

1580 Sawgrass Corporate Parkway, Suite 400
Sunrise, FL 33323

Phone: 954-200-7233
Fax: 954-200-7612



February 10, 2022

Jeff Jiang, P.E.
Assistant Director - ECSD
P.O. Box 229045
Hollywood, FL 33022-9045

BID 19-9119A/155007

Subject: City of Hollywood Deep Injection Well No. 3 and No. 4 Pump Station
Bid Review and Recommendation

Dear Mr. Jiang:

The bid opening for the City of Hollywood Deep Injection Well No. 3 and No. 4 Pump Station project was held on January 31, 2022, at the City of Hollywood City Hall. One (1) bid was received. The Bid was reviewed by the City of Hollywood and Brown and Caldwell to evaluate compliance with the requirements listed in the bidding documents. The results of Brown and Caldwell's review are presented below.

Bid Price Verification for Cardinal Contractors, Inc.

The base bid price for Cardinal Contractors, Inc., the bidder, is presented in Table 1 below.

Table 1. Cardinal Contractors, Inc. Bid Price	
Phase 1 Bid Items	\$9,079,050.00
Phase 2 Bid Items	\$102,075,910.00
Miscellaneous Work Allowance/Contingency	\$3,000,000.00
Unforeseen Utility Locates or Break Repair	\$250,000.00
Consideration for Indemnification	\$10.00
Grand Total Base Bid	\$114,404,970.00

There were no alternate bid items for this project.

Addenda Verification for Cardinal Contractors, Inc.

Addendum 1 to Addendum 9 Acknowledgement: Complete; no exceptions taken.

Additional Documents Verification for Cardinal Contractors, Inc.

Signed Bid Form: Complete; no exceptions taken.

Surety: Bid bond from Western Surety Company provided in the amount of ten percent (10%) of the bid proposal.

Contractor's Qualification Statement: The Contractor provided two General Contractor Licenses (CGC15228398 and CGC1529337) which meets the requirement for information provided by bidders.

Insurance Certificate: \$4,000,000 general liability, \$2,000,000 automobile combined single accident, \$10,000,000 umbrella liability, \$1,000,000 workers' compensation and employer's liability, and \$10,000,000 contractor's pollution liability. No exceptions taken.

List of Subcontractors: Complete; no exceptions taken.

Trench Safety Act Form: Complete; no exceptions taken.

Reference Checks: Brown and Caldwell attempted to conduct reference checks on the seven references provided by Cardinal Contractors, Inc. After multiple attempts to contact each reference, Brown and Caldwell was successful in engaging five of the listed projects to receive feedback. The reference projects are listed below:

1. Lake Charles Cracker Project – Fluor Technip Integrated (**Unable to reach this reference for verification**)
2. Valrico AWTP Expansion – Hillsborough County (**Unable to reach this reference for verification**)
3. Sawgrass WWTP – City of Sunrise (**See attached reference form in Attachment A**)
4. New 59th Street Pump Station – City of Galveston (**See attached reference form in Attachment A**)
5. Optimization and Improvements Design-Build – Palm Beach County (**See attached reference form in Attachment A**)
6. SWWRF Lake Filtration System – Manatee County (**See attached reference form in Attachment A**)
7. G.T. Lohmeyer 54th Force Main Emergency Replacement – City of Fort Lauderdale (**See attached reference form in Attachment A**)

Qualification Checks: Brown and Caldwell conducted checks on the required qualifications listed in Specification 00 42 00 Item (below). The following list contains the requirement and the project that Cardinal Contractors indicated satisfies the requirement.

- A) One project demonstrating experience with large pump stations with a total construction value of greater than \$50 million (**Projects 1 and 2**) and three projects demonstrating experience with large pump stations having a total construction of greater than \$15 million (**Projects 3, 4, 5**) performed within the past 10 years
 - a. Brown and Caldwell was able to verify that Projects 3,4, and 5 satisfy the qualification requirement. Upon review, Projects 1 and 2 appears to satisfy the qualification requirement but they were unable to be reached for final verification.
- B) One project demonstrating experience with pumps that are greater than 400 HP that has been performed in the past 12 years (**Project 4**).

