

# Memorandum



**Date:** December 12, 2023

**To:** Honorable Chairman Oliver G. Gilbert, III  
and Members, Board of County Commissioners

**From:** Daniella Levine Cava  
Mayor

A handwritten signature in blue ink that reads "Daniella Levine Cava".

Agenda Item No. 8(O)(5)

**Subject:** Resolution Ratifying the action to Reject all Bids and Re-Advertise Construction Contract W-951 – Alexander Orr Water Treatment Plant West High Service Pump and Motor Improvements East and West Room Electrical Upgrades - VFD (16013) and related to Miami-Dade Water and Sewer Department’s Consent Decree and Capital Improvement Programs Acceleration Ordinance

---

## **Executive Summary**

This item seeks ratification of the Miami-Dade Water and Sewer Department’s rejection of all bids for Construction Contract W-951 - Alexander Off Water Treatment Plant West High Service Pump and Motor Improvements East and West Room Electrical Upgrades – Variable Frequency Drives (VFD) (16013). The bids received were nearly three (3) times the Engineer of Record’s (EOR’s) estimate and the EOR concluded that the bids were too high for the scope of work. It is the intent to review the original solicitation, investigate the discrepancy between the bids and the estimate, and re-advertise the project incorporating any necessary changes.

## **Recommendation**

Pursuant to the Miami-Dade Water and Sewer Department (WASD) Consent Decree and Capital Improvement Programs Acceleration Ordinance, Section 2-8.2.12 of the Code of Miami-Dade County, it is recommended that the County Mayor or County Mayor’s designee ratify this recommendation to reject all bids received by WASD in response to the May 11, 2023, solicitation for Contract No. W-951 and re-advertise the project.

## **Capital Improvement Project**

This project is for the electrical and mechanical upgrades, including replacement of motors and pumps, at the West High Service Pump Room in the Alexander Orr Water Treatment Plant (AOWTP). These electrical and mechanical upgrades are needed as part of the Water Reset Program for the renewal and replacement of equipment that has reached the end of its useful life, as well as to implement more advanced and efficient technology to provide more resilient and sustainable water service.

**Item 1** –Ratification of the rejection of all bids of Construction Contract W-951 for the upgrade of the electrical system and mechanical equipment of the West High Service Pump Room at AOWTP. The contract bids were rejected on August 11, 2023, and attested by the Clerk’s Office on August 11, 2023.

**SCOPE**

As shown on Exhibit A, which provides basic information about this item, the Project is in District 6, which is represented by Commissioner Kevin Marino Cabrera.

**Delegation of Authority**

This contract was rejected pursuant to Section 2-8.2.12 of the Miami-Dade County Code related to WASD's Acceleration Ordinance, which delegates authority to the County Mayor or County Mayor's designee to reject certain projects, and among other things, negotiate and settle claims, and execute change orders that do not exceed ten percent (10%) of the base contract amount, subject to ratification by the Board.

**Track Record/Monitoring**

WASD's Deputy Director of Planning, Regulatory Compliance & Capital Infrastructure, Marisela Aranguiz-Cueto, will oversee the implementation of this project.

**Due Diligence/Safety Information**

Due diligence was conducted by WASD on the bids, there was no review by the Internal Services Department (ISD) Small Business Division.

**Fiscal Impact / Funding Source**

There is no fiscal impact to the County for the rejection of bids.

**Background**

On September 3, 2014, the Board approved Ordinance No. 14-77 authorizing the County Mayor or County Mayor's designee to award contracts for funded capital projects and related goods and services, to reject bids and proposals received in connection with any competitive Procurement, and to accelerate the approval of WASD's (1) Consent Decree projects and (2) projects identified in WASD Multi-Year Capital Plan's Capital Improvement Program without the need for prior Board approval but subject to ratification by the Board.

On August 2, 2023, WASD received two (2) bids for W-951 in response to a solicitation advertised on May 11, 2023. The low bid of \$35,001,750.00 was nearly three (3) times more than the engineer's estimate of \$12,631,865.16. The Engineer of Record reviewed the bids, concluded that the bid was too high for the scope of work involved, and recommended rejecting all bids.

It is in the best interest of the County to reject all bids, review the solicitation, investigate the discrepancy between the bids and the estimate, and re-advertise the project incorporating any necessary changes.

