

MEMORANDUM

Agenda Item No. 9(A)(1)

TO: Honorable Vice Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

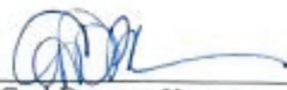
DATE: November 19, 2020

FROM: Geri Bonzon-Keenan
Successor County Attorney

SUBJECT: Resolution approving an
Amended and Restated Interlocal
Agreement between Miami-Dade
County and the City of Miami
Beach, authorizing the County
Mayor to execute the Agreement
and exercise the cancellation
provisions contained therein

Resolution No. R-1205-20

The accompanying resolution was prepared by the Library Department and placed on the agenda at the request of Prime Sponsor Commissioner Sally A. Heyman.



Geri Bonzon-Keenan
Successor County Attorney

GBK/lmp

Memorandum



Date: November 12, 2020

To: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor 

Subject: Resolution Authorizing an Amended and Restated Interlocal Agreement between the City of Miami Beach and Miami-Dade County Relating to the Provision of Library Services

Recommendation

It is recommended that the Board of County Commissioners (Board) authorize the County Mayor or County Mayor's designee to execute the attached Amended and Restated Interlocal Agreement (Attachment 1) between Miami-Dade County (County) and the City of Miami Beach (City) related to the provision of library services by the County to the City. The primary purpose of this amendment is to incorporate the terms and conditions related to future relocation of the existing North Shore Library, located at 7501 Collins Avenue, to the soon-to-be constructed 72nd Street Community Complex Project, which is being planned by the City to include a new North Shore Library. This Amended and Restated Interlocal Agreement also serves to remove provisions that are no longer applicable and/or update various terms and conditions from the original 1986 transfer of the City's libraries (Miami Beach Regional, North Shore Branch, and South Shore Branch) to the County, as described in the Background section of this memorandum. This Amended and Restated Interlocal Agreement was considered and approved by the City of Miami Beach at their September 16, 2020 Commission meeting via City Resolution 2020-31386 (Attachment 2).

Scope

Both the existing North Shore Library and the new North Shore Library are located in County Commission District 4, which is represented by County Commissioner Sally A. Heyman. The South Shore Library and Miami Beach Regional Library are located in County Commission District 5, which is represented by County Commissioner Eileen Higgins.

Fiscal Impact/Funding Source

The cost for design and construction of the new North Shore Library is to be funded from the City's recently approved 2018 General Obligation Bond program for the 72nd Street Community Complex Project. The County will be responsible for the costs of furniture, fixtures, and equipment (FFE) that are purchased by the County for the new library, which is estimated to be approximately \$253,000 funded by existing Building Better Communities General Obligation Bond funding designated for the existing North Shore Library. As the new library will be a part of a multi-use, multi-tenant facility, the County will also be responsible for its pro rata common area maintenance costs in the new library.

All of the existing financial terms between the County and City will continue for all three City libraries, including the City's ongoing participation in the Miami-Dade Library Taxing District, the County's nominal (\$1 per year) lease payment to the City for use of the City-owned libraries, and, specific to the South Shore Library location, the County's obligations to continue its responsibility for the payment of condominium fees and assessments.

Track Record/Monitor

There are no known issues with the City. This Interlocal Agreement, as well as the construction of the new North Shore Library will be monitored by Leo Gomez, Assistant Director, and Alice Arguelles, Construction Manager, Miami-Dade Public Library System (MDPLS).

Background

On June 20, 1986, the County and the City entered into an Interlocal Agreement related to the County's provision of library services within the City, approved via County Resolution No. R-1003-86 and City Resolution No. 86-18488. Pursuant to that Interlocal Agreement, the City transferred its library buildings and operational responsibility to the County, merging with the Miami-Dade Public Library System. Accordingly, that Interlocal Agreement provided for the County to use and lease the City's existing library facilities, hire the City's library employees, and be directly responsible for the provision of library services for the City's residents.

On December 7, 2005, the First Amendment to the Interlocal Agreement was adopted by County Resolution No. R-82-06 and City Resolution No. 2005-26060) defining responsibilities for the relocation of services to the then newly-constructed Miami Beach Regional Library at 227 22 Street and the new South Shore Library location at 131 Alton Road, Unit CU-2 (South Shore Branch), provided for the possible inclusion of a police substation within the Miami Beach Regional Library, and clarified the definition of maintenance fees to include payments by the County of condominium fees at the South Shore Branch.

The County has continued to provide library services and pay for the operational and maintenance costs within the City at the three City locations (Miami Beach Regional, South Shore, and North Shore). Under the terms and conditions of the existing Interlocal Agreement, the City has the right to relocate any existing City library facility, provided that the City pays for the costs of the relocation, and further provided that the new location is approved by the County.

As a result of the voter-approved 2018 City General Obligation Bond, the City is proceeding with the design and construction of the 72nd Street Community Complex Project (Project), to be located at 299 72 Street, Miami Beach, Florida. The City anticipates that the Project will include various programmatic elements, including a 500-space parking structure, a 50-meter competition pool with support amenities, a 25-meter multi-purpose pool, a 5,000-square foot commercial/retail area, a 7,500-square foot fitness center, a 5,000-square foot community center, a hardened fire and police operations room, 60,000- square foot of active green space, a jogging path, and, a new, larger 7,500-square foot library to replace the existing North Shore Library.

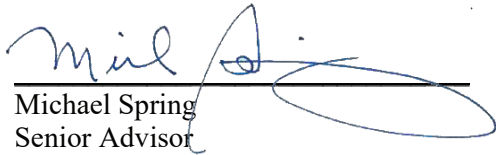
The County began working with the City on the planning and programmatic elements for the new Library and its inclusion as part of the Project leading up to, and after, approval of the City's General Obligation Bond. This Amended and Restated Interlocal Agreement incorporates the necessary changes, terms and conditions to memorialize the mutual desires of the City and the County to ultimately relocate the North Shore Library to the Project, and includes the proposed design and programmatic elements for the new library, the process for the County's final approval of the design and programmatic elements, the County's involvement in its design and construction, and the timing for the relocation to the new library (estimated to be either in 2023 or 2024) upon completion of the Project.

Among other terms addressed, the Amended and Restated Interlocal Agreement clarifies the terms relating to the Miami Beach Police Department's use of Conference Room 202A at the Miami Beach Regional Library as a police sub-station; clarifies terms relating to the parking spaces the City provides to County library staff working at the three library locations within the City; and clarifies terms with regard to the termination of the Agreement

to provide a more equitable arrangement for reimbursing the County for the value of unamortized permanent improvements completed by the County, solely in the event of the City's termination of the Interlocal Agreement.

The timing for approval of the Interlocal Agreement is critical for the City, as it will permit the City to provide preliminary design and budget guidance as part of the City's ongoing Request for Proposals process for the Design/Builder for the Project.

Approval of this item is recommended as the existing North Shore Library is in a 1970's-era building that is in need of significant capital repairs and improvements. The relocation to a brand new and larger library facility located in a multi-use project with multiple other public amenities will be beneficial to the City and the County in better providing services to the public and will further the County's ongoing capital plan for improvement of our library facilities.


Michael Spring
Senior Advisor

**AMENDED AND RESTATED INTERLOCAL AGREEMENT
BETWEEN
MIAMI-DADE COUNTY
AND
CITY OF MIAMI BEACH**

This Amended and Restated Interlocal Agreement ("Agreement") is entered into this ____ day of _____, 2020, between Miami-Dade County, a political subdivision of the State of Florida (the "County") and the City of Miami Beach, a municipal corporation of the State of Florida (the "City") (County and City each, a "Party" and collectively, the "Parties").

WITNESSETH

WHEREAS, on June 20, 1986, the County and the City entered into an Interlocal Agreement related to the County's provision of library services within the City, approved via County Resolution No. R-1003-86 and City Resolution No. 86-18488, as amended by the First Amendment to Interlocal Agreement, approved by County Resolution No. R-82-06 and City Resolution No. 2005-26060, and the Second Amendment to Interlocal Agreement, approved by County Resolution No. R-102-14 and City Resolution No. 2013-28371 (collectively, as amended, the "Original Interlocal"); and

WHEREAS, many of the obligations in the Original Interlocal related to the initial transfer of the former City-operated libraries to the County's Library System have been met, including provisions with respect to the County's hiring of former City library employees and the like; and

WHEREAS, the Original Interlocal further provided the County with the right to lease certain City-owned library facilities for nominal rent of \$1 per year, solely for the provision of continued library services; and

WHEREAS, pursuant to the Original Interlocal, the County leased and operated the City-owned North Shore Branch Library, located at 7501 Collins Avenue (the "North Shore Branch Library" or "Existing North Shore Branch Library"); and

WHEREAS, the City, as a result of its voter-approved 2018 General Obligation Bond program, will be moving forward with the design and construction of a project entitled "72nd Street Community Complex Project," to be located at 299 72nd Street, Miami Beach, Florida, which proposes the inclusion of a new library facility as described in paragraph 18 of this Agreement, to replace the Existing North Shore Branch Library ("New Library"); and

WHEREAS, the County, has been working with the City on the planning and programmatic elements for the New Library, and supports the relocation of the Existing North Shore Branch Library and inclusion of the New Library as part of the 72nd Street Community Complex Project; and

WHEREAS, this Amended and Restated Interlocal Agreement replaces in its entirety the aforementioned Original Interlocal, incorporating the terms and provisions that

will continue to remain in effect, updating various terms and provisions, and incorporating the necessary terms, provisions, and exhibits related to the County's and the City's responsibilities in the design, construction, and eventual operation by the County of the New Library, as well as County's obligations in surrendering and vacating the Existing North Shore Branch Library upon completion of the New Library.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, and other good and valuable considerations, it is expressly understood and agreed:

1. Premises:

(a) Subject to the terms and conditions of this Agreement, the City agrees to lease to the County, for one dollar (\$1.00) per year, those City properties located at:

(i) 227 22nd Street, known as the "Miami Beach Regional Library," inclusive of all furniture, fixtures, and equipment purchased by the City as part of the turnkey construction of this facility; and

(ii) 7501 Collins Avenue, known as the "North Shore Branch Library," provided, however, that in accordance with Section 18(e) of this Agreement, County agrees to vacate and surrender the North Shore Branch Library premises within 180 days following the City's delivery of the Relocation Notice to the County; and

(iii) The New Library (upon completion of construction thereof, as part of the 72nd Street Community Complex Project at 299 72nd Street), subject to the terms and conditions set forth in paragraph 18 and Exhibit "A" of this Agreement; and

(iv) 131 Alton Road, Unit CU-2, known as the "South Shore Branch Library" (collectively, the "Leased Premises.")

The Leased Premises shall be used solely for library services, and in the event the County ceases to use such Leased Premises for this purpose, or builds or leases a new or replacement library facility in the City, then, upon such cessation of use or occupation of new premises, the use of said described property shall revert immediately to the City.

(b) The City retains the right to close or to relocate any of the existing Leased Premises being utilized by the County as library facilities to other locations, provided that the City shall pay all reasonable costs to relocate the library and its contents, and further provided that for any new location, the site and/or location, as well as the design and programmatic elements are approved by the County Director of Libraries, in accordance with the same process utilized in Section 18(b) of this Agreement with respect to the County's approval of the Program Scope and Library Specifications for the New Library. In the event the City closes one of the City-owned properties without relocating it within a reasonable period, this Agreement shall be subject to cancellation, at the option of the County but such cancellation shall be deemed a City cancellation for the purpose of paragraph 16.

2. **Term:** The term of this Agreement shall be effective upon approval by both the Miami-Dade Board of County Commissioners and the City of Miami Beach Commission and shall continue until terminated as provided herein, subject to the terms and conditions contained herein.

Either party may cancel this contract by written notice delivered to the other, but such notice must be delivered at least one hundred eighty (180) days prior to October 1st of each year, said cancellation to take effect on October 1st.

3. **Access:** The Leased Premises (including any future library facilities in the City that may be replaced, relocated, or newly constructed by the City in accordance with this Agreement), shall be open to use by all residents of the County library taxing district and the County's Reciprocal Borrowing Partners. Residents of the City shall have the same rights and privileges in the use of other County libraries, Reciprocal Borrowing Partner libraries, and services as are granted other County residents taxed for library services by the County. The County's current Reciprocal Borrowing Partners include the libraries in the Cities of Hialeah, Homestead, North Miami, and North Miami Beach.

4. **Service and Hours of Operation:** The County will continue to provide library services and amenities to the City at a level consistent with the level of service, staffing, and hours of operation provided throughout the Miami-Dade Public Library Taxing District, subject to the availability of funding to the entire Miami-Dade Library Taxing District, which is approved annually by the Miami-Dade Board of County Commissioners. Miami-Dade Public Library System library locations will be operated in accordance with all rules and regulations of the Miami-Dade Public Library System.

5. **Tax Funding:** The County agrees to levy the same millage within the municipal limits of the City as in other areas of the Miami-Dade Public Library Taxing District.

6. **Maintenance:** The County shall, at its sole cost and expense, maintain, repair and replace both the interior, exterior, plant and equipment, and grounds (as applicable) of the Leased Premises in the same condition of proper cleanliness, state of attractive appearance of good repair as of the time said Leased Premises were transferred to the County by the City, reasonable wear and tear excepted. The County's maintenance obligations herein shall include any maintenance, repair or replacement work that may be required in connection with any forty (40) year recertification of any of the Miami Beach Regional Library (and subsequent ten (10) year re-certifications thereafter). With respect to maintenance or repairs of the common areas or exterior of the South Shore Branch Library and the New Library, the County shall pay for its proportionate share of common area expenses for maintenance and repairs related to the South Shore Branch Library or New Library (as such may be further delineated in an amendment to this Agreement prior to the County's relocation to the New Library).

7. **Indemnification:** The County does hereby agree to indemnify and hold harmless the City to the extent and within the limitations of Section 768.28 Fla. Stat.,

subject to the provisions of that Statute whereby the County shall not be held liable to pay a personal injury or property damage claim or judgment by any one person which exceeds the sum of \$200,000, or any claim or judgments of portions thereof, which, when totaled with all other occurrences, exceeds the sum of \$300,000, from any and all personal injury or property damage claims, liabilities, losses and causes of action which may arise solely as a result of the negligence of the County.

The City does hereby agree to indemnify and hold harmless the County to the extent and within the limitations of Section 768.28 Fla. Stat., subject to the provisions of that Statute whereby the City shall not be held liable to pay a personal injury or property damage claim or judgment by any one person which exceeds the sum of \$200,000, or any claim or judgments of portions thereof, which, when totaled with all other occurrences, exceeds the sum of \$300,000, from any and all personal injury or property damage claims, liabilities, losses and causes of action which may arise solely as a result of the negligence of the City.

This Paragraph 7 shall survive termination of this Agreement.

8. **Alterations:** The County shall make no addition, partition, alteration or adjustment to the Leased Premises or any part thereof in excess of \$20,000, without first having obtained the written consent of the City Manager or City Manager's designee. All requests by the County shall be in writing and shall include plans and specifications pertaining thereto. The City Manager or City Manager's designee shall authorize any changes or alterations to the Leased Premises in writing, with such authorization to not be unreasonably delayed, withheld, or denied. All work shall be done in a good and workmanlike manner, and the County shall obtain the proper permits from the City or permitting authority of jurisdiction.

9. **Utilities:** The County shall pay for all utilities for the operation of the Leased Premises, including but not limited to water, fuel, gas, electricity, internet, telephone and sewerage charges, stormwater, unless such utilities are otherwise included as part of common area maintenance charges paid by the County to the City at any of the Leased Premises.

10. **City Ordinance:** The County shall observe all sanitary, health and public safety laws and ordinances of the City in connection with its use of the Leased Premises and provision of library services within the City.

11. **Eminent Domain:** In the event any one or more of the Leased Premises is taken by eminent domain, the City shall have the option of applying the funds received as a result of such proceedings to the acquisition or construction of a comparable library facility on a site which shall be approved by the County Director of Libraries. Such comparable library facility shall thereupon be deemed a part of the Leased Premises as if specifically listed herein. If the City does not exercise this option within one (1) year from the date said funds become available, or the proceedings received by the City for such eminent domain proceedings are insufficient to pay for the cost of a comparable library facility, then and in that event, this Agreement shall be subject to cancellation, at the option

of the County, and such cancellation shall be deemed a County cancellation for the purposes of paragraph 16.