- a. Brown and Caldwell verified that the project listed above satisfies the qualification requirement.
- C) One project demonstrating experience with generators that are greater than 1200 kW that has been performed in the past 10 years (**Project 4**).
 - a. Brown and Caldwell verified that the project listed above satisfies the qualification requirement.
- D) Three projects demonstrating the project manager's experience with large pump station projects having a total construction value of greater than \$15 million performed within the past 10 years (**Projects 3, 4, and 5 and additional projects listed on Project Manager resumes**).
 - a. Brown and Caldwell verified that the projects listed above satisfy the qualification requirement.
- E) Three projects demonstrating experience constructing piping projects that include 16" or larger Ductile Iron Pipe with runs greater than 300 feet that have been performed within the past 10 years (**Projects 4,6, and 7**).
 - a. Brown and Caldwell verified that the projects listed above satisfy the qualification requirement.
- F) Three projects demonstrating the superintendent's experience constructing piping projects that include 16" or larger Ductile Iron Pipe with runs greater than 300 feet that have been performed within the past 10 years (**Projects 3, 4, and 5**).
 - a. Brown and Caldwell verified that the projects listed above satisfy the qualification requirement.
- G) Three projects demonstrating the electrical subcontractor's experience with medium or high voltage power supply systems performed within the last 10 years
 - a. Based on our experience with Loveland Electric and the attachments provided in the bid submittal, Brown and Caldwell agrees that the qualifications are met.
- H) Two projects demonstrating the electrical subcontractor lead electrician's experience with medium or high voltage power supply systems performed within the last 10 years
 - a. Based on our experience with Loveland Electric and the attachments provided in the bid submittal, Brown and Caldwell agrees that the qualifications are met.

Offer of Savings: Cardinal Contractors, after working closely with the City and Brown and Caldwell, has provided an offer of savings letter that can be found in Attachment B. The proposed savings are as follows:

- Flexible Ball Joints – delete all and replace with 2 MJ or Factory Restrained Joints (**\$940,000 cost reduction**).

- Butterfly Valve Change – delete rubber lined disc and rubber lined body. Replace with epoxy lined body and 316ss disc (**\$1,155,000 cost reduction**).
- Temporary Piping – furnish and install temporary piping to connect existing deep injection well pump station to Deep Injection Wells 3 & 4. This pricing is based on connection to the new magnetic flow meters at DIW 3 & 4 OR utilizing an owner-furnished strap on meter. Cardinal Contractors is willing to provide data loggers with the temporary piping at no additional cost to the City if required by FDEP.

Recommendation: Brown and Caldwell recommends Cardinal Contractors, Inc. to be awarded the City of Hollywood Deep Injection Well No. 3 and No. 4 Pump Station project by the City of Hollywood in the amount of \$112,299,970.00. This final total includes the grand total base bid from the original submittal minus the offer of savings items listed above.

We trust this provides the City of Hollywood with the information needed to move forward with an award for the project. Please do not hesitate to contact us if there are any questions.



Very truly yours,

Brown and Caldwell

Marie Burbano, Ph.D., P.E., Project Engineer

cc: Otis Thomas, City of Hollywood Financial Services Department
 Wilhelmina Montero, P.E., City of Hollywood Department of Public Utilities
 Gui DeReamer, P.E., Brown and Caldwell
 Celia Earle, Ph.D., Brown and Caldwell
 Nigel Grace, P.E., Brown and Caldwell
 Mark Harber, P.E., Brown and Caldwell
 Diego Herrera, P.E., Brown and Caldwell
 Sydney Salit, E.I., Brown and Caldwell
 Eli Tilen, P.E., Brown and Caldwell

Attachments (2)

1. Attachment A: Cardinal Contractors Reference Check Forms
2. Attachment B: Cardinal Contractors Proposed Value Engineering / Offer of Savings Letter

Attachment 1
Cardinal Contractors Reference Check Forms



VENDOR REFERENCE VERIFICATION FORM

City of Hollywood Solicitation No. and Title: Bid no. F-4696-21-OT DIW No.3 and No.4 Pump Station
Reference for: Cardinal Contractors, Inc.