Exhibit A includes the details of the competitive bid for which ratification of the rejection of all bids is being requested. Exhibit A contains the information bulleted below for the contract bid rejection:

- Item Number
- Department Name
- Type of Solicitation
- Contract Type
- Contract No. / Project No.

Honorable Chairman Oliver G. Gilbert, III  
and Members, Board of County Commissioners  
Page 3

- Project Name
- Commission District
- Brief Project Description

Attached as Exhibit B is the recommendation to Reject all Bids and Re-Advertise the contract referenced in Item No. 1 in this memorandum.

Attachments



---

Jimmy Morales  
Chief Operations Officer



**MEMORANDUM**  
(Revised)

**TO:** Honorable Chairman Oliver G. Gilbert, III  
and Members, Board of County Commissioners

**DATE:** December 12, 2023

**FROM:**   
Gen Bonzon-Keenan  
County Attorney

**SUBJECT:** Agenda Item No. 8(O)(5)

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. 8(O)(5)  
12-12-23

RESOLUTION NO. \_\_\_\_\_

RESOLUTION RATIFYING REJECTION OF ALL BIDS AND RE-ADVERTISING OF CONSTRUCTION CONTRACT FOR HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST AND WEST ROOM ELECTRICAL UPGRADES – VFD (16013), CONTRACT NO. W-951, PURSUANT TO SECTION 2-8.2.12 OF THE CODE OF MIAMI-DADE COUNTY, MIAMI-DADE WATER AND SEWER DEPARTMENT’S CONSENT DECREE AND CAPITAL IMPROVEMENT PROJECTS ACCELERATION ORDINANCE

**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:

**Section 1.** Approves the foregoing whereas clause and incorporation the same here as if fully set forth herein.

**Section 2.** Ratifies the Rejection of all Bids and Re-Advertising of Construction Contract for High Service Pump and Motor Improvements East and West Room Electrical Upgrades – VFD (16013), Contract No. W-951, pursuant to section 2-8.2.12 of the Code of Miami-Dade County, Miami-Dade Water and Sewer Department’s Consent Decree and Capital Improvement Projects Acceleration Ordinance, as set forth in the accompanying memorandum.

The foregoing resolution was offered by Commissioner \_\_\_\_\_, who moved its adoption. The motion was seconded by Commissioner \_\_\_\_\_ and upon being put to a vote, the vote was as follows:

Oliver G. Gilbert, III, Chairman  
Anthony Rodríguez, Vice Chairman

Marleine Bastien	Juan Carlos Bermudez
Kevin Marino Cabrera	Sen. René García
Roberto J. Gonzalez	Keon Hardemon
Danielle Cohen Higgins	Eileen Higgins
Kionne L. McGhee	Raquel A. Regalado
Micky Steinberg	

The Chairperson thereupon declared this resolution duly passed and adopted this 12<sup>th</sup> day of December, 2023. 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

JUAN FERNANDEZ-BARQUIN, CLERK

By: \_\_\_\_\_  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.



Angela F. Benjamin



Exhibit B

Memorandum



**Date:** August 10, 2023  
**To:** Roy Coley, Director  
Water and Sewer Department  
**From:** Marisela Aranguiz-Cueto, P.E., *myac*  
Deputy Director of Planning, Regulatory Compliance, and Capital Infrastructure  
Water and Sewer Department  
**Subject:** Request to Reject all Bids and Re-Advertise Contract No. W-951, High Service Pump and Motor Improvements East and West Room Electrical Upgrades - VFD (16013)

**RECOMMENDATION:**

Pursuant to the Miami-Dade Water and Sewer Department (WASD) Consent Decree and Capital Improvement Programs Acceleration Ordinance, Section 2-8.2.12 of the Code of Miami-Dade County, it is recommended that the County Mayor or County Mayor's designee approve this recommendation to reject all bids received by WASD in response to the May 11, 2023 solicitation for Contract No. W-951 and re-advertise the project.

**DELEGATION OF AUTHORITY:**

The County Mayor or County Mayor's designee is authorized to reject bids pursuant to the provisions of Section 2-8.2.12 (4)(b) of the Code of Miami-Dade County.

**PROJECT NAME:**

W-951, High Service Pump and Motor Improvements East and West Room Electrical Upgrades - VFD (16013)

**PROJECT DESCRIPTION:**

The project scope of work is to upgrade the electrical system and mechanical equipment of the West High Service Pump Room at AOWTP. The project period is 345 calendar days to Substantial Completion and 400 calendar days to Final Completion, with a 40 calendar day time contingency allowance.