12. Cost of Operations: The County shall assume the entire cost of the operation of the Leased Premises as identified in paragraph 1 of this Agreement, and that there shall be no taxes assessed against the City on said premises, and the County shall assume any such taxes or assessments in the event any are assessed or levied. Specifically, as it relates to the South Shore Branch Library at 131 Alton Road, the County is responsible for payment of all fees charged by the Courts of South Beach Condominium Association (Association), including condominium maintenance fees, periodic assessments, and any other fees charged by the Association.

13. Substituted Services: The County shall have the option to discontinue the use of one or more of the premises or services described elsewhere in this Agreement; however, the discontinuance of use of the buildings or premises for library purposes shall not relieve the County of the obligation to continue the level of library services within the City as provided in paragraph 4 herein. In the event the County exercises this option, the property or properties involved, as described in paragraph 1, shall immediately revert to the City.

14. Assignment: The County shall not assign this Agreement, nor sublet, nor assign any portion of the Leased Premises, nor grant any concession whatsoever during the term of this Agreement without first having obtained the authorization of the City Manager of the City, in writing. The County and the City recognize the existing concession/café area and adjoining courtyard at the Miami Beach Regional Library is a potential amenity for library patrons, residents, and visitors, and the County shall have the right to secure an appropriate Tenant/Operator for this space, which Tenant/Operator shall be subject to the reasonable approval of the City Manager. The County shall assume full responsibility for Tenant/Operator's use of the concession area/courtyard and shall be responsible for all taxes and/or impositions resulting from such use, if any.

15. NOT USED.

16. Cancellation:

(a) In the event of cancellation by the County, the City shall retain the Leased Premises and all fixed improvements and additions thereto; the County shall retain and remove all furniture, equipment and materials that it owns, including, but not limited to books and related items from the library's collection provided by the County during the period of this Agreement.

(b) In the event of cancellation by the City, the City shall reimburse the County for the value of all fixed or permanent improvements made by the County to the Leased Premises. Such property which the County may acquire from the City at no cost or nominal cost, the County shall convey to the City at the same nominal cost. The value of the fixed improvements made by the County to the Leased Premises (the Library Improvements) to be reimbursed by the City to the County, shall be determined by

agreement of the parties hereto, based on a straight line amortization over the useful life of the fixed/permanent improvements. By way of example, if the County's cost of the Library Improvements was \$30,000, and the useful life is ten (10) years, if the City cancels this Agreement at the end of the third year following County's installation of the Library Improvements, then the City shall reimburse the County the amount of \$21,000 (\$30,000 divided by 10 years equals \$3,000 per year; \$3,000 times seven (7) years remaining useful life equals \$21,000). If such agreement cannot be reached, then such value shall be determined by appraisal. The value of such Library Improvements shall be determined, based upon the method above, as follows:

(i) Each party shall appoint one (1) qualified MAI building appraiser, and the value to be paid by the City to the County shall be the average of the two appraisals on the Library improvements and the average of the two MAI building appraisals, provided the difference of the appraisals shall be within ten percent (10%) of the highest appraisal.

(ii) If the appraisals are not within ten percent (10%) of the highest appraisal, then said appraisers as appointed by the two governing bodies shall jointly meet and shall each appoint a third appraiser and the average of the two (2) closest appraisals shall be final and binding upon the parties hereto.

Upon the expiration of the one hundred eighty (180) days' notice of cancellation of this Agreement, as further described in paragraph 2, and upon ascertainment of the value of the improvements to the property to be reimbursed to the County by the City, the City shall pay to the County the total amount due to Miami-Dade County.

17. Miami-Dade Public Library Advisory Board: It is understood and agreed that the City Manager's rights, pursuant to County Ordinance 86-65, to recommend two membership positions to the Miami-Dade Public Library Advisory Board continues in effect.

18. Terms Related to the New Library and Existing North Shore Branch Library Relocation:

(a) City's 72nd Street Community Complex Project. The City shall be solely responsible for the development, design and construction of the 72nd Street Community Complex Project (the "Project"), at its sole cost and expense. The Project site is located at 299 72nd Street and is currently used as a municipal surface parking lot. The City anticipates that the Project will include various programmatic elements, such as a 500 space parking structure, a 50-meter competition pool with support amenities, a 25-meter multi-purpose pool, a 5,000 SF commercial/retail area, a 7,500 SF fitness center, a 5,000 SF community center, a hardened fire and police operations room, 60,000 SF of active green space, a jogging path, and subject to the terms herein, a New Library (as described below). The final programmatic elements for the Project are subject to funding availability, design discussions with the to-be-selected Design/Builder, and approval by the City Mayor and City Commission.

(b) Program Scope and Library Specifications. The County agrees to the Program Scope for the New Library, a copy of which is attached hereto as **Exhibit "A."** to serve as preliminary design guidance for the Design/Builder. The Program Scope includes:

(i) The New Library shall have 7500 gross square feet (SF), with a program based on the following minimum areas:

1. Entrance Lobby/Guest Services, 575 SF;
2. Multipurpose community meeting room/study room, 950 SF;
3. Young adults and children room, 1445 SF;
4. Main reading room/library collections, 1945 SF;
5. Digital Media/technology and innovation lab, 1445 SF;
6. Staff office, lounge area, separate mechanical, data room, janitorial, 1140 SF; and
7. Restrooms as required by code.

(ii) In addition to the foregoing, as part of the Project, the New Library shall have the opportunity to use a community meeting room of approximately 2,500 square feet, to be located at the roof/aquatic level of the Project, subject to scheduling availability in coordination with City's Parks and Recreation Department. The schedule for the use of the community meeting room may be updated on a regular basis on mutual agreement of the City Parks Director and the appropriate County library representative, as needed. The City and the County shall aspire to coordinate and collaborate in developing programming and events for the benefit of residents and users of the Project.

(iii) The City shall incorporate the County library specifications attached hereto as Exhibit "B" (the "Library Specifications") as part of the City's design and construction documents for the Project.

(iv) County and City hereby acknowledge and agree that the preliminary Program Scope and Library Specifications shall form the basis for the City's procurement and construction of the New Library. The County, shall be provided with copies of the architectural and engineering plans at each stage of design and included at each stage of the design process for the New Library to provide input, feedback, and comments to the design/build team to ensure the design is developed in accordance with the Program Scope and Library Specifications, with such input, feedback, and comments to not be unreasonably withheld or denied. Once the final plans and specifications (the "Final Design") for the Project are complete, the City shall provide the County with the opportunity to review the Final Design, for the limited purpose of verifying that the Final Design reasonably incorporates the County's input provided during the design process, to ensure the final design has been completed in accordance with the Program Scope and Library Specifications; the County's confirmation of the foregoing shall not be unreasonably withheld. In the event the City does not receive any objection to the Final Design within fourteen (14) business days following receipt by County, the Final Design shall be deemed approved, and the City shall proceed to obtain final bidding for the Project based on such Final Design.

(v) The City shall construct the New Library in accordance with the Final Design, as provided herein. Once the Final Design is approved, should County desire modifications to the Program Scope or Library Specifications, the City shall obtain the contractor's change order proposal for all labor, materials and other costs related to such scope changes, provided that the County shall be solely responsible for the incremental costs thereof. If the City requires modifications to the Project that reduce or impact the Program Scope or Library Specifications, then in such event, any such modification shall require County's approval, provided that such approval shall not be unreasonably withheld.

(c) County's Responsibility for Library Contents.

(i) For the avoidance of doubt, as part of its construction of the Project, the City shall provide for, at its sole cost and expense, all permanent fixtures, carpeting/flooring, and wiring and connectivity infrastructure set forth in the Library Specifications. However, that the City shall not be responsible for, and shall have no obligation with respect to, any items not permanently affixed to the Project, including, without limitation, the purchase, or replacement of, any existing equipment, servers, computers, telephones, furniture, counters, shelving, library collection materials and other holdings, contents or personality (collectively, the "Library Contents").

(ii) The County, at its sole and absolute discretion, shall determine whether and to what extent it elects to transfer its Library Contents from the Existing North Shore Branch Library to the New Library as part of the Project, or whether it elects, at its sole cost and expense, to upgrade its Library Contents as part of the relocation to the New Library, with such Library Contents becoming the sole ownership of the County.

(d) Project Timeline. The City estimates that the Project will be completed in 2023. The City will provide a schedule to the County with the estimated milestone dates for the Project's development and for approvals that may be necessary by the County and the City for the New Library. The City shall notify the County once construction of the Project has commenced, and will include the County in construction meetings, site visits, provide the County with regular updates to the Project schedule, including, but not limited to, an anticipated date for obtaining a temporary certificate of occupancy and/or final certificate of occupancy for the Project.

(e) Relocation Notice/Surrender of Existing North Shore Branch Library Premises. As the Project approaches completion, the City shall provide County with 180 days prior written notice to relocate to the New Library (the "Relocation Notice"). Subject to City's reimbursement of County's costs for the relocation to the New Library as provided herein, at the conclusion of the 180 day notice period provided in the Relocation Notice, the County shall vacate, quit and surrender the Existing North Shore Branch Library premises to the City, broom clean, and in good order and condition (excepting ordinary wear and tear).

(f) City's Reimbursement of Library Relocation Costs.

(i) Within thirty (30) days following the County's receipt of the Relocation Notice, the County shall provide the City with its estimated budget for relocation costs. The form of the budget, with all of the relevant line items, is attached hereto as Exhibit "C," and shall include all of County's estimated costs for load-in, load-out, breakdown, and set up for all Existing North Shore Branch Library equipment and contents, moving and transportation costs, cleaning costs, and costs of removal and disposal of surplus or abandoned Library contents (the "Relocation Budget").

(ii) The final Relocation Budget shall be subject to approval by the County and the City (by and through the City Manager). As required under the Interlocal Agreement, the City shall reimburse and/or pay for all costs in accordance with the final approved Relocation Budget. City's reimbursement shall be made within thirty (30) days following County's submission to the City of all supporting documentation related to the reimbursement, including proof of payment of vendors.

(g) New Library/Amendment to Agreement. Any supplemental terms and conditions with respect to the County's use of the New Library shall be memorialized in an amendment to this Agreement. Such additional terms and conditions may include any operational issues specific to the New Library, such as provisions necessary to memorialize the possible subdivision of the Project as a condominium (if the City determines it is necessary to do so), employee parking spaces to be provided as part of the Project, operating hours for the New Library, use of the community room, the County's pro rata share of common area maintenance expenses, and the like.

(h) Utilities / Close Out. County shall be responsible for timely closing utility accounts for the North Shore Branch Library, and for creating utility accounts for the New Library. The Parties shall cooperate with each other, and shall exercise good-faith diligent efforts, to successfully relocate the County to the New Library and to minimize interference with each Party's ongoing operations.

19. Police Substation at Miami Beach Regional Library: Pursuant to Resolution R-82-06, the County and City agreed that a Police Substation could be incorporated into the Miami Beach Regional Library in a space designated by the Library Director under the following terms and conditions:

(a) County agrees to guarantee the City twenty-four (24) hour access to the Police Substation located in Room Number 202 (Conference Room A).

(b) City agrees to maintain the space designated for the Police Substation in a neat and orderly manner and shall assume all costs of providing furniture, fixtures, and equipment for the Police Substation space.

(c) City agrees to be fully responsible for the installation, maintenance and security of the network infrastructure for the Police Substation.

(d) County agrees to provide all day to day maintenance for the Police Substation during the Police Substation's hours of operation, including, but not limited to, routine cleaning, trash and garbage pick-up, etc., but the County's maintenance responsibilities shall be only to the extent of similar maintenance services provided by the County hereunder with respect to its maintenance and operation of the Regional Library facility.

(e) County shall be responsible for design and installation of signage for the Police Substation, with such signage comporting with the City's signage standards. The City shall provide to the County the proper logo and wording for such signage.

(f) City will provide the County with a key for access to the Police Substation, to be used by the County only in the event of an emergency.

The County and City agree that the City shall occupy the Police Substation within two years from the date of adoption of this Agreement. If the City fails to occupy this space as a Police Substation within said time, the County shall have no further obligation to reserve this space for use as a Police Substation and may proceed to utilize this space for other library purposes. However, if the County has not proceeded to utilize this space for other library purposes, the City may reclaim the space as a Police Substation upon one hundred eighty days' written notice of its intent to utilize the space. In such event, the County shall provide the space to the City no later than one hundred eighty days following receipt of such notice from the City.

20. Book Drops: The County shall provide, and the City shall allow for, the installation of exterior, free-standing book drops at each library location, in a location that is mutually agreeable to the parties, and, accessible for library patrons to return library materials 24 hours per day, 7 days per week.

21. Library Employee Parking: The City provides parking at designated parking facilities for library staff working at the three (3) locations for the Leased Premises, with approximately forty-four (44) library staff receiving a City parking permit (registered electronically through City's Parking Department) at no charge to either the library staff or the County.

(a) The City shall continue the existing arrangement to provide parking for library staff working at the three (3) locations for the Leased Premises, at no charge to the library staff or the County, for a total of up to sixty-five (65) parking passes, in the aggregate, with such parking passes provided via an electronic parking permit, access card, or any such other access control system as the City may implement from time to time. With respect to the library staff at the New Library, the City shall provide parking for library staff within the parking garage where the New Library will be located. With respect to the Miami Beach

Regional Library, the aforementioned passes shall include access to the new Collins Park parking garage located at 23rd Street and Liberty Avenue.

(b) Any parking passes for additional library staff in excess of the sixty-five (65) parking passes provided pursuant to this Section shall be subject to availability and approval by the City Manager, which approval shall not be unreasonably denied or withheld.

22. Signage and Naming: The County shall provide, and the City shall allow, signage that is in accordance with both, County branding standards and code provisions for signage at Library facilities, as well as applicable City code provisions for exterior signage. For the future North Shore Library, the City shall incorporate exterior and interior wayfinding signage to ensure access to the library.

23. Entirety of Agreement: The Parties agree that this Agreement and Exhibits hereto set forth the entire agreement between the Parties, with respect to the use of library facilities. No promises or understandings, other than those stated in this Agreement, exist between the parties. None of the provisions, terms or conditions contained in this Interlocal Agreement may be added to, modified, superseded or otherwise altered, except by the County Mayor and City Manager, or where appropriate, the Board of County Commissioners and the City Commission.

24. Governing Law: This Contract is governed by and will be construed in accordance with the laws of the State of Florida, and in the event of any litigation concerning the terms of this Contract, proper venue thereof will be in Miami-Dade County.

[Signature pages to follow]

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on their behalf as of the date first above written.

ATTEST: Harvey Ruvin
Clerk of the Board

MIAMI-DADE COUNTY
a political subdivision of the State of Florida

By its Board of County Commissioners:

BY: _____
Deputy Clerk

BY: _____
Mayor
Miami-Dade County

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

By: _____
County Attorney

ATTEST:

CITY OF MIAMI BEACH, FLORIDA

BY: _____
City Clerk

BY: _____
Dan Gelber
Mayor

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

By: Rand C. [Signature] 9/3/20
City Attorney RAP

Future North Shore Library

General Program Plan and Information Technology Guidance

Ray Baker, Director
Miami-Dade Public Library System (MDPLS)

Leo Gomez, MDPLS Assistant Director
Facilities Management & Capital Development

Alice Arguelles, MDPLS Construction Manager
Facilities Management & Capital Development

Julio Campa, Library Systems Support Manager
Information Technology Department

Miami-Dade Public Library System

November 11, 2019

Introduction

The Miami-Dade Public Library System (MDPLS) provides this general guidance document for Proposer's to consider and include as part of their project approach in the design and construction of the library space being contemplated as part of this Request for Proposals document.

MDPLS seeks to ensure that Proposer's closely review this document, and, work closely with MDPLS throughout the design and construction process to ensure that the resulting product is a library that establishes new benchmarks in 21st century innovative library design, architecture, and use of space and technology. Our design vision seeks to abandon preconceived notions of a traditional library, instead focusing on today's library user and the library user of the future, including flexible use of spaces, a focus on comfort and privacy, and availability of interactive and immersive technology, all while allowing the library to continue to serve its role as a community space that is flexible and can accommodate a wide range of different types of programs and events, activities, and public meetings for people and organizations across a broad demographic of ages, backgrounds, and interests. MDPLS's mission of promoting literacy and learning requires that library locations are a community destination that instill civic pride and that showcase MDPLS's role as a leader in both library design and civic innovation.

In the design and planning of a new library location, it is important to consider the demographics and needs of the immediate surrounding community, but, also, to recognize that Miami-Dade Public Library locations are part of a large network of libraries throughout Miami-Dade County, all of which demand a level of consistency in service levels to ensure access for residents from throughout the County.

