Miami, City of North Miami Beach, Doral, and Miami-Dade County.
 - 9) Additional services as may be required by JHS and Program Manager to complete Phase III Services.

Phase IV: Project Construction Procurement Services

- 1) It is anticipated that JHS and Program Manager will secure CM services shortly after the architect commences their work. Procurement services by the architect will include those services necessary to support the CM to secure competitive subcontractor bids, attend community workshops for the construction subcontractor industry in efforts to gain good bidding and support of the project.
- 2) The Consultant shall assist JHS and Program Manager in bid/proposal validation and determination of the successful bid or proposal, if any.
- 3) Competitive Procurement:
 - a. If requested by JHS and Program Manager, the Consultant shall arrange for the reproduction of Procurement Documents for distribution to prospective bidders/proposers. JHS and Program Manager shall pay directly for the cost of reproduction or shall reimburse the Consultant for such expenses.

- b. The Consultant shall consider requests for substitutions, if permitted by the Procurement Documents, and shall prepare addenda identifying approved substitutions to all prospective bidders/proposers.
 - c. The Consultant shall participate in a pre-bid/pre-proposal conference(s), community workshops, for prospective bidders/proposers.
 - d. The Consultant shall prepare responses to questions from prospective bidders/proposers and shall provide clarifications and interpretations of the Procurement Documents to all prospective bidders/proposers in the form of addenda.
 - e. The Consultant shall participate in oral presentations and/or selection interviews, if applicable, with prospective proposers.
- 4) Additional services as may be required by JHS and Program Manager to complete Phase IV Services.

Phase V: Project Construction Contract Administration Services

1) General Administration

- a. The Consultant shall provide administration services of the contract(s) between JHS and Program Manager and the Contractor as set forth below and in accordance with the final executed Construction Contract(s) (Contract).
- b. The Consultant shall provide Contract Administration Services upon award of the Contract until sixty days after the date of substantial completion in accordance with the schedule in Section 4.2 of the P.S.A.
- c. The Consultant shall be a representative of and shall advise and consult with JHS and Program Manager during the provision of Phase V Services.
- d. The Consultant shall review and respond within ten (10) calendar days properly prepared, timely requests by the Contractor for additional information about the Contract Documents.
- e. The Consultant shall on behalf of JHS and Program Manager prepare, reproduce and distribute supplemental Drawings and Specifications in response to requests for information by the Contractor. Additionally, the Consultant shall be responsible for writing and distributing minutes of all meetings conducted regarding the Project within five (5) working days.
- f. The Consultant shall interpret and decide matters concerning performance of the Contractor under and in accordance with the Contract Documents upon written request of either JHS or Program Manager or the Contractor. The Consultant's response to such requests shall be made in writing within any time limits agreed upon or otherwise with reasonable promptness. The Consultant shall also be the initial interpreter of the Construction Contract Documents when necessary to clarify any term, provision or condition thereof between JHS and Program Manager and the Contractor. This section shall not override the claims and dispute resolution provisions in the Contract between JHS and Program Manager and the Contractor.
- g. Interpretations and decisions of the Consultant shall be consistent with the intent of and reasonably inferable from the Contract Documents and shall be in writing or in the form of drawings.

- h. If requested by JHS and Program Manager, the Consultant shall render initial decisions to JHS and Program Manager on claims, disputes or other matters in question between JHS and Program Manager and Contractor as provided for in the Contract Documents.