**PROJECT LOCATION:**

This project impacts District 6, which is represented by Commissioner Kevin Marino Cabrera. The project scope of work is to upgrade the electrical system and mechanical equipment of the West High Service Pump Room at AOWTP. The project period is 345 calendar days to Substantial Completion and 400 calendar days to Final Completion, with a 40 calendar day time contingency allowance.

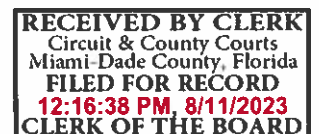
**FISCAL IMPACT / FUNDING SOURCE:**

There is no fiscal impact to the County for the rejection of bids

**TRACK RECORD / MONITOR/ SBD HISTORY OF VIOLATIONS:**

Due diligence was conducted by WASD on the bids, there was no review by the Internal Services Department Small Business Division.

The balance of this page is intentionally left blank



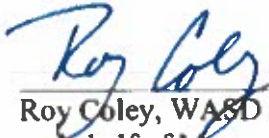


**EXPLANATION:**

On August 2, 2023, WASD received two (2) bids for W-951 in response to a solicitation advertised on May 11, 2023. As shown below, the low bidder was nearly three (3) times more than the engineer's estimate. The Engineer of Record has reviewed the bids and recommended rejecting all bids.

<b>Engineer's Estimate</b>	<b>Poole &amp; Kent Company of Florida</b>	<b>MCM</b>
\$12,631,865.16	\$35,001,750.00	\$41,598,582.83

It is in the best interest of the County to reject all bids, review the solicitation, investigate the discrepancy between the bids and the estimate, and re-advertise the project incorporating any necessary changes.



Roy Coley, WASD Director  
on behalf of Mayor Daniella Levine Cava

8-11-23  
DATE

**From:** Camacho, Jorge  
**To:** Adams, Paul (WASD); Altamirano, Antoinette A. (WASD); Serrano, Luis (WASD); Brown, Hugh P. (WASD)  
**Cc:** Rodriguez, Jean-Marie (WASD); Diaz, William (WASD)  
**Subject:** RE: W-951 EOR Recommendation  
**Date:** Tuesday, August 8, 2023 5:02:26 PM  
**Attachments:** image001.png  
image003.png

EMAIL RECEIVED FROM EXTERNAL  
SOURCE

Hola Paul, I have been working with our Senior Electrical Estimator. I will provide an official response tomorrow. But yes, all bids need to be rejected.

**Jorge I. Camacho, PE, ENV SP**  
*Pronouns he/him*  
Senior Project Manager

**HDR**  
8333 NW 53<sup>rd</sup> Street, Suite 302  
Doral, Florida 33166  
D 786 264 3863 M 787 409 8540

[Jorge.Camacho@HDRINC.com](mailto:Jorge.Camacho@HDRINC.com)

[hdrinc.com/follow-us](https://hdrinc.com/follow-us)

**From:** Adams, Paul (WASD) <Paul.Adams@miamidade.gov>  
**Sent:** Tuesday, August 8, 2023 5:00 PM  
**To:** Camacho, Jorge <Jorge.CamachoMonserrate@hdrinc.com>; Altamirano, Antoinette A. (WASD) <Antoinette.Altamirano@miamidade.gov>; Serrano, Luis (WASD) <Luis.Serrano@miamidade.gov>; Brown, Hugh P. (WASD) <Hugh.Brown@miamidade.gov>  
**Cc:** Rodriguez, Jean-Marie (WASD) <Jean-Marie.Rodriguez@miamidade.gov>; Diaz, William (WASD) <William.Diaz@miamidade.gov>  
**Subject:** RE: W-951 EOR Recommendation

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon Jorge

Just following up on your conclusions regarding the bid. Should we be rejecting all bids?