Organization/Firm Name providing reference: City of Sunrise
Organization/Firm Contact Name: Guarionex de los Santos Title: Project Manager
Email: gdelossantos@sunrisefl.gov Phone: 786-419-3570
Name of Referenced Project: Sawgrass WWTP HLD Contract No: 5017SG
Date Services were provided: 2015 - 2020 Project Amount: \$15M
Referenced Vendor's role in Project: ☒ Prime Vendor ☐ Subcontractor/ Subconsultant
Would you use the Vendor again? ☒ Yes ☐ No. Please specify in additional comments

Description of services provided by Vendor:

High disinfection level (HLD) system for the Sawgrass WWTP located in the heart of the City of Sunrise. Will provide reuse flow for irrigation to the surrounding facilities, businesses, and others in the near future.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timeliness of:				
a. Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide additional sheet if necessary)

****THIS SECTION FOR CITY USE ONLY****						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input checked="" type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:	Diego Herrera, P.E.			Title:	Project Manager
	Department:	Brown and Caldwell			Date:	2-2-2022



VENDOR REFERENCE VERIFICATION FORM

City of Hollywood Solicitation No. and Title: Bid no. F-4696-21-OT DIW No.3 and No.4 Pump Station
Reference for: Cardinal Contractors, Inc.

Organization/Firm Name providing reference: City of Galveston, TX
Organization/Firm Contact Name: Trino Pedrazas Title: Utilities Director
Email: tpedraza@galvestontx.gov Phone: 409-797-3683
Name of Referenced Project: New 59th St P.S. Contract No: Could not confirm
Date Services were provided: 2015 -2019 Project Amount: \$21M
Referenced Vendor's role in Project: ☒ Prime Vendor ☐ Subcontractor/ Subconsultant
Would you use the Vendor again? ☒ Yes ☐ No. Please specify in additional comments

Description of services provided by Vendor:

Demo of and existing PS and install of a brand new one, yard piping, 400 HP pumps, structures, electrical, and chemical systems.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timeliness of:				
a. Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide additional sheet if necessary)

Contractor had issues with the project. It seems that the design was "poorly performed" and the project got delayed several months.

****THIS SECTION FOR CITY USE ONLY****

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input checked="" type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:	<u>Diego Herrera, P.E.</u>			Title:	<u>Project Manager</u>
	Department:	<u>Brown and Caldwell</u>			Date:	<u>2-2-2022</u>



VENDOR REFERENCE VERIFICATION FORM

City of Hollywood Solicitation No. and Title: Bid no. F-4696-21-OT DIW No.3 and No.4 Pump Station
 Reference for: Cardinal Contractors, Inc.

Organization/Firm Name providing reference: City of Fort Lauderdale
 Organization/Firm Contact Name: John Evans Title: PM
 Email: john.k.evans@mwhconstructors.com Phone: 813-335-6170
 Name of Referenced Project: Opt & Improv. Design-Build Project WUD 14-071 Contract No: Could not confirm
 Date Services were provided: 2013 - 2016 Project Amount: \$16M
 Referenced Vendor's role in Project: ☒ Prime Vendor ☐ Subcontractor/ Subconsultant
 Would you use the Vendor again? ☒ Yes ☐ No. Please specify in additional comments

Description of services provided by Vendor:
Repl. and insatll of 350 HP pumps at WTP No.8. HSP expansion of new 350 HP pumps, new VFDs, piping, structural work, large electrical components.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide additional sheet if necessary)

****THIS SECTION FOR CITY USE ONLY****						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input checked="" type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:	Diego Herrera, P.E.			Title:	Project Manager
	Department:	Brown and Caldwell			Date:	2-4-2022



VENDOR REFERENCE VERIFICATION FORM

City of Hollywood Solicitation No. and Title: Bid no. F-4696-21-OT DIW No.3 and No.4 Pump Station
Reference for: Cardinal Contractors, Inc.