Guiding Principles

Inspired planning, design and programming would include:

- A library space that is highly visible to the public and accessible within and outside the proposed development
- Welcoming spaces
- Flexible layout that allows for a wide range of uses
- Access to cutting-edge programming, services and technology
- Inviting, natural light-filled open spaces that are functional and safe
- High performance, multi-functional, and energy efficient design
- Gathering spaces that are comfortable, aesthetically pleasing, and that attract community members of all ages
- Intuitive and inviting circulation centers and wayfinding paths

- Connections to outdoor or adjacent spaces such as ~~as patio's, beverage and/or food amenities,~~ and/or garden seating spaces that enhance foot traffic to the library
- Common areas with sufficient free access to parking for library staff whose primary job functions reside in the new library

Overview: Facility Planning Program

A branch of the Miami Dade Public Library System is expected to embrace outstanding architecture/design and to be a desired destination where residents can find a sense of belonging and community. While the design process will ultimately drive the most logical and preferred layout for any library branch, the following types of space uses will be needed within the proposed space:

- Collection space (for display and browsing of library materials)
- Digital Technology/Innovation Lab (multi-media center, hands-on technology training)
- Public co-working space
- Young Adults & Children's browsing and activities area
- Public computer workstations
- Lounge, study, and reading areas
- Customer service point(s)
- Staff work areas as well as public and staff bathrooms
- Meeting space (multi-purpose room and/or meeting/study rooms)
- Special use spaces/adjacencies (Café, Outdoor Reading Area, and Courtyard)
- Non-assignable space (including mechanical space, data closet, etc.)

The design should focus on creating a destination that encourages creativity, literacy, digital learning and technology, and recreation.

- In a multi-use facility such as is being proposed, a public library will be a significant source of foot traffic and its success as a library location will rely heavily on being located on the ground floor level in a highly visible and high traffic area that facilitates easy access for the public.
- The architecture should be inviting and informal, being able to connect with the general public in whole. The library space should be fluid and dynamic spatially, and respond to the natural setting of its environment.
- The library should either include its own large meeting room and/or have access to a shared public multi-purpose room that allows for the many library programs, events, and activities that are enjoyed by the public to occur as and when needed.
- The Young Adult's and Children's areas should occupy prominent locations in the space that allows for easy access as well as some degree of separation from adult areas for safety and for some level of semi-privacy for young adult's and children's activities.

- The floor plan should be fluid, with abundant natural light serving reading rooms and any adjacent areas or connections to the exterior project. Visitors should have easy visual connection to major spaces (Meeting Room/Children's Lounge/Main Reading Room/Innovation Center) from the entrance and to the main service point(s). The service point(s) should be carefully located as part of facility wayfinding and ingress/egress considerations to ensure library staff is able to serve the public effectively and to perform daily tasks.
- The Multi-Purpose Community Meeting Room, if space allows, should be strategically placed to activate the use of both interior and exterior spaces, recognizing the synergies created between these spaces, use of the library, and the desire for any exterior areas to serve as a central gathering spot for library users and non-users during and after hours of operation.

The following activity needs, room spaces and programmatic functions are suggested as a point of discussion for an 7,500 square foot library and should be used as a guide in the planning, design and layout of the facility.

Entrance Lobby / Guest Services	(575sf)
Multipurpose Community Meeting Room/Study Area	(950sf)
Young Adult's & Children's Room	(1,445sf)
Main Reading Room/Library Collections	(1,945sf)
Digital Media/Technology & Innovation Lab	(1,445sf)
Staff Office/Lounge Area/Mechanical/Data/Janitorial	(1,140sf)
Total	7,500 sf

More Detailed Description of Spaces

The following is a more detailed description of desired programmatic spaces and suggested sizes based on the square footage available. It is recommended that these spaces, sizes and potential locations should be used as a guide in planning discussions

Entrance Lobby / Guest Services (575sf)

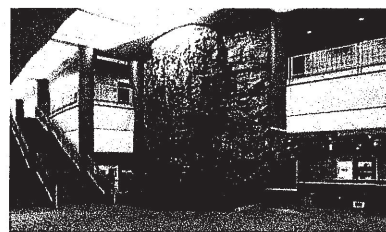
Ideally, the Customer Service Desk should be upfront and visible from the main entrance. It serves as the primary service point for the branch. Additionally, in a limited sized floor plan such as is being proposed, back of house space, such as staff areas, staff lounge,

mechanical/data rooms, etc., may also be designed near the main service point.

575sf

Customer Service Point

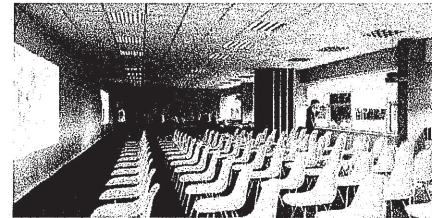
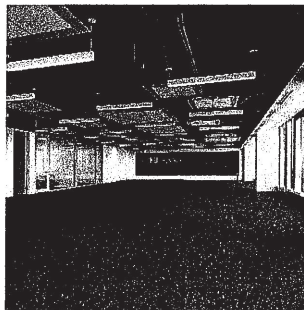
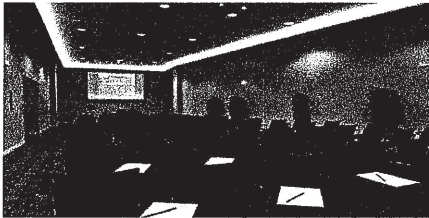
- telephone switchboard
- internet access, cable, CCTV, and Wi-Fi
- counter space and storage
- wall mounted monitors/screens for digital wayfinding signage and facility information
- concession/vending area near entrance to library



Multipurpose Community Meeting Room/Study Area (950sf)

950sf

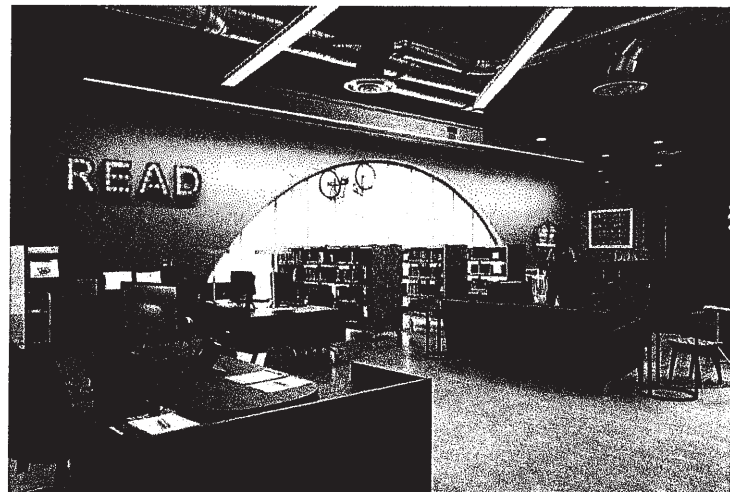
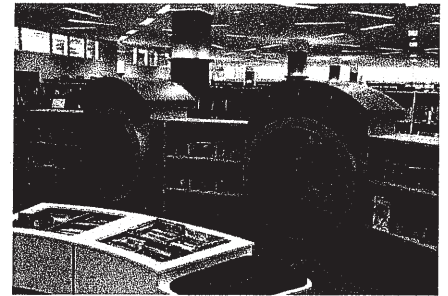
- located proximate to facility restrooms
- robust audio/visual and data/electrical capacity
- Wi-Fi access, CCTV, and phone access
- drop down projection screens
- ceiling mounted projectors
- floor power outlets
- Multifunctional
- Includes storage for stackable chairs and folding tables
- Movable podium
- Dimmable lighting



Children's Room**1,445sf****1,445sf**

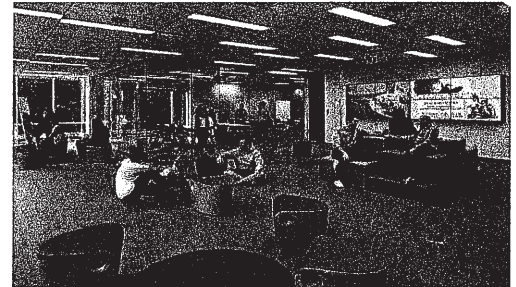
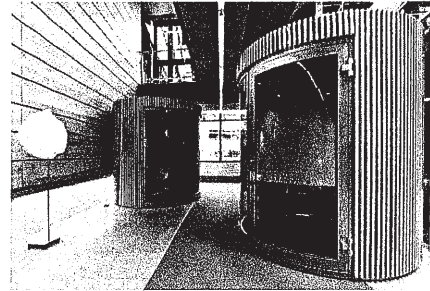
Young Adult's and Children's Room (separated by furniture, shelving, or other finishes)

- should be a fun, interactive area
- children's themed seating and furniture, such as booths, tables, and other collaborative furniture (see Barnes and Noble children's areas)
- tables and furniture that provide comfortable seating for work areas and group activities such as tutoring, gaming, and other collaboration
- wall-mounted and floor-movable shelving



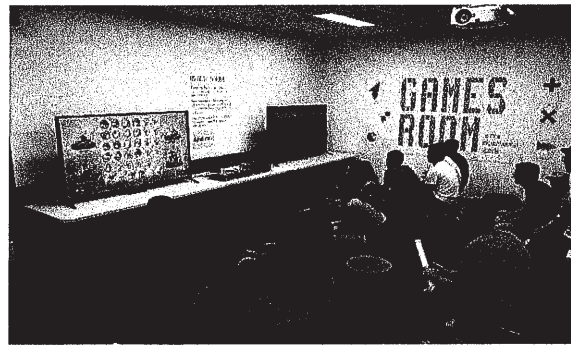
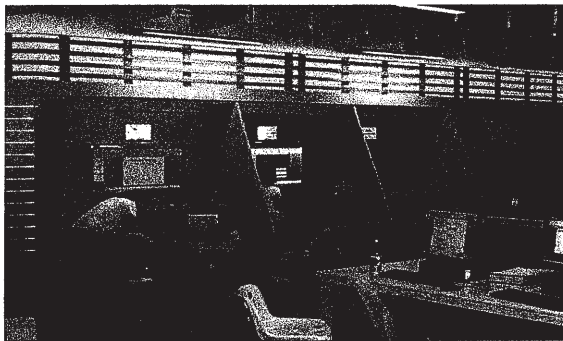
Main ReadingRoom/Library Collections**1,945sf****1,945sf**

- Tables and chairs, including lounge furniture for study/reading
- Electrical and Data powered furniture and connections
- CCTV and Wi-Fi throughout the building
- Public printing, scanning, and copying kiosk
- potentially include study rooms (pods) or semi-private work stations for students or others that need a quiet space
- Wall-mounted and floor-movable shelving



Digital Media/Technology & Innovation Lab**1,445 sf****1,445sf****Digital Media/Technology & Innovation Lab**

- Hands-on digital learning area for various ages
- Public computer workstations
- 3-D printing and other fabrication technologies
- Immersive and interactive technology such as virtual and spatial reality
- A/V, mixing equipment, and soundbooth for audio and video recording
- computer gaming area
- digital screens/smart boards
- floor and electrical data
- dimmable lighting in quadrant layout
- locking storage for technology equipment/devices and various supplies
- comfortable seating and collaborative furnishings for interactive projects
- Collaborative and crafts/activities areas



Staff Office Area, Staff Lounge, Mechanical, Data, and Janitorial 1,140sf

No specific breakout of estimated space needs, but the areas needed include:

- Men's and Women's and/or Family Public Restroom (ADA compliant)
- Data/Electrical Closet
- Staff work room with a to be determined number of individual workstations and appurtenant data/electrical connections
- Loading, delivery, and receiving area/material processing
- Small office for branch manger
- Janitorial closet
- Mechanical room
- Sufficient storage for books, materials, and supplies
- Staff lounge area that includes cabinets, refrigerator, table/chairs, sink, microwave

Information Technology – General Needs, Considerations, and Specifications

See Attachment for general guidelines provided by our Information Technology Department. This document will be streamlined in the design process as IT and electrical needs and floorplans become available.

The Design/Builder shall work in agreement and coordinate all the telecommunications items of work with MDPLS Project Manager and Library's IT staff to facilitate the installation and wiring of all the equipment associated with the voice and data systems.

Information Technology Department (ITD) will monitor all aspects of the contract, from initiation of a task to final solution delivery, while maintaining open communication channels between staff, management, and project personnel. ITD will work with project leads to ensure that the project is completed on-time with appropriate personnel. Using a work breakdown structure method to prepare and monitor task deliverables. The Design/Builder will execute based on a current, detailed overview of the work requirements of the project's task areas at all times.

Bid and Build Technical Specification for:

Structured Cabling

Standards

PUBLICATION RECORD

Document Version	Publication Date	Primary Author	Description
Revision 1.0	November 2018		Cabling Standard Cat 6+ Premium

TABLE OF CONTENTS

PART 1 - GENERAL SPECIFICATIONS	4
1.1 SCOPE	4
1.2 REGULATORY REFERENCES:	5
1.3 APPROVED VENDORS	6
1.4 APPROVED PRODUCTS	6
1.5 WORK INCLUDED	7
1.6 SUBMITTALS	7
1.7 QUALITY ASSURANCE	8
1.8 DRAWINGS	9
PART 2 - PRODUCTS	10
2.1 EQUIVALENT PRODUCTS	10
2.2 WORK AREA OUTLETS	11
2.3 PATCH PANELS	12
2.4 RACKS, CABINETS, AND CABLE MANAGEMENT	14
2.5 CABLE SUPPORT	16
2.6 HORIZONTAL DISTRIBUTION CABLE	18
2.7 BACKBONE CABLE	19
2.8 FIBER OPTIC CONNECTOR OPTIONS	20
2.9 FIBER OPTIC CONNECTING HARDWARE	21
2.10 COPPER CABLE PROTECTION UNITS	22
2.11 PATCH CORDS	22
2.12 GROUNDING AND BONDING	24
2.13 FIRESTOP	26
PART 3 - EXECUTION	27
3.1 FIBER BACKBONE—STRANDS OF FIBER WILL VARY DEPENDING ON PROJECT	27
3.2 COPPER BACKBONE	27
3.3 WORK AREA OUTLETS	27
3.4 HORIZONTAL DISTRIBUTION CABLE INSTALLATION	28
3.5 HORIZONTAL CROSS CONNECT INSTALLATION	29
3.6 OPTICAL FIBER TERMINATION HARDWARE	30
3.7 BACKBONE CABLE INSTALLATION	31
3.8 COPPER TERMINATION HARDWARE	31
3.9 RACKS	32
3.10 FIRESTOP SYSTEM	32
3.11 GROUNDING SYSTEM	32
3.12 IDENTIFICATION AND LABELING	32
3.13 TESTING AND ACCEPTANCE	33
3.14 APPROVED FIBER OPTIC TESTING EQUIPMENT	35
3.15 APPROVED TESTING EQUIPMENT	35
3.16 SYSTEM DOCUMENTATION	35
3.17 PROGRESS DOCUMENTATION	36
3.18 TEST RESULTS	36
3.19 AS-BUILT DRAWINGS	37
4 WARRANTY AND SERVICES	38
4.1 WARRANTY	38
4.2 CONTINUING MAINTENANCE	39
4.3 CLOSE OUT PACKAGE FORMAT	39
4.4 PAYMENT	39
4.5 APPROVAL REQUESTS	39
4.6 FINAL ACCEPTANCE & SYSTEM CERTIFICATION	39
APPENDIX A - CIP-ESP PROTOCOLS	40
APPENDIX B - DISTANCE LIMITATIONS	39
APPENDIX C - PART NUMBERS	40

PART 1 - GENERAL SPECIFICATIONS

1.1 SCOPE

- A. This document describes the products and execution requirements relating to furnishing and installing Telecommunications Cabling at new or remodeled buildings for the end user. Backbone and horizontal cabling comprised of copper and fiber cabling, and support systems (new building projects & floor/building retrofit) are covered under this document.
- B. The types of installation work covered under this document are defined as New Builds, Projects, and Moves Adds and Changes (MAC). New build is defined as a project where the building is a new build from the ground up. A Project is defined as anything that is greater than 10 drops and is inside of an existing facility. MACs are defined as projects where there are 10 or less drops to be installed, removed, or changed. MACs should be kept to the standard of the current cable plant that is installed at that site.
- C. The Horizontal (workstation) Cabling System may have multiple types of outlets in each end user office including, but not limited to wall-mounted voice/data, floor-mounted voice/data, furniture-mounted voice/data, and ceiling mounted data. Product specifications for each type of work area outlet are noted in the Products Section. Only one cable will be ran for each outlet.
- D. The horizontal cables shall be 4-pair plenum or riser rated UTP Category 6 for all data terminations. The cables shall be installed from the Work Area Outlet to the appropriate Telecommunications Room (TR) and routed to the appropriate, 48-port patch panels, serving that area and terminated as specified in this document. The standards recommend (2) Category 6A for each WAP unless otherwise noted.
- E. The Data Backbone shall consist of minimum 12-strand interlocking armored, plenum rated tight buffered, multi-mode 50/125 um. The data backbone shall be designed with an OM4 minimum standard capable of accommodating 10G uplinks to IDF's. Fiber strand count should be the greater quantity of either 12 strands or 200% of initial minimum required strand count. Fiber optic strands shall be terminated with LC connectors at each end, within a rigid fiber enclosure. Wherever possible, the box should be mounted at the top of the data rack.
- F. The Audio-visual Cabling will be provided by the A/V design and install vendor. Coordination with the Audio-visual contractor will be necessary for determination of pathways and spaces.
- G. All cables and related terminations, support and grounding hardware shall be furnished, installed, wired, tested, labeled, and documented by the Telecommunications contractor as detailed in this document and shall meet or exceed local codes.