2) Evaluations of the Work

- a. The Consultant, as a representative of JHS and Program Manager, shall visit the site at frequent intervals appropriate to the stage of Contractor's operations and as defined below: 1) to become generally familiar with and to keep JHS and Program Manager informed about the progress and quality of the portion of the Work completed; 2) to endeavor to guard JHS and Program Manager against defects and deficiencies in the Work; and 3) to determine if the Work is being performed in a manner indicating that the Work, when completed, will be in accordance with the Contract Documents. The Consultant shall within five (5) working days submit to JHS and Program Manager a detailed written report subsequent to each on-site visit. However, the Consultant shall not be required to make exhaustive or continuous on-site inspections to check the quality of quantity of the Work. The Consultant will exercise reasonable care and diligence in identifying and immediately reporting to JHS and Program Manager any known defect or deficiencies in the Work of the Contractor or any of its Subcontractors or their agents or employees or any other person performing work on the Project. During the Construction Phase, the Consultant shall visit the Project site at a minimum of one time per week to attend JHS and Program Manager/Consultant/Contractor coordination and progress meetings and to review the progress and quality of the work. In addition, the Consultant shall visit the site with the MEP Consultant a minimum of every two weeks to observe the progress and quality of the work, and prepare an observation report for each site visit in order to report Contractor progress, general observations and non-conforming materials, installations or construction practices. The Consultant shall also confirm with the Contractor and any other appropriate parties that deficient items from the previous visits have been corrected. The site visit frequency noted above does not apply during the punch list, final stages of construction and close-out during which JHS and Program Manager shall require greater on-site presence by the Consultant and engineers to provide for efficient Project completion. The Consultant shall neither have control over of charge of, nor be responsible for, the construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, since these are solely the Contractor's rights and responsibilities under the Contract Documents.
- b. The Consultant shall report to JHS and Program Manager known deviations from the Contract Documents and from the most recent construction schedule submitted by the Contractor. However, the Consultant shall not be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents.
- c. The Consultant shall at all times have access to the Work wherever it is in preparation of progress.
- d. JHS and Program Manager shall communicate with the Contractor and copy the Consultant about matters arising out of or relating to the Contract Documents. Communications by and with the Consultant's sub-consultants shall be through the Consultant.
- e. The Consultant shall have authority (subject to JHS and Program Manager Approval) to reject Work that does not conform to the Contract Documents. Consultant shall provide JHS and Program Manager written notice of the decision to reject work at the same time that the Consultant provides Contractor notice of the decision to reject work. Whenever the Consultant considers it necessary or advisable, the Consultant will have authority to require inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not such Work is fabricated, installed or completed, provided, however, the Consultant must obtain JHS and Program Manager's prior written approval of any such special testing or inspection. However, neither this authority of the Consultant nor

a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the Consultant to the Contractor, Subcontractors, material and equipment suppliers, their agents or employees or other persons or entities performing portions of the Work.

3) Certification of Payments to Contractor

- a. The Consultant shall review and certify the amounts due the Contractor and shall issue Certificates for Payment in such amounts within ten (10) working days after receipt of the Contractor's Application for Payment or longer period if set forth in the Contract, and, from time to time, upon the request of JHS and Program Manager, shall issue to JHS and Program Manager's lender a certificate in a form reasonably acceptable to JHS and Program Manager and Consultant. Consultant's certification for payment shall constitute a representation to JHS and Program Manager that the Work has progressed to the point indicated and that, to the best of the Consultant's knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to: 1) an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion; 2) results of subsequent tests and inspections; 3) correction of minor deviations from the Contract Documents prior to completion; and 4) specific qualifications expressed by the Consultant.
- b. The issuance of a Certificate of Payment shall not be a representation that the Consultant has: 1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work; 2) reviewed construction means, methods, techniques, sequences or procedures; or 3) ascertained how or for what purpose the Contractor has used money previously paid on account of the Contract Sum. If the Contract is based on a Guaranteed Maximum Price, Consultant shall review copies of requisitions received from Subcontractors, material suppliers and other data necessary to certify payment.
- c. The Consultant shall maintain a record of the Contractor's Applications for Payment.

4) Submittals

- a. The Consultant shall review and approve or take other appropriate action upon the Contractor's submittals such as Shop Drawings, Product Data and Samples for the purpose of 1) checking for conformance with the Contract Documents and 2) checking that the work affected by such submittals is in compliance with the requirements of the Contract Documents.
- b. The Consultant shall maintain a record of submittals and copies of submittals supplied by the Contractor.
- c. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of the Contractor by the Contract Documents, the Consultant shall specify appropriate performance and design criteria that such services must satisfy. Shop Drawings and other submittals related to the Work designed or certified by the design professional retained by the Contractor shall bear such professional's written approval when submitted to the Consultant.

5) Changes in the Work

- a. The Consultant shall review properly prepared, timely requests by JHS and Program Manager or Contractor for changes in the Work, including adjustments to the Contract Sum or Contract Time. A properly prepared request for a change in the Work shall be accompanied by sufficient supporting data and information to permit the Consultant to make a reasonable determination without extensive investigation or preparation of additional

drawings or specifications. If the Consultant determines that requested changes in the Work are not materially different from the requirements of the Contract Documents, the Consultant may recommend a minor change in the Work or recommend to JHS and Program Manager that the requested change be denied. Determinations on all requests under this section shall be made within ten (10) working days.