Organization/Firm Name providing reference: Manatee County Public Works
Organization/Firm Contact Name: Anthony Benitez Title: Project Engineer
Email: anthony.benitez@mymanatee.org Phone: 941-78-7450 x7333
Name of Referenced Project: SWWRF N Pond and Lake Filtration System Contract No: Could not confirm
Date Services were provided: 2012-2014 Project Amount: \$13M
Referenced Vendor's role in Project: ☒ Prime Vendor ☐ Subcontractor/ Subconsultant
Would you use the Vendor again? ☒ Yes ☐ No. Please specify in additional comments

Description of services provided by Vendor:
Constructed over 500 feet of 26-inch DIP for a lined 64 million gallon reclaimed water storage pond

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timeliness of:				
a. Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide additional sheet if necessary)
Cardinal was a very competent contractor that performed well on this project with the County.

****THIS SECTION FOR CITY USE ONLY****						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input checked="" type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:	Sydney Salit			Title:	Staff Engineer
	Department:	Brown and Caldwell			Date:	2-3-2022



VENDOR REFERENCE VERIFICATION FORM

City of Hollywood Solicitation No. and Title: Bid no. F-4696-21-OT DIW No.3 and No.4 Pump Station
 Reference for: Cardinal Contractors, Inc.

Organization/Firm Name providing reference: City of Fort Lauderdale
 Organization/Firm Contact Name: Timothy O'Neil Title: N/A
 Email: oneiltj@cdmsmith.com Phone: 954-319-3076
 Name of Referenced Project: G.T. Lohmeyer 54" FM Emergency Rpl. w/48" Contract No: Could not confirm
 Date Services were provided: 03/2012 - 11/2012 Project Amount: \$700,000
 Referenced Vendor's role in Project: ☒ Prime Vendor ☐ Subcontractor/ Subconsultant
 Would you use the Vendor again? ☒ Yes ☐ No. Please specify in additional comments

Description of services provided by Vendor:
Removal of 54-inch DI pipe FM and install 1,400 LF of new 18-inch DI pipe FM in the same stretch, replacement of exist. 12-inch, 24, inch, and 45-inch FM connections. Assembly if new air release valves and the replacement of exist. hydrogen peroxide piping and injection assemblies.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide additional sheet if necessary)

****THIS SECTION FOR CITY USE ONLY****						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input checked="" type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:	Diego Herrera, P.E.			Title:	Project Manager
	Department:	Brown and Caldwell			Date:	2-2-2022

Attachment 2

Cardinal Contractors Proposed Value Engineering / Offer of Savings Letter



February 8, 2022

Mr. Otis Thomas
Senior Purchasing Agent
City of Hollywood
Financial Services
P.O. Box 229045
Hollywood, FL 33022-9045
E-mail: OTHOMAS@hollywoodfl.org

RE: **HOLLYWOOD DIW PUMP STATION BID
PROPOSED VALUE ENGINEERING / OFFER OF SAVINGS**

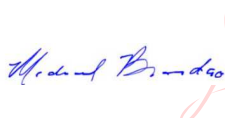
Dear Mr. Thomas

Thank you for the opportunity to submit savings opportunities to the City of Hollywood for the subject project. As a follow up to our meeting earlier today, Primoris offers the following savings as itemized below:

- Flexible Ball Joints - delete all and replace with 2 MJ or Factory Restrained Joints \$950,000 cost reduction
- Butterfly Valve change - delete rubber lined disc and rubber lined body - replace with epoxy lined body and 316ss disc. \$1,155,000 cost reduction
- Temporary piping – Furnish and install temporary piping to connect existing deep injection well pump station to Deep Injection Wells 3 & 4. This pricing is based on connecting to the new magnetic flow meters at DIW 3 & 4 OR utilizing an owner-furnished strap on meter. We are willing to provide data loggers with the temporary piping at no additional cost to City of Hollywood if required by DEP. \$0.00 no charge

Respectfully,

Cardinal Contractors, Inc.