- H. The Cable Pathway Systems consist of ladder racks, trade size 4" sleeves, cable hangers and wire basket tray that conceal, protect, support, and provide access to telecommunication cables between MDF/IDF and the user's work space.
- I. Product specifications, general design considerations, and installation guidelines are provided in this document. Quantities of telecommunications outlets, typical installation details, cable routing and outlet types will be provided as an attachment to this document. **If the bid documents are in conflict, this document takes precedence but discrepancies must be reviewed with the end user or their owner representative.** The successful vendor shall meet or exceed all requirements for the cable system described in this document.

1.2 REGULATORY REFERENCES:

- A. All work and materials shall conform in every detail to the rules and requirements of the National Fire Protection Association, the local Electrical Code, ANSI/TIA or ISO standards and present manufacturing standards.
- B. All materials shall be UL Listed and shall be marked as such. If UL has no published standards for a particular item, then other national independent testing standards shall apply and such items shall bear those labels. Where UL has an applicable system listing and label, the entire system shall be so labeled.
- C. All category 6 and 6A components (i.e. modular jacks, patch cords and patch panels) performance shall be verified (not just tested) by a third party (ETL) to be component and channel compliant.
- D. The cabling system described in this is derived from the recommendations made in recognized telecommunications industry standards as listed in the Division 27 Master Specification.
- E. If this document and any of the documents listed are in conflict, then the more stringent requirement shall apply. All documents referenced are believed to be the most current releases. The Contractor has the responsibility to determine and adhere to the most recent release when developing the proposal for installation.
- F. This document does not replace any code, either partially or wholly. The contractor must be aware of local codes that may impact this project.

1.3 APPROVED VENDORS

- A. The Telecommunications Contractor must be an approved Ortronics, a Legrand brand, Certified Contractor at the Certified Installer Plus – Enterprise Solutions Partner (CIP-ESP) tier. Where CIP-ESP contractors are not available, the approved Telecommunication Contractor may be CIP with written approval from Legrand and the end user. The approved Telecommunication Contractor will adhere to all CIP-ESP protocols. A copy of the CIP-ESP protocols is attached in appendix A for reference. A current copy of the telecommunications contractor's certificate and a letter from Legrand stating that the Contractor Company's certification at the CIP-ESP tier is current and in good standing must be submitted with the quote in order for such quote to be valid. For the Telecommunications Contractor to be current with Legrand, the training must be current at the time of quoting the project. The Telecommunications contractor is responsible for workmanship and installation practices in accordance with the Legrand Contractor Certification Program. The Telecommunications contractor must also register the project and submit test data for approval, per the requirements of the nCompass™, Legrand and Superior Essex certification program guidelines. Once approved, Legrand will extend an nCompass Limited Lifetime Warranty to the end user.

1.4 APPROVED PRODUCTS

- A. Approved 4-pair UTP Cable manufacturer : Superior Essex
- B. Approved Optical Fiber Cable manufacturers: Superior Essex
- C. Approved UTP connector product manufacturer: Legrand
- D. Approved Fiber Optic cabinet product manufacturer: Legrand
- E. Approved Fiber Optic connectors/splices/couplers manufacturer: Legrand
- F. Approved Rack and Cabinet manufacturer: Legrand
- G. Approved Cable Management and Ladder Rack manufacturer: Legrand
- H. Approved Copper Patch Panel manufacturer: Legrand
- I. Approved UTP Patch Cord manufacturer: Legrand
- J. Approved Fiber Optic Patch Cord manufacturer: Legrand
- K. Approved Cable Tray or Basket Tray or Wire-mesh manufacturer: Cablofil, a Legrand brand

- L. All products must be able to provide documentation for sustainability. LEED or WELL accreditation may be necessary. Documentation to include PEP (Product Environmental Profile), EPD (Environmental Product Declaration) or HPD (Health Product Declaration) will be necessary.
- M. Legrand is the manufacturer of Ortronics racks, cabinets, copper and fiber connectivity, Wiremold pathways, poke-thru and floor boxes, Cablofil cable tray and J Hooks as well as ServerTech and Raritan PDUs.

1.5 WORK INCLUDED

- A. The work included under this specification consists of furnishing all labor, equipment, materials, and supplies and performing all operations necessary to complete the installation of this structured cabling system in compliance with the specifications and drawings. The Telecommunications contractor will provide and install all of the required material to form a complete system whether specifically addressed in the technical specifications or not. All materials shall be new. Used or refurbished equipment is not permitted. Provide equipment in the original packaging wherever practical.
- B. The work shall include, but not be limited to the following:
 - 1. Furnish and install a complete telecommunications wiring infrastructure.
 - 2. Furnish, install, and terminate all UTP and Optical Fiber cable
 - 3. Furnish and install all wall plates, jacks and patch panels.
 - 4. Furnish and install all required cabinets and/or racks as required and as indicated.
 - 5. Furnish any other material required to form a complete system.
 - 6. Perform permanent link or channel testing (100% of horizontal and/or backbone links/channels) and certification of all components. If testing in a channel configuration, patch cord used for testing must be left in place after testing to maintain original channel that was tested.
 - 7. Furnish test results of all cabling to the owner on disk, listed by each closet, then by workstation ID.
 - 8. Adhere and comply with all requirements of Legrand Certification program.
 - 9. Provide owner all documentation including testing for 100 % of the links/channels in approved tester's original electronic format and As-built drawings.
 - 10. A warranty certificate shall be provided to owner for project. Project will not be considered completed until certificate is received and may delay final payment until certificate is received.

1.6 SUBMITTALS

- A. Under the provisions of this request for proposal, prior to the start of work the telecommunications contractor shall:
 - 1. Submit copies of the certification of the company and names of staff that will be performing the installation and termination of the installation to provide proof of compliance of this spec.
 - 2. Submit proof from manufacturer of contractor's good standing in manufacturer's program.

3. Submit appropriate cut sheets and samples for all products, hardware and cabling.
- B. Work shall not proceed without the owner or owner's representative approval of the submitted items.

1.7 QUALITY ASSURANCE

- A. The Legrand CIP-ESP or CIP telecommunications contractor shall be a company specializing in communication cabling installation. At least 30 percent of the Certified Contractor's technicians on their installation and termination crew must be certified by Legrand, or BICSI with a Technicians or ITS Installer 2 level of training.
- B. Delivery and receipt of products shall be at the site described in the Scope Section of the specific project documents.
- C. Cable shall be stored according to manufacturer's recommendations as a minimum. In addition, cable must be stored in a location protected from vandalism and weather. If cable is stored outside, it must be covered with opaque plastic or canvas with provision for ventilation to prevent condensation and for protection from weather. If necessary, cable shall be stored off site at the contractor's expense.
- D. During the installation, and up to the date of final acceptance, the Telecommunications Contractor shall be under obligation to protect his finished and unfinished work against damage and loss. The Telecommunication Contractor shall also be under obligation to protect the finished work of other contractors while the communication installation is underway.
- E. If the telecommunications contractor wishes to have a trailer on site for storage of materials, arrangements shall be made with the owner.
- F. Cable installation shall comply with but not be limited to the following:
1. NEC® 2107, National Electric Code. Use the most current revision for the location.
 2. ANSI/TIA-568.0-D, Generic Communication Cabling for Customer Premises, September 2015.
 3. ANSI/TIA-568.1-D, Commercial Building Telecommunications Infrastructure Standard, September 2015.
 4. ANSI/TIA-568.2-D, Balanced Twisted Pair Telecommunications Cabling and Components Standard, September 2018.
 5. ANSI/TIA-568.3-D, Optical Fiber Cabling Components Standard, September 2016.
 6. ANSI/TIA-569-D, Telecommunications Pathway and Spaces, November 2015.
 7. ANSI-TIA-606-C, Administration Standard for Telecommunications Infrastructure, June 2017.
 8. ANSI/TIA-607-C, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises, November 2015.
 9. ANSI/TIA-526-7-A, Optical Power Measurements of Installed Single Mode Fiber Cable Plant, July 2015.

10. ANSI/TIA-526-14-C, Optical Power Loss Measurements for Installed Multimode Fiber Cable Plant, April 2015.
11. BICSI-TDMM, Telecommunications Distribution Methods Manual. 13th edition.

1.8 DRAWINGS

- A. It shall be understood that the electrical details and drawings provided with the specification package are diagrammatic. They are included to show the intent of the specifications and to aid the telecommunications contractor in bidding the job. The telecommunications contractor shall make allowance in the bid proposal to cover whatever work is required to comply with the intent of the plans and specifications.
- B. The telecommunications contractor shall verify all dimensions at the site and be responsible for their accuracy.
- C. Prior to submitting the bid, the telecommunications contractor shall call the attention of the Engineer to any materials or apparatus the telecommunications contractor believes to be inadequate and to any necessary items of work omitted.
- D. As Built CAD Drawings shall be submitted at the final completion of the project prior to final payment. The drawings shall show all pathways, outlet locations and outlet labeling. Provide in both hard and soft copy to the owner.

1.9 WARRANTY

- A. All projects will be installed and tested to fulfill the requirements for an nCompass™ Limited Lifetime Product and Application Assurance Warranty. This warranty will be required as described below for the following systems or system components.
 1. Superior Essex Communications LP and Legrand warrant to the owner that the nCompass CAT 6 U/UTP, Copper certified network cabling system installations will meet the defined TIA-568 series industry specifications in effect at the time of product purchase for (40) years from date of product installation. Wireless access points will be tested to Category 6A standards and warranted for a Limited Lifetime (40 years).
 2. The nCompass Limited Lifetime Product and Application Assurance Warranty will be extended to include the entire channel provided that the applicable Legrand patch cords and Legrand equipment cords are utilized, and all products are installed within areas protected from outside elements. Channel warranties will support current or future applications that are approved by industry recognized organizations (IEEE, ANSI/TIA) for transmission over structured cabling systems defined by the TIA-568 standard in effect at the time of the installation. Channel warranties will perform to the specifications listed in the nCompass system data sheets in effect at the start of the installation. Legrand will carry the warranty on the nCompass Limited Lifetime Product and Application Assurance Warranty for (40) years from the installation of the nCompass cabling System.

- B. Telecommunication Contractor must submit the following to Legrand:
1. Warranty Application properly completed online.
 2. Test results submitted only in electronic format for the copper systems. (Note: hard copies will not be accepted.) The test results must be submitted in original native tester format.
 3. All tests must result in a PASS. Pass* (marginal pass) and Fail are not acceptable test results.
 4. Each permanent link or channel in the network must be field tested in accordance with the TIA-568 series industry standard AND nCompass testing requirements in force at the time of purchase (nCompass testing requirements take precedence over TIA when differences exist). The installed permanent links and channels must have passed all applicable TIA and nCompass performance requirements. Minimum testing for copper systems Includes Wire Map, Length, Attenuation, Near End Crosstalk, Far End Crosstalk, Return Loss, PSNEXT, ELFEXT, PSELFEXT.
 5. Minimum testing for Fiber Optic links Includes horizontal and backbone, Bi-Directional Dual Wavelength, Insertion Loss and Length.
- C. The warranty must be submitted on the Legrand ConCert portal for review.
- D. Once the materials are reviewed, the telecommunication contractor will be notified in writing of acceptance or rejection. If the project is accepted, the Contractor will receive a copy of the signed warranty certificate for the owner. At that time, the telecommunications contractor shall forward the signed warranty registration certificate to the end user.

PART 2 - PRODUCTS

2.1 EQUIVALENT PRODUCTS

- A. Due to the nature and type of communications, all products for the purpose of this document, including but not limited to the following, shall have no substitutions allowed.
1. Faceplates, jacks, patch panels, patch / equipment cords and horizontal cable management shall be manufactured by Legrand
 2. Fiber optic connectors and splices shall be manufactured by Legrand
 3. Fiber optic enclosures and adapters shall be manufactured by Legrand or equivalent manufacturer
 4. Racks and vertical cable management shall be manufactured by Legrand or equivalent.
 5. Copper cable products shall be manufactured by Superior Essex

6. Fiber optic cable shall be manufactured by Superior Essex
7. Power Distribution Unit (PDU) shall be manufactured by Server Technology

2.2 WORK AREA OUTLETS

The following types of communication outlets shall conform to meet the type of desired mounting application.

Install all outlets in accordance with the construction drawings and configurations shown below.

The T568B wiring scheme shall be used for voice and data jack termination.

A. Wall-Mounted Work Area Outlets (WAO)

1. The WAO shall consist of one flush mount, single gang TracJack, Fog White faceplate with TracJack modules used for data and voice transmission. For White faceplates, -88 is added to the part number to signify white.
2. Approved surface mount box may be used where appropriate.
3. Unused jack positions in faceplate or surface mount box shall have blank covers inserted, color-matched to faceplate.
4. Acceptable part numbers:

Part Number	Color	Description
OR-40300548	Fog White	Single gang, 2-module TracJack faceplate
OR-40300546	Fog White	Single Gang, 4-module TracJack faceplate
OR-404TJ2	Fog White	Surface housing for TracJack - holds 2 modules
OR-40300633	Fog White	Furniture Plate (4 port)
OR-TJ600	Fog White	TracJack category 6 module
OR-TJ600-36	Blue	TracJack Category 6
OR-42100002	Fog White	Blanks (10/package)

B. Wall mounted voice and data WAO, Category 6

1. The WAO will consist of one flush mount, single gang TracJack faceplate in Fog White with minimum of (2) Category 6 modules – **Blue** or **fog white** module as determined by Miami Dade County ITD.

C. Modular furniture voice and data workstation outlets

1. For areas of Herman Miller Prospects and Vivo furniture, and where indicated in project documentation, flush mount faceplate configurations will be used.
2. Steelcase furniture and all other furniture locations shall use surface mount box.
3. Acceptable jack part numbers listed above are the same as Section B.

2.3 PATCH PANELS

The following types of modular patch panels shall be installed in accordance with the construction drawings and configurations defined and shown below.

A. Patch Panels for data/voice applications shall

1. Be used for termination of data station cables

2. Data patch panels will be located at the within the rack. All data locations shall be sequential with wireless access points also within the patch panel and sequential as well.
3. Patch panel for data terminations will be flat patch panels unless otherwise noted by Miami Dade County ITD. Where flat panels are used, horizontal management must also be utilized within the racks.
4. Rear cable management bars must be installed and cables neatly routed and secured to bars included with patch panels. There shall be one rear cable management bar for every 24 modular patch panel ports.
5. Labeling shall be clearly marked using the labeling scheme determined by the end user.

Part Number	Description
OR-PHD66U24	24 port flat patch panel, 1 RU
OR-PHD66U48	48 port flat patch panel, 2 RU
OR-PHA66U48	48 port angled patch panel, 2 RU

2.4 RACKS, CABINETS, AND CABLE MANAGEMENT

The equipment rack shall provide vertical cable management and support for the patch cords at the front of the rack. Waterfall cable management may be provided at the top of the rack for patch cords and for horizontal cables entering the rack channels, adding protection and to maintain proper bend radius and cable support. Horizontal cable management shall also be mounted where noted on project drawings and/or where specified on racks and above or below equipment on the rack.

Rack shall be black in color. Racks must also be available in white at the owner's discretion.

