

**WORK
AUTHORIZATION**

**No. 015CMD
AMENDMENT # 2**

**Under Broward County Board of County Commissioners'
Award Authority For Professional Services Or Agreement
Threshold For Board Action**

Project Title: New Broward Addiction Recovery Center Testing and Inspection Services

This Work Authorization is between Broward County, (COUNTY) and Cartaya and Associates Architects, P.A., (CONSULTANT) as required pursuant to an Agreement for: General Professional Architectural and Engineering Consultant for Work of a Specified Nature, RLI #R0832007R1, approved by the Broward County Board of County Commissioners on May 3, 2011.

This Authorization provides for professional services pursuant to said Agreement and as specifically described in the attached proposal(s) and Project Specific Scope of Work, dated June 29, 2017.

Payment(s) for such services shall be paid in accordance with Article 6, with compensation in the amount of \$9,316.40 and no additional Reimbursable Expenses for a total possible maximum payment of \$9316.40 to be charged against the following Chartfield:

Fund	Program	Dept.	Account	Business Unit	Project No.	Activity	Budget Period	Budget Ref. (if Grant)
30205	30205	61301000	512110	BRW	100527	Design Basic	2017	N/A

The time period for this Work Authorization will consist of 120 calendar days or that time necessary to complete. If an amendment, the new total time period will consist of 640 calendar days or that time necessary to complete.

Requisition Number
CMD 000191

Work Authorization # 015CMD - \$ 57,492.40
Amendment # 1 - \$ 41,936.33
Amendment # 2 - \$ 9,316.40
Total - \$108,745.13

Nothing contained in this work authorization shall alter, modify or change in any way the terms and conditions of the contract with the County

County

ATTEST:

BROWARD COUNTY, through its BOARD OF COUNTY COMMISSIONERS

Broward County Administrator, as
Ex-officio Clerk of the Broward
County Board of County Commissioners

By: _____, Mayor

This _____ Day of _____, 20____

Recommended By:

N/A

Division Director Signature, (if applicable)

(Print Name)

Approved as to form by
Joni Armstrong Coffey
Broward County Attorney
Governmental Center, Suite 423
115 S. Andrews Avenue
Fort Lauderdale, Florida 33301
Telephone: (954) 357-7600
Telecopier: (954) 357-7641

By: Ariadna Musarra 8.29.17
Ariadna Musarra, Contract Administrator Date

By: [Signature] 8/29/17
Michael Kerr (Date)
Deputy County Attorney

Work Authorization No. 015 CMD Amendment #2, between Broward County, (COUNTY) and Cartaya Associates Architects, P.A., (CONSULTANT) as required pursuant to an Agreement for: General Professional Architectural and Engineering Consultant for Work of a Specified Nature, RLI #R0832007R1.

Consultant

FOR CORPORATION:

ATTEST:

mm'

Secretary *Juan Justinao*

(Please Type Name of Secretary)

Cartaya and Associates Architects

(Please Type Name of Consultant / Firm)

By:

[Signature]

President / Vice President

Mario M. Cartaya

(Please Type Name of President / Vice President)

This 10th Day of August, 20 17

(Corporate Seal)



CARTAYA &
ASSOCIATES
ARCHITECTS

June 29, 2017

Stephen Greco
Broward County
Construction Management Division
115 S. Andrews Ave, Room A550
Fort Lauderdale, FL 33301

RE: Broward Addiction Recovery Center
Special Inspector Services
Additional Services Proposal

Stephen,

Please accept this proposal to provide additional Architectural and Engineering Special Inspector Services on the above referenced project. Our proposed Scope of Work and Fees are itemized below:

Scope of Work:

- Provide Architectural and Engineering Special Inspector services as listed in TY Lin's attached proposal

Proposed Fees:

- Cartaya and Associates Architects, P.A.
 - Project Architect: 20 Hours @ \$119.32/Hour:.....\$2,386.40
 - Subtotal Cartaya and Associates Architects, P.A.:.....\$2,386.40
- TY Lin International
 - Special Inspector (Project Engineer): 60 Hours @ \$115.50/Hour:.....\$6,930.00
 - Subtotal TY Lin International:.....\$6,930.00

Subtotal Professional Not-to-Exceed Fees:.....\$9,316.40

Total Not to Exceed Fees:.....\$9,316.40

Thank you for this opportunity. If you have any questions, please contact us at your convenience.

Sincerely,

Juan Justiniano
Vice-President
Cartaya and Associates Architects, P.A.