- b. If the Consultant determines that implementation of the requested changes would result in a material change to the Contract that may cause an adjustment in the Contract Time or Contract Sum, the Consultant shall make a recommendation to JHS and Program Manager, who may authorize further investigation of such change(s). Upon such authorization, and based upon information furnished by Contractor, if any, the Consultant shall estimate the additional cost and/or time that might result from such change. With JHS and Program Manager Approval, the Consultant shall incorporate those estimates into a Change Order(s) or other appropriate documentation for JHS and Program Manager execution or negotiation with the Contractor. In no way shall JHS and Program Manager bear the cost for Consultant's services or Contractor charges associated with Consultant-initiated changes to complete the drawings after issuance of a building permit or to correct design error or omissions.
- c. The Consultant shall prepare Change Orders and Construction Change Directives for JHS and Program Manager approval and execution in accordance with the Contract Documents. The Consultant may recommend minor changes in the Work not involving an adjustment in Contract Sum or an extension of the Contract Time which are consistent with the Contract Documents. If necessary, the Consultant shall prepare, reproduce and distribute drawings and specifications to describe Work to be added, deleted or modified.
- d. The Consultant shall maintain records relative to Changes in the Work including a log of all Construction Change Directives and Change Orders with current status of same updated on a weekly basis.

6) Project Completion

- a. In conjunction with JHS and Program Manager, Consultant shall conduct site inspections to determine the dates of Substantial Completion and Final Completion, and shall issue Certificates of Substantial Completion and Final Completion. The Consultant shall receive and review (and approve or disapprove, as appropriate) the completeness of the written guarantees, warranties and related documents required by the Contract Documents to be assembled and submitted by the Contractor, and shall issue to JHS and Program Manager a final Certificate of Payment, together with such written guarantees, warranties and related documents set forth above and in compliance with the Contract Documents.
- b. The Consultant's inspections shall be conducted with JHS and Program Manager Designee to check conformance of the Work with the requirements of the Contract Documents and to check the accuracy and completeness of the list submitted by the Contractor of Work to be completed or corrected. Any incomplete list furnished by the Contractor will be supplemented by the Consultant promptly upon receipt. Consultant shall identify additional items to be completed by room number/location, etc.
- c. When the Work is found to be substantially complete, the Consultant shall inform JHS and Program Manager about the balance of the Contract Sum to be paid the Contractor, including any amounts needed to pay for final completion or correction of the Work.
- d. The Consultant shall receive from the Contractor and forward to JHS and Program Manager:
1) consent of surety or sureties, if any, to reduction in or partial release of retainage or the making of final payment and 2) affidavits, receipts, releases and waivers of liens or bonds indemnifying JHS and Program Manager against liens. One year from Substantial

Completion, the Consultant will cooperate with JHS and Program Manager in creating a list of warranty items that require correction, repair or replacement.

- e. To assist with permit close out, the Consultant shall provide as-built drawings both in paper and CADD format to both the Contractor and JHS and Program Manager at the conclusion of the Project based upon a set of marked-up prints provided by the Contractor including all changes made during the course of construction.

7) Facility Operation Services

- a. The Consultant shall meet with JHS and Program Manager Designee prior to Substantial Completion to review the need for facility operation services.
- b. Prior to the expiration of one year from the date of Substantial Completion, the Consultant shall conduct a meeting with JHS and Program Manager Designee to review the facility operations and performance and to make appropriate recommendations to JHS and Program Manager.

8) Additional services as may be required by JHS and Program Manager to complete Phase V Services.

ESTIMATED PROJECT BUDGET, FUNDING SOURCES AND SCOPE OF SERVICES

	Project Budgets				
	JHS North Medical Center	JHS West Campus	JHS Main Campus	JHS Main Campus Floor Modernizations	JHS South Community Hospital
Architectural/Engineering Estimated Cost	\$6,000,000	\$4,800,000	\$16,701,375	\$6,171,000	\$1,804,000
Contingency Fees for A/E (10%)	\$600,000	\$480,000	\$1,670,138	\$617,100	\$180,400
Reimbursable Expenses (3%)	\$180,000	\$144,000	\$501,041	\$185,130	\$54,120
Total Estimated PSA Compensation	\$6,780,000	\$5,424,000	\$18,872,554	\$6,973,230	\$2,038,520
PSA Term Duration through the Construction and Warranty Period (calendar days)	2,555 CD	1,278 CD	1,825 CD	2,555 CD	1,095 CD
Construction	\$60,000,000	\$60,000,000	\$186,075,000	\$72,600,000	\$22,550,000
Medical Equipment	\$9,000,000	\$21,000,000	\$54,018,750	\$18,150,000	\$5,637,500
Owner Contingency	\$9,000,000	\$6,000,000	\$20,055,000	\$14,520,000	\$2,255,000
Other Costs	\$15,220,000	\$7,576,000	\$32,478,696	\$19,756,770	\$8,518,980
Project Total	<u>100,000,000</u>	<u>100,000,000</u>	<u>311,500,000</u>	<u>132,000,000</u>	<u>41,000,000</u>

*Capital Contribution dollars are contingent upon cash flow availability in future fiscal years, subject to allocation approval by the Public Health Trust Board of Trustees on an annual basis.