All rack, cabinet and cable management installations shall strictly adhere to BICSI, ANSI and TIA installation guidelines to insure maximum performance, protection, space usage and power and thermal management efficiencies.

Rack selection is based on size of space and application as defined on plans.

Free Standing Racks, Vertical Managers and Accessories

A. Free-Standing Racks and Vertical Management

Free-standing Racks shall:

1. Provide the necessary strain relief, bend radius and cable routing for proper installation of high performance cross connect products, meeting all specifications of ANSI/TIA-568 current standard.
2. be self-supporting and secured to the floor
3. Have EIA hole pattern on front and rear.
4. Be available in BOTH black and white
5. be correctly bonded and grounded
6. The racks shall be as specified here:

Part Number	Description	Manufacturer
OR-MM20706-B	7'H x 6.5"D, Channel Rack, Black	Legrand
OR-MM200710-B	7'H x 10.5"D, Channel Rack, Black	Legrand
OR-MM20716-B	7'H x 16"D , Channel Rack, Black	Legrand
OR-MM20PDUMB1D1W-B	PDU Button Mount Bracket	Legrand

B. Cable Management – Vertical Between Racks and End of Row

1. A minimum 6.4" wide vertical cable manager with cover shall be utilized and installed between racks and at each end of the row.
2. Black, single-sided vertical cable management with switch-gate door/cover
3. Like manufacturer shall be used for Rack and Cable Management
4. Dual Hinged designed for right or left door opening
5. Must come with Cable Management Spools to manage excess cables in the manager.

6. The acceptable vertical cable management at the recommended 40% fill rate:

Part Number	Description	Manufacturer
OR-MM20VMD706-B	7'h x 6.5"w x 10.25"d front vertical manager with latching door. Fill rate capacity 600 Category 6 cables	Legrand
OR-MM20VMD710-B	7'h x 10.5"w x 15"d front vertical manager with hinged cover. Fill rate capacity 980 Category 6 cables	Legrand
C. C a b OR-MM20VMD712-B	7'h x 12.5w x 15"d front vertical manager with latching door. Fill rate capacity 1120 Category 6 cables	Legrand
OR-MM20VMD716-B	7'h x 16.25"wx 15"d front vertical manager with latching door. Fill rate capacity 1640 Category 6 cables.	Legrand

agement – Horizontal Patch Cord Manager

1. 2 Rack Unit, black horizontal, single sided cable manager with hinged cover.
2. Use with flat copper patch panels, fiber optic enclosures and other areas where horizontal patch cord management is required.
3. The acceptable part number shall be

Part Number	Description	Manufacturer
OR-MM6HM6D2RU	2RU Horizontal Manager, 3.5"H x 19"W, double sided	Legrand
OR-MM6HM62RU	2 RU, Horizontal Manager, 3.5" H x 19" W, single sided	Legrand

2.5 CABLE SUPPORT

Data and voice cable pathways shall run above the ceilings and shall be supported by cable hanger systems, ladder rack or wire mesh tray.

All backbone fiber shall be armored. The end user may determine to have horizontal fiber non armored.

The pathway design should allow for a minimum of two cable runs per individual workspace. Please see drawing for specific requirements and cable routing plan and design accordingly.

A. J Hooks

1. If Miami Dade County ITD determines that J Hooks are necessary, they will be hung using appropriate hardware as per local code.
2. Installation will meet the requirements of Legrand and Superior Essex for Category 6 cable standards. All J Hooks must be free of possible burrs. 2" J Hooks fill capacity of 60 Category 6 cables and 4" fill capacity of 150 Category 6 cables
- 3.

Part Number	Description	Manufacturer
CJ32HP.	2" plastic coated metal J Hook	Cablofil/LeGrand
CJ64HP	4" plastic coated metal J Hook	Cablofil/LeGrand

B. Ladder Rack

1. Ladder-racks are the standard for Miami Dade County ITD. The Ladder Rack is used for supporting cables in the MDF & IDF. Typical applications are 12" wide ladder-rack as needed, black in color.
2. Provide all connection and supports for the ladder-rack as required.
3. The ladder-rack shall be grounded and bonded as required by Article 250 of the NFPA 70 and adhere to local codes.

C. Wire Mesh Tray

1. Where wire mesh tray is used in lieu of ladder rack, the tray shall be 2"x12" wire grid in nature and sized per NEC. Standard color is silver. Tray and splices shall be UL classified and fire resistant per E90 classification.
2. Products shall be Cablofil (a Legrand company). This includes all fittings which must be Cablofil original parts to support the program. No substitutions are allowed.

3. Wire Mesh Cable Loading

Tray Size	2X4	2X6	2X12	4X4	4X6	4X8
Cat 6 (0.23)	96	144	288	190	288	382
Cat 6A (0.25)	80	122	244	162	242	324

Part Number	Description	Manufacturer
OR-TRT10-12B	12" Ladder-rack	Legrand
OR-P128240HB	Wall Angle Assembly	Legrand
OR-P820147H	Corner Clamp Kit	Legrand
OR-P987527H	J-Bolt Kit	Legrand
OR-TRP11-CM	Transition Pan	Legrand
OR-P820127H	Straight Clamp Kit	Legrand
OR-RCBK-6	Threaded Ceiling Kit	Legrand
OR-P982078H	Vertical Wall Bracket	Legrand
OR-P820527HB	Cable Bracket for pathway for power	Legrand
OR-MM20CRB16-B	Runway Bracket	Legrand
OR-GS-8	Grounding Kit	Legrand

D. Cable Tie Wraps

1. Velcro or equivalent hook and loop cable tie wraps shall be used to manage and support cables every 3-5'. It shall be installed snug around data/voice cables without distorting cable jacket.
2. Velcro or equivalent hook and loop cable tie wraps shall be used for proper bundling of all cables in the MDF and IDF's.

2.6 HORIZONTAL DISTRIBUTION CABLE

All horizontal data station cable and voice cable shall terminate on modular patch panels (copper or fiber), or patch/splice cabinets (fiber) in their respective Telecommunications Room or Equipment Room as specified on the drawings and individual project scope.

Data cables shall be 4 pair, 23 AWG, 100-OHM UTP, plenum, category 6. The data module in a workspace outlet shall be served by one 4-pair cable. The outer jacket of the cable shall be in white in color. Part number is listed below.

Traditional voice services may be provided via VOIP (voice over IP) services. As such only a single data/voice cable is required to provide both voice and data services to the desktop. This single data cable shall be 4 pairs 23 AWG, 100-OHM UTP, plenum, category 6 all horizontal cabling. A second cable should be ran to comply with current standards and allow for additional capabilities at the desktop. If a traditional voice service (analog dial tone) is required at the desktop, a separate voice cable will be installed. The voice module in a workspace outlet shall be served by one 4-pair cable. The outer jacket of the cable shall be in Blue in color.

All wireless access points shall have two (2) Category 6 cables to each WAP. The cables shall be 4 pair, 23 AWG, 100 OHM UTP, plenum, Category 6. The plenum cable shall be 0.23" in diameter. The cable must have a guaranteed margin of at least 7dB when installed as a system with Legrand jacks and patch cords. For installation of cables/cords, a two port surface mount box (OR-404HDJ2) can be utilized. Cabling outer jacket shall be blue in color. Part Numbers are listed below.

A. 100 OHM UNSHIELDED TWISTED PAIR CABLE (UTP)

1. Design Make:

a) Superior Essex Category 6 NextGain UTP

Part Number	Color
54-246-2B	Blue BrakeBox (CMP) Plenum
54-246-2A	Blue BrakeBox (CMR) Riser

2.7 BACKBONE CABLE

Multi-Mode or Single mode Fiber Optic Cable will be designed for the backbone. Multi-Mode fiber are 6/12/24-strand laser optimized 50/125 μm plenum rated, armored, tight buffered with Kevlar tensile strength membranes. Single mode fiber will be available in 6/12/24-strand. All fiber shall be UL listed OFNP unless otherwise determined by the owner or owner's representative.

A. Multimode Fiber: Optical Fiber Non-conductive Plenum (OFNP) Tight Buffered With 10 Gigabit Laser Optimized 50/125 Optical Fibers;

There are three distinct types of fiber; selection is based on site application. The color of the outer jacket will vary depending on type selected.

1. Each Multimode Fiber shall be:

- a) Graded-index optical fiber wave-guide with nominal 50/125 μm -core/cladding diameter.
- b) Laser optimized multi-mode fibers shall have a minimum effective modal bandwidth of 2000 MHz•km characterized using FOTP-220
- c) Optical Fiber shall be laser optimized and guaranteed for 10 Gigabit Ethernet distances of 300m/300m for 850nm and 1300nm respectively
- d) Optical Fiber shall be laser optimized and guarantee 1 Gigabit Ethernet distances of 1000m/600m for 850nm and 1300nm respectively

2. Physical Characteristics:

- a) Shall be suitable for use in indoor applications.
- b) Shall be suitable for use in risers, plenums and horizontal applications.
- c) Shall be available with a fiber strand count range from 6 to 144 fibers.
- d) Shall have and be marked with an UL-OFNP and OFN FT6 Flame Rating.
- e) Shall comply with the requirements of ICEA S-83-596.
- f) Strength members shall be dielectric and may be either FGE/aramid/yarn.
- g) Buffered fibers shall be color coded in accordance with ANSI/TIA-598 with an overall aqua jacket.
- h) Shall have a ripcord for overall jacket.
- i) Suitable for operation between -20°C to +75°C
- j) Shall be of an all dielectric design

3. Design Make:

- a) Products being specified are at least OM4 rated and are differentiated by the link length (in meters) supported.
- b) Acceptable part numbers are:

Part Number	Description
L4006P401	SPSX 6-strand multi-mode 50-micron OM4 interlocking-armored CMP fiber
L4012P401	SPSX 12-strand multi-mode 50-micron OM4 interlocking-armored CMP fiber
L4024P401	SPSX 24-strand multimode 50 micron OM4 interlocking armored fiber

- B. Single mode Fiber: If determined by Miami Dade County, single mode fiber will be installed instead of or in addition to the multimode fiber listed above. The standard will be Tight Buffer unless otherwise noted. All fiber strands shall be surrounded by synthetic yarn for added strength and crush resistance. The fiber core shall be 8.3 um typical. Jacket color will be yellow. Fiber color coding shall be in accordance with ANSI/TIA-598-D. Supporting distances must meet minimum of 5000m for 10GBase-LR and 10,000m for 10GBase-ER.

Single Mode Fiber Part Number	Description
44006K101	OFNP 6 strand
44012K101	OFNP 12 strand
44024KK01	OFNP 24 strand
43006K101	OFNR 6 Strand
43012K101	OFNR 12 Strand
43024KK01	OFNR 24 Strand

2.8 FIBER OPTIC CONNECTOR OPTIONS

1. Each LC Fiber Connector shall:
 - a) Be a Legrand pre-polished fiber connector
 - b) Be available in single mode and multimode versions
 - c) Have a domed zirconia ferrule.
 - d) Be a PC polish type connector.
 - e) Accept a nominal fiber diameter of 125 micrometers
 - f) Have a typical insertion loss of 0.1 dB for multimode and 0.1 dB for single mode
 - g) Connectors must be reusable
 - h) Have an insertion loss change of less than 0.2 dB after 500 reconnects.
 - i) Be stable over an operating range of -40°C to +75°C.
2. Design Make:

Part Number	Description
-------------	-------------

OR-205KNT9GA-50T	Multimode LC reusable fiber connector
OR-205KNT9SA-09	Single Mode LC reusable fiber connector

Note: It is the responsibility of the installation vendor to utilize the updated fiber tool kits for precision installation.

3. Fusion Splice on Connectors may be used in lieu of pre polished mechanical connectors. The splice on connectors must have an elongated boot that completely covers and protects the fusion splice area.

4. Design Make:

Part Number	Description
OR-205KNF9GA-50E	Multimode: LC Style Fusion Splice on Connector
OR-205KNF9SA-09	Single mode: LC Style Fusion Splice on Connector

2.9 FIBER OPTIC CONNECTING HARDWARE

1. Fiber optic coupler enclosures used may be 2U or 4U, depending on fiber density. Each Fiber Optic Coupler Enclosure shall:
 - a) Be available in rack mount 1U, 2U and 4U options
 - b) Be a Legrand enclosure or equivalent.
2. Coupler panels shall support 12 fibers in a duplex footprint. Each Fiber Coupler Panel shall be:
 - a) Available with LC or SC options (LC shall be used unless specified by site manager)
 - b) Support both multimode and single mode applications
 - c) Contain application specific alignment sleeves to ensure optimal performance
 - d) Be available with ceramic sleeves to support high-bandwidth systems
 - e) Be Legrand coupler panels or equivalent manufacturer used for fiber optic coupler enclosure.
 - f) Coupler panels (HDFP) are specific to these enclosures.

3. Acceptable part numbers are the following. Refer to drawings and owner for specific enclosure size to use in each location.

Part Number	Description
INFC01U-M4	1 RMU rack mount fiber enclosure
INFC02U-M4	2 RMU rack mount fiber enclosure
INFC04U-M4	4 RMU rack mount fiber enclosure
HDFP-LCD12LC	Multimode 12 fiber LC adapter panel, aqua
HDFP-LCQ24LC	Multimode 24 fiber LC adapter panel, aqua
M4LCD12-50ESA1	Multimode 12 Fiber Splice Cassette, aqua
M4LCD12-50E	Multimode 12 fiber LC Cassette, aqua
M4LCQ24-50EA3A1	Multimode 24 fiber LC Cassette, Aqua

2.10 COPPER CABLE PROTECTION UNITS

- A. All copper circuits shall be provided with protection between each building with an entrance cable protector panel. All building-to-building circuits shall be routed through this protector. The protector shall be connected with a #6 AWG copper bonding conductor between the protector ground lug and the TC ground point.

2.11 PATCH CORDS

- A. If required, the contractor shall provide Legrand factory terminated and tested UTP patch cords and equipment cords for the complete cabling system. The UTP patch cables shall meet the requirements of ANSI/TIA-568-D for patch cord testing. The end user may choose to handle the installation of the patch cords.
- B. Patch cord labeling shall match the end users standards and provided drawings. Coordinate with end user IT to create Cable Termination charts and labeling.
- C. Copper (UTP) patch cords shall:
1. Use 8 position connector with impedance matched contacts and designed using dual reactance.
 2. Standard Patch Cords shall be constructed of 100 ohm, 4 pair, 24 AWG, stranded conductor, unshielded twisted pair copper per the requirements of the ANSI/TIA-568.2-D standard.
 3. Reduced Diameter patch cords shall be 100 ohm, 4 pair, 28 AWG, stranded conductor. The end user will determine the use of reduced diameter cords when

the possibility of PoE+ exists. When using PoE+ the cable bundles should not exceed 48 cables.

4. meet TIA category 6 component specifications in ANSI/TIA-568.2-D
 - 100% factory tested to meet category performance of product and
 - ETL or any other nationally recognized 3rd party verification
5. Be capable of universal T568A or T568B wiring schemes.
6. Modular connector shall maintain the paired construction of the cable to facilitate minimum untwisting of the wires.
7. Have a performance marking indelibly labeled on the jacket (by the manufacturer).
8. Have the ability to accept color-coded labels and icons to comply with ANSI/TIA-606-C labeling specifications.
9. Have "snag less" protection for the locking tab to prevent snagging and to protect locking tab in tight locations and provide bend relief
10. Be available in same colors as installed jack
11. Be available in 3 foot, 5 foot, 7 foot, 9 foot, 10 foot, 15 foot and 25 foot standard lengths
12. Be backwards compatible
13. Be manufactured by Legrand
14. Design Make:

Note: The patch cord color shall match the color of the installed jack unless specified.

Category 6 Standard (24AWG)	Category 6 Reduced Diameter (28AWG)	Description
MC605-06	RDC-605-06	Cat6, stranded UTP, Blue, 5'
MC607-06	RDC607-06	Cat6, stranded UTP, Blue, 7'
MC609-06	RDC609-06	Cat6, stranded UTP, Blue, 9'
MC615-06	RDC615-06	Cat6, stranded UTP, Blue, 15'

D. Optical Multimode Fiber patch cords shall:

1. Be a Legrand Patch Cord with LC connectors
2. Contain two (2) multi-mode optical fibers.
3. Use multi-mode, graded-index fibers with a 50 micron core.
4. Be capable of transmission at both 850 nm and 1300 nm wavelengths.
5. Include listing of actual loss of patch cord when packaged
6. Be manufactured in standard lengths of 3 ft, 6 ft, 9 ft, as well as special ordered in any other lengths.