AAC001388

QUALITY
ARCHITECTURE
AND SERVICE
SINCE 1979

2400 E COMMERCIAL BOULEVARD | SUITE 201
FORT LAUDERDALE | FLORIDA | 33308

PHONE: (954) 771-2724
WWW.CARTAYAANDASSOCIATES.COM

TYLIN INTERNATIONAL

June 29, 2017

Mr. Juan Justiniano
Vice President,
Cartaya and Associates

**Re: Request for proposal
Broward Addiction Recovery Center- 325 SW 28 Street, Fort Lauderdale.
Permit # 16010344, OPN: 3631582
ADDITIONAL SERVICES**

Dear Mr. Justiniano:

We are pleased to submit this fee proposal to provide Additional Consulting Services in the form of Special Inspection Services for the Broward Addiction Recovery Center located at 325 SW 28 Street in Fort Lauderdale, FL. The original hourly, not-to-exceed budget will be exceeded as of this week, and this proposal will allow TYLI to continue to perform the following services.

The scope of our services will be in compliance with the Special Inspection Plan for Site Precast Concrete Panel Inspection, Structural Steel Connections & Cast in place Concrete as prepared by the Engineer of Record, Amman and Whitney dated 3/18/2016 for permit no. 16010344. The following structural elements are detailed in the inspection plan and will be provided by our Special Inspector:

- 1) Forming and Reinforcing of poured in place columns, walls, beams, and footings for this building, including:
 - a) Concrete and reinforcing steel meet specifications.
 - b) Dowels properly placed, with adequate lapping.
 - c) Steel and columns ties in columns, pilasters, and beam elevation transitions properly placed, lapped and tied.
 - d) Formwork: reinforcing clearances from forms, forms free of debris, level and plumb within tolerances.
 - e) Correct embedment of reinforcing steel, bolt, ties etc.
 - f) Compliance with ACI 318 and commentaries; the approved plans and FBC 1922, R4405 for those items we observe.
- 2) Structural Steel Connections including
 - a) Location, length and throat size of welds meet specifications.
 - b) Overall visual installed condition of welds, including consistency and straightness of bead, uniformity of contour, fusion into base metal, no cracking, evenness on rippled surfaces, absence of pitted surfaces and cavities and metal undercutting.
 - c) Location of bolted connections as per approved plans.
 - d) Alignment and plumpness of steel members being connected.
 - e) Correct number of bolts, bolt types, bolt sizes and holes sizes as per approved drawings.
- 3) Precast Concrete Units upon erection (prior to concealment) including:
 - a) Size, location, spacing, and placement.
 - b) Overall visual installed condition of precast units, including apparent cracking, defects or damage.
 - c) Connections / Bearing to main structure as per approved construction documents.

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- d) Alignment and plumb of precast members being connected.
- e) Correct number of anchors, anchor types, sizes and holes sizes as per approved drawings.
- 4) Site Precast Concrete Wall Panels including but not limited to the following:
 - a) Concrete and reinforcing steel meet specifications.
 - b) Reinforcing, placement, size and spacing comply with the construction documents.
 - c) Dowels / Embedded Connections properly placed, with adequate lapping, embedment and confinement.
 - d) Formwork: reinforcing clearances from forms, forms free of debris, level and plumb within tolerances.
 - e) Compliance with ACI 318 and commentaries; the approved plans and FBC 1922, R4405 for those items we observe.
 - f) Connections / Bearing to main structure as per approved construction documents.
 - g) Alignment and plumb of site precast members being connected.
 - h) Connections between site precast panels as per approved drawings.
- 5) Building envelope water proofing, fenestrations, roof and decks.

TYLI's professionals will conduct the necessary thorough site inspections. Following the inspections, the special inspector shall prepare reports on conformance with construction documents for each inspection and circulate it to all affected parties. The deliverable reports for this project will be in the form of Broward County Structural Inspection Form signed and sealed by a Florida registered professional engineer.

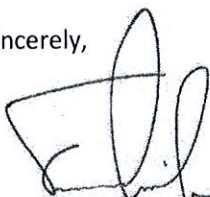
This proposal is based on the information provided by Cartaya and Associates to us through email correspondences. T.Y. Lin International (TYLI) is a full service, multi-discipline engineering firm and as such we will be providing the required disciplines under one company.

TYLI will provide the Special Inspector as described above at an **Hourly rate of \$115.50 per hour**, with a "Not to Exceed" fee of \$6,930.00 (Six Thousand Nine Hundred and Thirty Dollars 00/100) as described in the table below requiring 6 hours per visit (4 hours for visit, 2 hours for report).

Timeframe	Visits	Hrs./Visit	Hours	Fee
Remaining Const.	10	6	60	\$6,930
Total:				\$6,930

Thank you once again for the opportunity to submit our Proposal for Professional Services and we look forward to your favorable consideration.

Sincerely,



Francisco J. Alonso, PE
Associate Vice President