 Digitally signed by Michael Brandao
DN: cn=Michael Brandao,
o=Cardinal Contractors, Inc.,
ou=Primoris Water & Mechanical,
email=mbrandao@prim.com, c=US
Date: 2022.02.09 16:59:26 -05'00'

Michael Brandao
Vice President

1580 Sawgrass Corporate Parkway, Suite 400
Sunrise, FL 33323

Phone: 954-200-7233
Fax: 954-200-7612



February 10, 2022

Jeff Jiang, P.E.
Assistant Director - ECSD
P.O. Box 229045
Hollywood, FL 33022-9045

BID 19-9119A/155007

Subject: City of Hollywood Deep Injection Well No. 3 and No. 4 Pump Station
Bid Submittal Justification and Recommendation

Dear Mr. Jiang:

The purpose of this letter is to explain the situation surrounding the single bidder for the Deep Injection Well Pump Station Project (BID 19-9119A), a justification for bid price being higher than the Opinion of Probable Construction Cost, and an overall recommendation from Brown and Caldwell as to the best way to proceed with award.

As you are aware, only one (1) bid was received for the project – Cardinal Contractors. Although we anticipated additional bidders during the early stages of the bid process, it has been brought to our attention recently that the combination of challenging market conditions (and associated risks), constrained personnel resources and a very active environment for major utility infrastructure projects have resulted in contractors with stretched resources limiting the number of new projects pursued in the region. Cardinal Contractors has successfully completed utility projects for several municipalities throughout Florida and Brown and Caldwell has found their recent work history and performance to be in line with the requirements for this project.

The challenging market conditions, specifically labor and materials shortages and excessive delivery lead times have also led to widely publicized cost inflation. In some cases, suppliers are unwilling to guarantee their prices to Contractors. Across the industry, the risks borne by contractors have increased recently as several suppliers, for example controls, structural subcontractors, and fabricators, are unwilling or unable to hold their quoted prices for the duration of the project contract. Collectively, these forces drive unpredictable cost increases that is ultimately reflected in higher bid prices, which in the case of this solicitation, exceeded the Engineer's OPCC. It is currently unknown when these continuing pricing pressures will abate.

A compounding challenge is the fact that Hollywood has critical compliance milestones that must also be achieved for a successful project outcome. The supply chain constraints that have limited the availability of various materials and equipment could also impact the ability to achieve the City's key delivery milestones. Additionally, impending Buy American requirements that are scheduled to become effective in April 2022 will unquestionably lead to a considerably higher overall project cost. Specifically, some of the equipment necessary to the design, for example the strainers, may end up as sole source if the Buy American requirement takes effect because competitor manufacturers

do not have factories in the United States and will therefore not be allowed. Consequently, it is important that the City take steps to keep forward momentum on the delivery of this major component of its efforts to comply with the requirements of the Ocean Outfall Legislation.

Had the above-mentioned complications not been the case, this single bidder scenario may have led to discussions of re-bidding. However, for the indicated reasons, it is Brown and Caldwell's opinion that rebidding this project would not serve the best interest of the City of Hollywood..

The impact of market conditions and risk allocation is dynamic and difficult to predict. The willingness of Cardinal Contractors to work with the City to reassess certain costs has the potential to bring the City savings and decrease risk to both parties. It is noted that Cardinal Contractors is a qualified contractor for a project of this scale and the impact of any rebid effort on price and competition is unpredictable.

If you have any questions or need anything further from us, please feel free to contact me.

Very truly yours,

Brown and Caldwell



Marie Burbano, Ph.D., P.E., Project Engineer

cc: Otis Thomas, City of Hollywood Financial Services Department
Wilhelmina Montero, P.E., City of Hollywood Department of Public Utilities
Gui DeReamer, P.E., Brown and Caldwell
Celia Earle, Ph.D., Brown and Caldwell
Nigel Grace, P.E., Brown and Caldwell
Mark Harber, P.E., Brown and Caldwell
Diego Herrera, P.E., Brown and Caldwell
Sydney Salit, E.I., Brown and Caldwell
Eli Tilen, P.E., Brown and Caldwell