7. Design Make:

Part Number	Description
QFJ-4242-28CA-xxx	OM4, LOMF, OFNR, Field Reversible Polarity

Note: "xxx" = length in feet. This part number is field reversible.

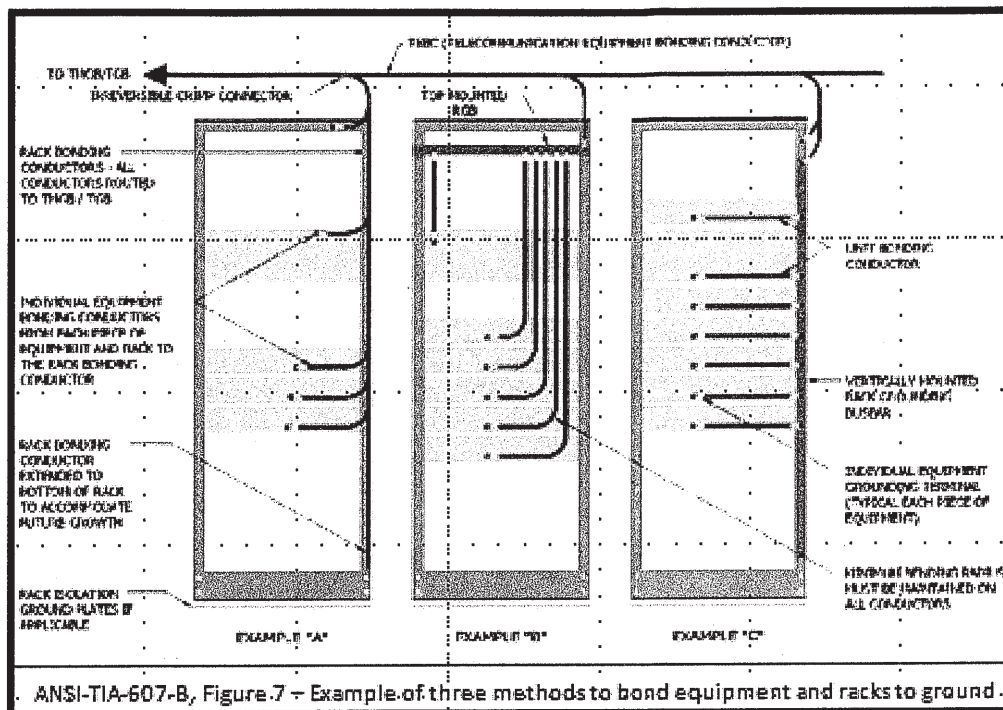
2.12 GROUNDING AND BONDING

A. The facility shall be equipped with a Telecommunications Bonding Backbone (TBB).

This backbone shall be used to ground all telecommunications cable shields, equipment, racks, cabinets, raceways, and other associated hardware that has the potential to act as a current carrying conductor. The TBB shall be installed independent of the building's electrical and building ground and shall be designed in accordance with the recommendations contained in the ANSI/TIA-607-C Telecommunications Bonding and Grounding Standard.

B. The main entrance facility/equipment room in each building shall be equipped with a Primary Bonding Busbar (PBB) formerly known as the telecommunications main grounding bus bar (TMGB). Each telecommunications room shall be provided with a Secondary Bonding Busbar (SBB) formerly known as the telecommunications ground bus bar (TGB). The PBB shall be connected to the building electrical entrance grounding facility. The intent of this system is to provide a grounding system that is equal in potential to the building electrical ground system. Therefore, ground loop current potential is minimized between telecommunications equipment and the electrical system to which it is attached.

C. All racks, metallic backboards, cable sheaths, metallic strength members, splice cases, cable trays, etc. entering or residing in the TR or ER shall be grounded to the respective PBB or SBB using a minimum #6 AWG stranded copper bonding conductor and compression connectors. Metallic items longer than 30 feet, cable trays, wireways, shall be grounded at regular intervals to reduce impedance of the system. All racks, metallic strength members, splice case, cable trays, etc should be tested for grounding effectiveness. Data shall be recorded and provided with documentation for installation approval.



- D. All wires used for telecommunications grounding purposes shall be identified with a green insulation. Non-insulated wires shall be identified at each termination point with a wrap of green tape. All cables and bus bars shall be identified and labeled in accordance with the System Documentation Section of this specification.
- E. All racks that sit on conductive surfaces, such as cement floors with steel reinforcement, shall have isolation pads under them, Part Number OR-IPK.

Bonding Products			
OR-GB4X12TMGBKIT	PBB	Primary	4"x12"
OR-GB4X20TMGBKIT	PBB	Primary	4"x20"
OR-GB2X12GBKIT	SBB	Secondary	2"x12"
OR-GBV36KIT	RBB	Vertical	5/8"x36"
OR-GBV72KIT	RBB	Vertical	5/8"x72"
OR-GBH19KIT	RBB	Horizontal	1"x19.25"
OR-60400010	Rack Lug kit	Rack bonding	Ground lug
OR-IPK	Rack pad	Isolation	Isolation Pad

2.13 FIRESTOP

- A. A fire stop system is comprised of the item or items penetrating the fire rated structure, the opening in the structure and the materials and assembly of the materials used to seal the penetrated structure. Fire stop systems comprise an effective block for fire, smoke, heat, vapor and pressurized water stream.
- B. All penetrations through fire-rated building structures (walls and floors) shall be sealed with an appropriate fire stop system. This requirement applies to through penetrations (complete penetration) and membrane penetrations (through one side of a hollow fire rated structure). Any penetrating item i.e., riser slots and sleeves, cables, conduit, cable tray, and raceways, etc. shall be properly fire stopped.
- C. All smoke walls must be fire stopped using a 1 hour F rated UL system.
- D. Fire stop systems shall be UL Classified to ASTM E814 (UL 1479) and shall be approved by a qualified Professional Engineer (PE), licensed (actual or reciprocal) in the state where the work is to be performed. A drawing showing the proposed fire stop system, shall be provided to the Owner's Technical Representative prior to installing the fire stop system(s).
- E. All areas that have the fire stop compromised due to MAC work (Moves, Adds and Changes) must be restored to the original rating of the firewall (or floor). It is preferred that the products used in the original UL System are used to restore it. If the UL system will no longer restore that penetration to the original rating, the new system used must be approved by the end user or their owner's representative.

PART 3 – EXECUTION

3.1 FIBER BACKBONE—STRANDS OF FIBER WILL VARY DEPENDING ON PROJECT

- A. For installations that the backbone cabling is not already installed, install (1) Superior Essex 6/12/24 strand OFNP rated 50/125 micron (OM4) Armored Multimode optical fiber backbone cabling from each of the floors to the MDF, terminate both ends on LC Style Connectors. Terminate backbone optical fiber cabling in Legrand rack mounted panels.

3.2 COPPER BACKBONE

- A. For installations that need a copper backbone, install Category 6A plenum cables from each TR to the MDF. Tie cables will terminate onto rack mounted 24 port patch panels at both ends and will be used for extending analog lines or circuits to the floors.

3.3 WORK AREA OUTLETS

- A. For furniture system outlets, route cables, destined through the poke-through or stub-up in the cavity of wall or column to the junction box, terminate cables following the manufacture instruction.
- B. For floor-mount outlets, route cables to the poke-through thru the floor below and terminate cables onto the modules as required.
- C. Cables shall be coiled in the in-wall or surface-mount boxes if adequate space is present to house the cable coil without exceeding the manufacturer's bend radius. In hollow wall installations where box-eliminators are used, excess cable can be stored in the wall. No more than 12" of UTP and 36" of fiber slack shall be stored in an in-wall box, modular furniture raceway, or insulated walls. Excess slack shall be loosely coiled and stored in the ceiling above each drop location when there is not enough space present in the outlet box to store slack cable.
- D. Cables shall be dressed and terminated in accordance with the recommendations made in the ANSI/TIA-568-D standard, manufacturer's recommendations and best industry practices.

- E. Pair untwist at the termination shall not exceed 12 mm (one-half inch). The cable twist should not be altered from the manufacturer orientation. Keep the twist to as close to zero as possible while still allowing for the termination.
- F. Bend radius of the horizontal cable shall not be less than 4 times the outside diameter of the cable.
- G. The cable jacket shall be maintained to within 25mm (one inch) of the termination point. The cable jacket shall not push on the stuffer caps of the jacks at any time.
- H. When installing faceplates with more than one port, data jacks, unless otherwise noted in drawings, shall be located in the top modular position(s) of each faceplate with any blanks installed in the bottom locations.

3.4 HORIZONTAL DISTRIBUTION CABLE INSTALLATION

- A. Cable shall be installed in accordance with manufacturer's recommendations and best industry practices.
- B. A pull cord (nylon; 1/8" minimum) shall be co-installed with all cable installed in any conduit.
- C. Cable raceways shall not be filled greater than the ANSI/TIA-569-D maximum fill for the particular raceway type.
- D. When J-Hooks are used, installation practices must be compliant with ANSI/TIA-569-D and NEC 300.17. It is the responsibility of the cabling contractor to review fill ratios with the Authority Having Jurisdiction before installation.
- E. Cables shall be installed in continuous lengths from origin to destination (no splices) except for transition points, or consolidation points.
- F. Where transition points or consolidation points are allowed, they shall be located in accessible locations and housed in an enclosure intended and suitable for the purpose.
- G. The cabling shall not be painted. Painting the cable voids the warranty and must be replaced.
- H. If J-hooks are used to support cable bundles, all horizontal cables shall be supported at a maximum of 48 to 60 inch intervals. The J hooks should be placed randomly. This will avoid degradation in performance in higher category cabling. At no point shall cable(s) rest on acoustic ceiling grids or panels.
- I. Horizontal distribution cables shall be bundled in groups of no more than 50 cables. Cable bundle quantities in excess of 50 cables may cause deformation of the bottom cables within the bundle and degrade cable performance.

- J. Cable shall be installed above fire-sprinkler systems and shall not be attached to the system or any ancillary equipment or hardware. The cable system and support hardware shall be installed so that it does not obscure any valves, fire alarm conduit, boxes, or other control devices.
- K. Cables shall not be attached to ceiling grid or lighting fixture wires. Where support for horizontal cable is required, the contractor shall install appropriate carriers to support the cabling.
- L. Any cable damaged or exceeding recommended installation parameters during installation shall be replaced by the contractor prior to final acceptance at no cost to the end user.
- M. Cables shall be identified by a self-adhesive label in accordance with the System Documentation Section of this specification and ANSI/TIA-606-C. The cable label shall be applied to the cable behind the faceplate on a section of cable that can be accessed by removing the cover plate.
- N. Unshielded twisted pair cable shall be installed so that there are no bends smaller than four times the cable outside diameter at any point in the run and at the termination field.
- O. Pulling tension on 4-pair UTP cables shall not exceed 25-lbf for a four-pair UTP cable.
- P. When using conduits, it is recommended that a maximum of (2) 90° bends. If a third 90° bend is necessary, the fill ratio must be decreased by 15%. Conduit cable fill percentages, 2 cables=31% fill. 3 cables or more = 40% fill.
- Q. Service loops (slack storage) should be stored in a Figure 8 pattern.
- R. Refer to Appendix B for distance limitations to avoid EMI interference.

3.5 HORIZONTAL CROSS CONNECT INSTALLATION

- A. Cables shall be dressed and terminated in accordance with the recommendations made in the ANSI/TIA-568-D standard, manufacturer's recommendations and best industry practices.
- B. Pair untwist at the termination shall not exceed 13 mm (0.5 inch).
- C. Bend radius of the cable in the termination area shall not exceed 4 times the outside diameter of the cable.
- D. Cables shall be neatly bundled and dressed to their respective panels or blocks. Each panel or block shall be fed by an individual bundle separated and dressed back to the point of cable entrance into the rack or frame.

- E. The cable jacket shall be maintained as close as possible to the termination point.
- F. Each cable shall be clearly labeled on the cable jacket behind the patch panel at a location that can be viewed without removing the bundle support ties. Cables labeled within the bundle, where the label is obscured from view shall not be acceptable.

3.6 OPTICAL FIBER TERMINATION HARDWARE

- A. Fiber slack shall be neatly coiled within the fiber splice tray or enclosure. No slack loops shall be allowed external to the fiber panel.
- B. Each cable shall be individually attached to the respective splice enclosure by mechanical means. The cables strength member shall be securely attached the cable strain relief bracket in the enclosure.
- C. Each fiber bundle shall be stripped upon entering the splice tray and the individual fibers routed in the splice tray.
- D. Each cable shall be clearly labeled at the entrance to the splice enclosure. Cables labeled within the bundle shall not be acceptable.
- E. All spare strands shall be installed into spare splice trays.

3.7 BACKBONE CABLE INSTALLATION

- A. Backbone cables shall be installed separately from horizontal distribution cables
- B. A pull cord (nylon; 1/8" minimum) shall be co-installed with all cable installed in any conduit.
- C. Where cables are housed in conduits, the backbone and horizontal cables shall be installed in separate conduits
- D. Where backbone cables are installed in an air return plenum, riser rated cable shall be installed in metallic conduit.
- E. Where backbone cables and distribution cables are installed in a cable tray or wire way, backbone cables shall be installed first and bundled separately from the horizontal distribution cables.
- F. All backbone cables shall be securely fastened to the sidewall of the TR on each floor.
- G. Backbone cables spanning more than three floors shall be securely attached at the top of the cable run with a wire mesh grip and on alternating floors or as required by local codes.
- H. Vertical runs of cable shall be supported to messenger strand, cable ladder, or other method to provide proper support for the weight of the cable.
- I. Large bundles of cables and/or heavy cables shall be attached using metal clamps and/or metal banding to support the cables.

3.8 COPPER TERMINATION HARDWARE

- A. Cables shall be dressed and terminated in accordance with the recommendations made in the ANSI/TIA-568-D standard, manufacturer's recommendations and best industry practice.
- B. Pair untwist at the termination shall not exceed 12 mm (one-half inch).
- C. Bend radius of the cable in the termination area shall not exceed 4 times the outside diameter of the cable.
- D. Cables shall be neatly bundled and dressed to their respective panels or blocks. Each panel or block shall be fed by an individual bundle separated and dressed back to the point of cable entrance into the rack or frame.
- E. The cable jacket shall be maintained to within 25 mm (one inch) of the termination point.

- F. Each cable shall be clearly labeled on the cable jacket behind the patch panel at a location that can be viewed without removing the bundle support ties. Cables labeled within the bundle, where the label is obscured from view shall not be acceptable.

3.9 RACKS

- A. Racks shall be securely attached to the concrete floor using minimum 3/8" hardware or as required by local codes.
- B. All racks shall be grounded to the telecommunications ground bus bar in accordance with Section 2.11 of this document.
- C. Rack mount screws not used for installing patch panels and other hardware shall be bagged and left with the rack upon completion of the installation.
- D. All racks should have a minimum of 30 inch clearance from the walls on all sides of the rack(s) unless local or state codes require otherwise. When mounted in a row, maintain a minimum of 30 inches from the wall behind and in front of the row of racks and from the wall at the end of row unless local or state codes require otherwise.

3.10 FIRESTOP SYSTEM

- A. All fire stop systems shall be installed in accordance with the manufacturer's recommendations and shall be completely installed and available for inspection by the local inspection authorities prior to cable system acceptance.

3.11 GROUNDING SYSTEM

- A. The TBB shall be designed and/or approved by a qualified PE, licensed in the state that the work is to be performed. The TBB shall adhere to the recommendations of the TIA-607 standard, and shall be installed in accordance with best industry practice.
- B. Installation and termination of the main bonding conductor to the building service entrance ground shall be performed by a licensed electrical contractor.

3.12 IDENTIFICATION AND LABELING

- A. All labeling shall match the end user standards and provided drawings. Coordinate with the end user IT to create Cable Termination charts and labeling.
- B. All labeling information shall be recorded on the as-built drawings and all test documents shall reflect the appropriate labeling scheme. Labeling shall follow the guidelines of ANSI/TIA-606-C.

- C. All label printing will be machine generated. Self-laminating labels will be used on cable jackets, appropriately sized to the OD of the cable, and placed within view at the termination point on each end. Work Area Outlet and patch panel labels shall be installed on, or in, the space provided on the device. The wiring scheme shall be determined by the end user.

3.13 TESTING AND ACCEPTANCE

A. General

1. All testing shall be performed to the satisfaction of Ortronics, a Legrand brand, so the Limited Lifetime Applications Assurance Warranty can be extended to the end user. Refer to the Legrand website for current approved software and testers at www.legrand.us.
2. All cables and termination hardware shall be 100% tested for defects in installation and to verify cabling system performance under installed conditions according to the requirements of ANSI/TIA-568-D. All pairs of each installed cable shall be verified prior to system acceptance. Any defect in the cabling system installation including but not limited to cable, connectors, feed through couplers, patch panels, and connector blocks shall be repaired or replaced in order to ensure 100% useable conductors in all cables installed.
3. All cables shall be tested in accordance with this document, the ANSI/TIA standards, the Legrand Certification Program Information Manual and best industry practice. If any of these are in conflict, the Contractor shall bring any discrepancies to the attention of the project team for clarification and resolution.

B. Copper Channel Testing

1. All twisted-pair copper cable links shall be tested for continuity, pair reversals, shorts, opens and performance as indicated below. Additional testing is required to verify Category performance. Horizontal cabling shall be tested using a Level III test unit for the installed cabling system performance level, category 5e or category 6 performance compliance as specified in ANSI/TIA-568.2-D.

2. Continuity - Each pair of each installed cable shall be tested using a test unit that shows opens, shorts, polarity and pair-reversals, crossed pairs and split pairs. Shielded/screened cables shall be tested with a device that verifies shield continuity in addition to the above stated tests. The test shall be recorded as pass/fail as indicated by the test unit in accordance with the manufacturers' recommended procedures, and referenced to the appropriate cable identification number and circuit or pair number. Any faults in the wiring shall be corrected and the cable re-tested prior to final acceptance.
3. Length - Each installed cable link shall be tested for installed length using a TDR type device. The cables shall be tested from patch panel to patch panel, block to block, patch panel to outlet or block to outlet as appropriate. The cable length shall conform to the maximum distances set forth in the ANSI/TIA-568-C Standard. Cable lengths shall be recorded, referencing the cable identification number and circuit or pair number. For multi-pair cables, the shortest pair length shall be recorded as the length for the cable.
4. Category 6 performance

Follow the Standards requirements established in:

- ANSI/TIA-568.2-D

A Level III or better test unit is required to verify category 6 performances.

The basic tests required are:

- Wire Map
- Length
- Attenuation
- NEXT (Near end crosstalk)
- Return Loss
- ELFEXT Loss
- Propagation Delay
- Delay skew
- PSNEXT (Power sum near-end crosstalk loss)
- PSELFEXT (Power sum equal level far-end crosstalk loss)

5. Approved UTP Testing Equipment

- A. UTP testing equipment shall be Fluke DSX-5000 Certified tester approved by Legrand for category 6 and/or 5e Link and Channel Testing using the tester's manufacturers approved patch cords and connectors only.

C. Fiber Testing

1. All fiber testing shall be performed on all fibers in the completed end to end system. There shall be no splices unless clearly defined in an RFP. Testing shall consist of an end to end power meter testing. The system loss measurements shall be provided at 850 and/or 1300 nanometers for multimode fibers and 1310 and/or 1550 nanometers for single mode fibers, in both directions.
2. Backbone multimode fiber cabling shall be tested at both 850 nm and 1300 nm (or 1310 and 1550 nm for single mode) in both directions.
3. Test set-up and performance shall be conducted in accordance with ANSI/TIA-526-14 Standard, Method B(single jumper test), for multimode.
4. Where links are combined to complete a circuit between devices, the Contractor shall test each link from end to end to ensure the performance of the system. **ONLY LINK TEST IS REQUIRED.** The contractor can optionally install patch cords to complete the circuit and then test the entire channel. The test method shall be the same used for the test described above. The values for calculating loss shall be those defined in the ANSI/TIA Standard.
5. Attenuation testing shall be performed with an approved hand held tester from an industry recognized test equipment manufacturer.

3.14 APPROVED FIBER OPTIC TESTING EQUIPMENT

Fiber Optics testing equipment shall be Fluke DSX-5000 Certified Tester for Fiber Optic Cable Testing.

3.15 APPROVED TESTING EQUIPMENT

A. UTP Testing Equipment

- a. Fluke DSX-5000 certified tester approved by Legrand for Category 6 Link and Channel Testing using the tester's manufacturer approved patch cords and connectors only.

B. Fiber Optic Testing Equipment

- b. Fluke DSX-5000 certified tester approved by Legrand for Fiber Optic Cable Testing.

3.16 SYSTEM DOCUMENTATION

- A. Upon completion of the installation, the telecommunications contractor shall provide three (3) full documentation sets to the Engineer for approval. Documentation shall include the items detailed in the sub-sections below.

- B. Documentation shall be submitted within ten (10) working days of the completion of each testing phase (e.g. subsystem, cable type, area, floor, etc.). This is inclusive of all test result and draft as-built drawings. Draft drawings may include annotations done by hand. Machine generated (final) copies of all drawings shall be submitted within 30 working days of the completion of each testing phase. At the request of the Engineer, the telecommunications contractor shall provide copies of the original test results.
- C. The end user may request that a 10% random field re-test be conducted on the cable system, at no additional cost, to verify documented findings. Tests shall be a repeat of those defined above. If findings contradict the documentation submitted by the telecommunications contractor, additional testing can be requested to the extent determined necessary by the Engineer, including a 100% re-test. This re-test shall be at no additional cost to the Owner.

3.17 PROGRESS DOCUMENTATION

- A. Contractor must provide digital picture in the following sequence
 - a. 25% completion: 30% Telecommunications Room, 20% of Work Station Outlets
 - b. 100% completion: 20% of Telecommunication Room and 10% of the Work Station Outlets.

3.18 TEST RESULTS

- A. Test documentation shall be provided electronically within three weeks after the completion of the project. If a hard copy is also required, it shall be clearly marked with the words "Project Test Documentation", the project name, and the date of completion (month and year). The results shall include a record of test frequencies, cable type, conductor pair and cable (or outlet) I.D., measurement direction, reference setup, and crew member name(s). The test equipment name, manufacturer, model number, serial number, software version and last calibration date will also be provided at the end of the document. Unless the manufacturer specifies a more frequent calibration cycle, an annual calibration cycle is anticipated on all test equipment used for this installation. The test document shall detail the test method used and the specific settings of the equipment during the test as well as the software version being used in the field test equipment.
- B. The field test equipment shall meet the requirements of ANSI/TIA-568-D including applicable TSB's and amendments. The appropriate Level III tester shall be used to verify category 6 cabling systems.
- C. Testing generated for each cable by the copper (or fiber) test instrument shall be submitted as part of the documentation package, in electronic format. The telecommunications contractor must furnish this information in electronic form on a CD-ROM or in a format designated by the end user.

- D. When repairs and re-tests are performed, the problem found and corrective action taken shall be noted, and both the failed and passed test data shall be documented.

3.19 AS-BUILT DRAWINGS

- A. The drawings are to include cable routes, sleeve penetrations and sizes, and outlet locations. Outlet locations shall be identified by their sequential number as defined elsewhere in this document. Numbering, icons, and drawing conventions used shall be consistent throughout all documentation provided. The Owner will provide floor plans in paper and electronic (DWG, AutoCAD rel. 14 or newer) formats on which as-built construction information can be added. These documents will be modified accordingly by the telecommunications contractor to denote as-built information as defined above and returned to the Owner.
- B. The Contractors shall annotate the base drawings and return a hard copy (same plot size as originals) and electronic (AutoCAD) form.

4 WARRANTY AND SERVICES

4.1 WARRANTY

- A. The nCompass Warranty combines a Limited Lifetime Extended Product and Application Assurance warranty. Legrand and Superior Essex (Manufacturer) provides the warranty directly to the Miami Dade County ITD.
- B. An Extended Product Warranty shall be provided, which warrants functionality of all components used in the system for a Limited Lifetime up to 40 years from the date of registration. The Extended Product Warranty shall warrant the installed horizontal and/or backbone copper, and both the horizontal and the backbone optical fiber portions of the cabling system.
- C. A warranty will remain in effect if the cable installed from switch to end user is manufactured by both a Legrand approved manufacturer and Legrand patch cords are installed. If, in that path there are cables manufactured by two different approved cable manufacturers and Legrand patch cords are used, this solution could be covered by the appropriate warranty. The applicable warranty that would apply depends upon the lowest performance cable installed in the path between the switch and the end user.
- D. The contractor shall provide a warranty on the physical installation.

4.2 CONTINUING MAINTENANCE

- A. MACs shall be performed by a Legrand Certified Contractor at the CIP-ESP level (preferred). The moves, adds and changes shall be added to the nCompass™ warranty when registered with Legrand.

4.3 CLOSE OUT PACKAGE FORMAT

- A. Closeout package shall include the nCompass Limited Lifetime Applications Assurance Warranty. Refer to www.nCompass-system.com for specific guidelines.

4.4 PAYMENT

- A. Payments for this project will be at the direction of the construction manager. Final payment will be tied to the job completion and acceptance of on-time receipt of all submittals including the closeout package.

4.5 APPROVAL REQUESTS

- A. All approval requests/submittals shall be provided to the construction manager and the end user at least three (3) days minimum, preferably two (2) weeks, prior to work being performed. This will allow the construction manager and the end user to respond to requests in a prompt manner.

4.6 FINAL ACCEPTANCE & SYSTEM CERTIFICATION

- A. Completion of the installation, in-progress and final inspections, receipt of the test and as-built documentation, and successful performance of the cabling system for a two week period will constitute acceptance of the system. Upon successful completion of the installation and subsequent inspection, the end user shall be provided with a numbered certificate, from Legrand registering the installation.

APPENDIX A – CIP-ESP Protocols

CIP-ESP National Network Protocols for Providing Replicated Support and Value:

The CIP-ESP program is designed to offer end-users seamless installation coverage on a national basis. End-users with multiple locations have traditionally had the burden of managing each and every location as unique, one-time projects. This is largely because channel partners have often placed the burden on the customer. There are very few national contractors; distributors operate as individual locations; and manufacturers pay their sales people on point of sale, which has the unwanted effect of making the local sales person unresponsive to the national needs of a customer.

The Legrand ESP program addresses every one of these issues by offering solutions created to enhance the value of all three components of the channel. For national installation coverage, the CIP-ESP network addresses national opportunities by coordinating a team of the best contractors in the industry, dedicated to the replication of the customer's standard design and product choice. The network offers the customer value by reducing project management responsibilities, improving on-time completion of installations, simultaneously providing multiple installations to multiple regions, and providing the value that comes from having all locations standardized and protected by the nCompass warranty. In order for the CIP-ESP network to be able to meet these goals, certain protocols must be followed and supported. These protocols have been created with one thing in mind: the members of the network understand that these protocols are in place to provide better support for the end-users' needs, and by working as team, are able to follow the customer's standards and specifications and operate as one entity, in a coordinated fashion.

Every member of the CIP-ESP network must commit to the following list of protocols:

- ✓ Precisely replicate the customer's standard design, product choices and communication protocols
- ✓ Work closely with the distributor of choice in order to minimize lead time issues and to work seamlessly with the customer's logistics partner
- ✓ Handle all channel disputes internally and never put the end-user in the middle of channel conflict
- ✓ Constantly search for improved process opportunities. Fully understand the value of the ESP program in order to serve as an extension of the Legrand sales team.
- ✓ Strictly adhere to all physical layer principles and installation guidelines to ensure maximum performance, protection, space usage and power and thermal management efficiencies.

APPENDIX B - DISTANCE LIMITATIONS

Raceway Installation

1. Separation from EMI Sources:
 - a. Comply with BICSI TDMM 13th edition and ANSI/TIA-569-D for separating unshielded copper voice and data communication cable from potential EMI sources, including electrical power lines and equipment.
 - b. Separation between open communications cables or cables in **non-metallic raceways** and unshielded power conductors and electrical equipment shall be as follows:
 - 1) Electrical Equipment Rating Less Than 2kVA: A minimum of (5") five inches.
 - 2) Electrical Equipment Rating between 2 and 5kVA: A minimum of (12") twelve inches.
 - 3) Electrical Equipment Rating More Than 5kVA: A minimum of (24") twenty-four inches.
 - c. Separation between communications cables in **grounded metallic raceways** and unshielded power lines or electrical equipment shall be as follows:
 - 1) Electrical Equipment Rating less than 2KVA: A minimum of (2-1/2") two and one-half inches.
 - 2) Electrical Equipment Rating between 2 and 5KVA: A minimum of (6") six inches.
 - 3) Electrical Equipment Rating More Than 5KVA: A minimum of (12") twelve inches.
 - d. Separation between Communications Cables and **Fluorescent Fixtures**: A minimum of (5") five inches.

APPENDIX C – PART NUMBERS

	Part Number	Description
Bonding	OR-60400010	Rack bonding lug kit
	OR-GB2X12GBKIT	SBB, 2"x12"
	OR-GB4X12TMGBKIT	PBB, 4"x12"
	OR-GB4X20TMGBKIT	PBB, 4"x20"
	OR-GBH19KIT	RBB, Horizontal, 1"x19.25"
	OR-GBV36KIT	RBB, Vertical, 5/8"x36"
	OR-GBV72KIT	RBB, Vertical, 5/8"x72"
	OR-IPK	Rack Isolation Pad
Cable - Copper	54-246-2A	Category 6, NextGain, Blue BrakeBox (CMR) Riser
	54-246-2B	Category 6, NextGain, Blue BrakeBox (CMP) Plenum
Copper Patch Cord	MC605-06	Cat6, stranded UTP, BLUE, 5'
	MC607-06	Cat6, stranded UTP, BLUE, 7'
	MC609-06	Cat6, stranded UTP, BLUE, 9'
	MC615-06	Cat6, stranded UTP, BLUE, 15'
	RDC605-06	Cat6, stranded UTP, BLUE 5', Reduced Diameter
	RDC607-06	Cat6, stranded UTP, BLUE, 7', Reduced Diameter
	RDC609-06	Cat6, stranded UTP, BLUE, 9', Reduced Diameter
	RDC615-06	Cat6, stranded UTP, BLUE, 15', Reduced Diameter
Faceplate	OR-40300548	Single gang, 2-module TracJack faceplate, Fog White
	OR-40300546	Single Gang, 4-module TracJack faceplate, Fog White
	OR-42100002	Blanks (10/package), Fog White
Fiber Cable	L4006P401	SPSX 6-strand multi-mode 50-micron OM4 interlocking-armored CMP fiber
	L4012P401	SPSX 12-strand multi-mode 50-micron OM4 interlocking-armored CMP fiber
	L4024P401	SPSX 24 fiber multimode OM4 interlocking armor CMP fiber
Fiber Accessories	HDFP-LCD12LC	Multimode 12 fiber LC adapter panel, aqua
	HDFP-LCQ24LC	Multimode 24 fiber LC adapter panel, aqua

Fiber Connector	M4LCD12-50ESA1	Multimode 12 Fiber Splice Cassette, aqua
	M4LCD12-50E	Multimode 12 Fiber Cassette, Aqua
	M4LCQ24-50EA3A1	Multimode 24 Fiber Cassette, Aqua
	OR-205KNF9GA-50E	Multimode: LC Style Fusion Splice on Connector
	OR-205KNF9SA-09	Single mode: LC Style Fusion Splice on Connector
	OR-205KNT9GA-50T	Multimode LC reusable fiber connector
	OR-205KNT9SA-09	Single Mode LC reusable fiber connector
Fiber Enclosure	INFC01U-M4	1 RMU rack mount fiber enclosure
	INFC02U-M4	2 RMU rack mount fiber enclosure
	INFC04U-M4	4 RMU rack mount fiber enclosure
Fiber Patch Cord	QFJ-4242-269A-xxx	Field Reversible, Single-mode, OS2, OFNR, xxx=feet of cord
	QFJ-4242-28CA-xxx	Field Reversible, OM4, LOMF, OFNR, xxx=feet of cord
Furniture Module	OR-40300633	Furniture Plate (4 port), Fog White, TJ
Grounding	OR-GS-8	Grounding Kit
Horizontal Manager	OR-MM6HM62RU	2 RU, Horizontal Manager, 3.5" H x 19" W, single sided
	OR-MM6HM6D2RU	2RU Horizontal Manager, 3.5"H x 19"W, double sided
J-Hooks	CJ32HP	2" plastic coated metal J Hook
	CJ64HP	4" Plastic coated metal J Hook
Jack	OR-TJ600	TracJack category 6 module , Fog White
	OR-TJ600-36	TracJack Category 6, Blue
Ladder Rack	OR-MM20CRB16-B	Runway Bracket
	OR-P128240HB	Wall Angle Assembly
	OR-P820127H	Straight Clamp Kit
	OR-P820147H	Corner Clamp Kit
	OR-P820527HB	Cable Bracket for pathway for power
	OR-P982078H	Vertical Wall Bracket
	OR-P987527H	J-Bolt Kit
	OR-RCBK-6	Threaded Ceiling Kit
	OR-TRP11-CM	Transition Pan
	OR-TRT10-12B	12" Ladder-rack

Patch Panel	OR-PHD66U24	24 port high density flat patch panel, 6 port modules. 1 RU
	OR-PHD66U48	48 port high density flat patch panel, 6 port modules, 2 RU
	OR-PSA66U48	48 port high density angled patch panel, , 6 port modules, 2 RU
Racks	OR-MM200710-B	7'H x 10.5"D, Channel Rack, Black
	OR-MM20706-B	7'H x 6.5"D, Channel Rack, Black
	OR-MM20716-B	7'H x 16"D , Channel Rack, black
Rack Accessories	OR-MM20PDUMB1D1W-B	PDU Button Mount Bracket
Surface Mount Plate	OR-404TJ2	Surface housing for TracJack - holds 2 modules, Fog White
Vertical Manager	OR-MM20VMD706-B	7'h x 6.5"w x 10.25"d front vertical manager with latching door.
	OR-MM20VMD710-B	7'h x 10.5"w x 15"d front vertical manager with hinged cover.
	OR-MM20VMD712-B	7'h x 12.5w x 15"d front vertical manager with latching door.
	OR-MM20VMD716-B	7'h x 16.25"wx 15"d front vertical manager with latching door.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, APPROVING AND AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE AN AMENDED AND RESTATED INTERLOCAL AGREEMENT BETWEEN THE CITY OF MIAMI BEACH (THE CITY) AND MIAMI-DADE COUNTY, FLORIDA (THE "COUNTY") RELATING TO THE OPERATION OF THE COUNTY'S THREE (3) LIBRARY FACILITIES WITHIN THE CITY; WITH SUCH AGREEMENT PROVIDING, AMONG OTHER TERMS, FOR THE RELOCATION OF THE NORTH SHORE BRANCH LIBRARY AT 7501 COLLINS AVENUE UPON COMPLETION OF THE NEW LIBRARY FACILITY PROPOSED TO BE CONSTRUCTED AT 299 72ND STREET, AS PART OF THE 72ND STREET COMMUNITY COMPLEX PROJECT.

WHEREAS, on June 20, 1986, Miami-Dade County (the "County") and the City of Miami Beach entered into an Interlocal Agreement related to the County's provision of library services within the City, approved via County Resolution No. R-1003-86 and City Resolution No. 86-18488; and

WHEREAS, pursuant to the Interlocal Agreement, the Miami Beach Public Library and its two branches, which until then had been operated by the City, became part of the Miami-Dade Public Library System. Accordingly, the Interlocal Agreement provided for the County to use and lease the City's existing library facilities, hire the City's library employees, and be directly responsible for the provision of library services for the City's residents.

WHEREAS, the Interlocal Agreement has been amended on various occasions over the years; specifically, the First Amendment to the Interlocal Agreement, relating to the relocation of services to the new regional library at 227 22nd Street (the "Miami Beach Regional Library") and the new South Shore Reading Room at 131 Alton Road, Unit CU-2 ("South Shore Branch"), was adopted by County Resolution No. R-82-06 and City Resolution No. 2005-26060; the Second Amendment to the Interlocal Agreement, relating to the operation of the South Shore Branch, was adopted by County Resolution No. R-102-14 and City Resolution No. 2013-28371; and

WHEREAS, under the existing Interlocal Agreement, as amended, the County provides library services within the City at three locations:

1. The Miami Beach Regional Library, 227 22nd Street;
2. The North Shore Branch Library, 7501 Collins Avenue;
3. South Shore Branch Library, 131 Alton Road, Unit CU-2; and

WHEREAS, the existing Interlocal Agreement provides the City with the right to relocate any existing library facility, provided that the City pays for the costs of the relocation, and further provided that the new location is approved by the County; and

WHEREAS, the City is proceeding with the design and construction of the 72nd Street Community Complex Project, to be located at 299 72nd Street, Miami Beach, Florida (the "Project") as part of the City's General Obligation Bond Program; and

WHEREAS, among other program elements, the Project includes a parking garage structure with 500 parking spaces, a 50 meter competition pool, a fitness center, a community

center, retail space, green space, and a new library, to replace the existing North Shore Branch at 7501 Collins Avenue ("New Library"), subject to the terms of the proposed Amended and Restated Interlocal Agreement with the County; and

WHEREAS, the proposed Amended and Restated Interlocal Agreement is incorporated as Exhibit "D" to the Commission Memorandum accompanying this Resolution; and

WHEREAS, among other terms, the proposed Interlocal Agreement memorializes the parties' mutual agreement with respect to:

(1) the design and programmatic elements for the New Library, and the process for the County's final approval thereof;

(2) the framework and timing for the relocation of the North Shore Branch Library (which the City anticipates will take place upon the completion of the Project in 2023 or 2024), and City's reimbursement of the County's relocation costs, in accordance with the requirements of the original Interlocal Agreement; and

WHEREAS, the agreed program scope for the New Library will include a program based on the following minimum areas:

- Entrance Lobby/Guest Services, 575 sq. ft.;
- Multipurpose community meeting room/study room, 950 sq. ft.;
- Young adults and children room, 1445 sq. ft.;
- Main reading room/library collections, 1945 sq. ft.;
- Digital Media/technology and innovation lab, 1445 sq. ft.;
- Staff office, lounge area, separate mechanical, data room, janitorial, 1140 sq. ft.;
- Restrooms as required by code (collectively, the "Program Scope"); and

WHEREAS, in addition to the foregoing, the proposed agreement sets forth the process for the County's review of the final design for the New Library, to permit the County to verify that the New Library is ultimately constructed in accordance with the agreed original Program Scope; and

WHEREAS, the proposed Amended and Restated Interlocal Agreement also eliminates terms and provisions from the original Interlocal Agreement which are no longer applicable, and clarifies other terms mutually benefiting the City and County, including terms relating to (1) the Miami Beach Police Department's use of Conference Room 202A at the Miami Beach Regional Library as a police sub-station; (2) the parking spaces the City provides to County library staff working at the three library locations within the City; and (3) equitable terms in the event of the City's termination of the Agreement.

NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, that the Mayor and City Commission of the City of Miami Beach, Florida, hereby approve and authorize the Mayor and City Clerk to execute an Amended and Restated Interlocal Agreement between the City of Miami Beach and Miami-Dade County, Florida relating to the operation of the County's three (3) library facilities within the City; with such Agreement providing, among other terms, for the relocation of the North Shore Branch Library at 7501 Collins Avenue upon completion of the new library facility proposed to be constructed at 299 72nd Street, as part of the 72nd Street Community Complex Project.

PASSED AND ADOPTED this ____ day of September, 2020.

ATTEST:

Dan Gelber, Mayor

Rafael E. Granado, City Clerk

APPROVED AS TO
FORM & LANGUAGE
& FOR EXECUTION

Rafael E. Granado 9/3/20
City Attorney RAP Date

Resolutions - C7 G

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
 FROM: Jimmy L. Morales, City Manager
 DATE: September 16, 2020

SUBJECT: A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, APPROVING AND AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE AN AMENDED AND RESTATED INTERLOCAL AGREEMENT BETWEEN THE CITY OF MIAMI BEACH (THE CITY) AND MIAMI-DADE COUNTY, FLORIDA (THE "COUNTY") RELATING TO THE OPERATION OF THE COUNTY'S THREE (3) LIBRARY FACILITIES WITHIN THE CITY; WITH SUCH AGREEMENT PROVIDING, AMONG OTHER TERMS, FOR THE RELOCATION OF THE NORTH SHORE BRANCH LIBRARY AT 7501 COLLINS AVENUE UPON COMPLETION OF THE NEW LIBRARY FACILITY PROPOSED TO BE CONSTRUCTED AT 299 72ND STREET, AS PART OF THE 72ND STREET COMMUNITY COMPLEX PROJECT.

BACKGROUND/HISTORY

On June 20, 1986, Miami-Dade County (the "County") and the City of Miami Beach entered into an Interlocal Agreement related to the County's provision of library services within the City, approved via County Resolution No. R-1003-86 and City Resolution No. 86-18488 (Exhibit A). Pursuant to the Interlocal Agreement, the Miami Beach Public Library and its two branches, which until then had been operated by the City, became part of the Miami-Dade Public Library System. Accordingly, the Interlocal Agreement provided for the County to use and lease the City's existing library facilities, hire the City's library employees, and be directly responsible for the provision of library services for the City's residents.

On December 7, 2005, the First Amendment to the Interlocal Agreement adopted by County Resolution No. R-82-06 and City Resolution No. 2005-26060 (Exhibit B), defines responsibilities for the relocation of services to the new regional library at 227 22nd Street and the new South Shore Reading Room at 131 Alton Road, Unit CU-2 ("South Shore Branch"), establishes a police substation at the new regional library, and clarifies the definition of maintenance fees to include payments by the County of condominium fees at the South Shore Branch.

On September 30, 2013, the Second Amendment to the Interlocal Agreement was adopted, by County Resolution No. R-102-14 and City Resolution No. 2013-28371 (Exhibit C), relating to the South Shore Branch.

Currently, under the existing Interlocal Agreement, as amended, the County provides library services within the City at three locations:

1. The Miami Beach Regional Library, 227 22nd Street;
2. The North Shore Branch Library, 7501 Collins Avenue; and
3. South Shore Branch Library, 131 Alton Road, Unit CU-2.

The existing Interlocal Agreement provides the City with the right to relocate any existing library facility, provided that the City pays for the costs of the relocation, and further provided that the new location is approved by the County.

ANALYSIS

As a result of the voter-approved 2018 General Obligation Bond, the City is proceeding with the design and construction of the 72nd Street Community Complex Project, to be located at 299 72nd Street, Miami Beach, Florida, which is currently a municipal surface parking lot. The Administration anticipates that the Project will include various programmatic elements, including:

- A 500 space parking structure;
- A 50-meter competition pool with support amenities;
- A 25-meter multi-purpose pool;
- A 5,000 sq. ft. commercial/retail area;
- A 7,500 sq. ft. fitness center;
- A 5,000 sq. ft. community center;
- A hardened fire and police operations room;
- A 60,000 SF of active green space;
- A jogging path; and
- Subject to the terms of the proposed Amended and Restated Interlocal Agreement with the County, a new library to replace the existing North Shore Branch at 7501 Collins Avenue ("New Library").

The final programmatic elements for the Project are subject to funding availability, design discussions with the to-be-selected Design/Builder, and approval by the City Mayor and City Commission.

City staff has been working with the County on the planning and programmatic elements for the New Library and its inclusion as part of the 72nd Street Community Complex Project, in an effort to secure the County's approval for the relocation, as required in accordance with the existing Interlocal Agreement. To this end, subject to approval by the City Commission and Board of County Commissioners, respectively, both the City Administration and County staff desire to memorialize their mutual agreement with respect to:

- (1) the design and programmatic elements for the New Library, and the process for the County's final approval thereof; and
- (2) the framework and timing for the relocation of the North Shore Branch Library (which the City anticipates will take place upon the completion of the Project in 2023 or 2024), and City's reimbursement of the County's relocation costs, in accordance with the requirements of the existing Interlocal Agreement.

The proposed Amended and Restated Interlocal Agreement is attached as Exhibit "D" to the Commission Memorandum accompanying this Resolution, and includes the program scope and terms for the New Library ("Program Scope"). The Program Scope provides for the New Library to have 7500 gross square feet (SF), with a program based on the following minimum areas:

- Entrance Lobby/Guest Services, 575 sq. ft.;
- Multipurpose community meeting room/study room, 950 sq. ft.;
- Young adults and children room, 1445 sq. ft.;
- Main reading room/library collections, 1945 sq. ft.;
- Digital Media/technology and innovation lab, 1445 sq. ft.;
- Staff office, lounge area, separate mechanical, data room, janitorial, 1140 sq. ft.; and
- Restrooms as required by code.

In addition, the New Library will have the opportunity to use a community meeting room of approximately 2,500 square feet, to be located at the roof/aquatic level of the Project, subject to scheduling availability in coordination with City's Parks and Recreation Department.

The timing for approval of the Interlocal Agreement, memorializing the County's agreement to the Program Scope for the New Library, is critical for the City, as it will permit the Administration to provide preliminary design and budget guidance as part of the ongoing RFP for the Design/Builder for the Project. Without this Agreement, the selection of the Design/Builder, and the completion of the Project, would be delayed.

In addition to the foregoing, the proposed Amended and Restated Interlocal Agreement sets forth the process for the County's review of the final design, to permit the County to verify that the Project is ultimately constructed in accordance with the agreed original Program Scope. The Amended and Restated Agreement also updates the existing Interlocal Agreement, as the agreement included many provisions related to the original transfer to the County in the 1980s which are no longer applicable.

Among other terms, the Amended and Restated Agreement clarifies the terms relating to the Miami Beach Police Department's use of Conference Room 202A at the Miami Beach Regional Library as a police sub-station; clarifies terms relating to the parking spaces the City provides to County library staff working at the three library locations within the City; and clarifies terms with regard to the termination of the Agreement, to provide a more equitable arrangement for reimbursing the County for the value of unamortized permanent improvements completed by the County, solely in the event of the City's termination of the Interlocal Agreement.

If approved by the City Commission at its September 16, 2020 meeting, the proposed Amended and Restated Interlocal Agreement will be considered by the Board of County Commissioners at the appropriate Committee in October (most likely the Parks, Recreation and Cultural Affairs Committee), and by the full Board of County Commissioners in November.

CONCLUSION

The Administration recommends that the Mayor and City Commission approve the Amended and Restated Interlocal Agreement.

Applicable Area

North Beach

Is this a "Residents Right to Know" item, pursuant to City Code Section 2-14?

Yes

Does this item utilize G.O. Bond Funds?

Yes

Legislative Tracking

Capital Improvements Projects

ATTACHMENTS:

Description

- Resolution No. 86-18488 (Exhibit A)
- Resolution No. 2005-26060 (Exhibit B)

- ☐ Resolution No. 2013-28371 (Exhibit C)
- ☐ Amended and Restated ILA (Exhibit D)
- ☐ Resolution and Agreement



MEMORANDUM

(Revised)

TO: Honorable Vice Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: November 19, 2020

FROM: 
Geri Bonzon-Keenan
Successor County Attorney

SUBJECT: Agenda Item No. 9(A)(1)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____) to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 9(A)(1)
11-19-20

RESOLUTION NO. R-1205-20

RESOLUTION APPROVING AN AMENDED AND RESTATED
INTERLOCAL AGREEMENT BETWEEN MIAMI-DADE
COUNTY AND THE CITY OF MIAMI BEACH, AUTHORIZING
THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE
TO EXECUTE THE AGREEMENT AND EXERCISE THE
CANCELLATION PROVISIONS CONTAINED THEREIN

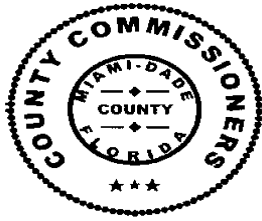
WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board approves the Amended and Restated Interlocal Agreement between Miami-Dade County and the City of Miami Beach for the provision of library services, substantially in the form attached to the accompanying memorandum, and authorizes the County Mayor or County Mayor's designee to execute the agreement and exercise the cancellation provisions contained therein.

The foregoing resolution was offered by Commissioner **José "Pepe" Diaz** , who moved its adoption. The motion was seconded by Commissioner **Sally A. Heyman** and upon being put to a vote, the vote was as follows:

	Rebeca Sosa, Vice Chairwoman	aye	
Jose "Pepe" Diaz	aye	Sen. René García	aye
Oliver G. Gilbert, III	aye	Keon Hardemon	aye
Sally A. Heyman	aye	Eileen Higgins	aye
Joe A. Martinez	aye	Kionne L. McGhee	aye
Jean Monestime	aye	Raquel A. Regalado	aye
Sen. Javier D. Souto	aye	District 8 - Vacant	vacant

The Chairperson thereupon declared this resolution duly passed and adopted this 19th day of November, 2020. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

Melissa Adames

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

mjs

Melanie J. Spencer