*Paul*

**Paul F. Adams**  
Chief, Construction Contracts Division  
Miami-Dade Water and Sewer Department  
3071 SW 38 Ave., Suite 107, Miami, Florida 33146  
Office: (786) 552-8178 Cell: 786-863-9425  
[www.miamidade.gov/water](http://www.miamidade.gov/water)

MDC010

**From:** Camacho, Jorge <Jorge.CamachoMonserate@hdrinc.com>  
**Sent:** Thursday, August 3, 2023 7:36 AM  
**To:** Altamirano, Antoinette A. (WASD) <Antoinette.Altamirano@miamidade.gov>; Serrano, Luis (WASD) <Luis.Serrano@miamidade.gov>; Brown, Hugh P. (WASD) <Hugh.Brown@miamidade.gov>  
**Cc:** Adams, Paul (WASD) <Paul.Adams@miamidade.gov>; Rodriguez, Jean-Marie (WASD) <Jean-Marie.Rodriguez@miamidade.gov>; Diaz, William (WASD) <William.Diaz@miamidade.gov>  
**Subject:** RE: W-951 EOR Recommendation

EMAIL RECEIVED FROM EXTERNAL SOURCE

Received. These costs are outrageous! I sent the bid tally to our Senior Electrical Cost Estimator and he will provide me his analysis on Monday. But again, the costs presented are NOT a real representation of the scope included in this project.

**Jorge I. Camacho**, PE ENV SP  
*Pronouns: he/him*  
Senior Project Manager

**HDR**  
8333 NW 53<sup>rd</sup> Street, Suite 302  
Doral, Florida 33166  
D 786.264 3863 M 787 409 8540

[Jorge.Camacho@HDRINC.com](mailto:Jorge.Camacho@HDRINC.com)

[hdrinc.com/follow-us](https://hdrinc.com/follow-us)

**From:** Altamirano, Antoinette A. (WASD) <Antoinette.Altamirano@miamidade.gov>  
**Sent:** Wednesday, August 2, 2023 3:26 PM  
**To:** Serrano, Luis (WASD) <Luis.Serrano@miamidade.gov>; Camacho, Jorge <jorge.camachomonserate@hdrinc.com>; Brown, Hugh P. (WASD) <Hugh.Brown@miamidade.gov>  
**Cc:** Adams, Paul (WASD) <Paul.Adams@miamidade.gov>; Rodriguez, Jean-Marie (WASD) <Jean-Marie.Rodriguez@miamidade.gov>; Diaz, William (WASD) <William.Diaz@miamidade.gov>; Altamirano, Antoinette A. (WASD) <Antoinette.Altamirano@miamidade.gov>  
**Subject:** W 951 EOR Recommendation

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

Attached please find the bid submission from the Poole & Kent on W-951 along with the bid tally. I have also attached the bid proposal for MCM for your review. Please provide the EOR review and recommendation letter as soon as possible.

Thank you,

**Antoinette Altamirano**, Construction Contracts Specialist

Construction Contracts Division  
**Miami-Dade Water and Sewer Department**  
3071 SW 38 Avenue, Suite 107-05, Miami, Florida 33146  
Email: [antoINETte.altamirano@miamidade.gov](mailto:antoINETte.altamirano@miamidade.gov)  
Office: 786-552-8396



# Memo

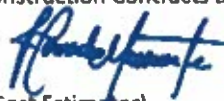
Date: Thursday, August 10, 2023

Project: W-951 (16013) - High Service Pump and Motor Improvements Eastand West Room Electrical Upgrades

To: Luis Serrano, PE (WASD PM)

Paul Adams (WASD - Chief, Construction Contracts Division)

From: Jorge Camacho, PE (HDR PM)



Trooper Shaw (HDR – Senior Cost Estimator)

Subject: W-951 – High Service Pump and Motor Improvements Eastand West Room Electrical Upgrades – Bid Review

HDR has completed the evaluation of the bid tally provided by WASD for the project in the subject, where only two (2) contractors participated. A project of this magnitude is not normal to have such small participation, especially when the compulsory pre-bid site visit was attended by many different companies. On top of that during the bid process we were able to answer multiple questions from different companies that were interested in this project.

HDR evaluated the bid tally, item by item and the difference between the two bidders was significant. We took a look back to the costs provided and we were able to capture an increment in some electrical components, labor and supply change related items. This new evaluation would add approximately \$4M on top of the \$12.6 M included in the bid documents. But there's no justification for an increment to \$35M or \$41M as presented by Poole and Kent Company of Florida and MCM, respectively.

HDR is recommending to reject these bid results and re-bid the project again. HDR will review the qualification requirements to open this bid to a wider group of Contractors without jeopardizing the quality of the work.

Attachment: Bid Tally – with comments from HDR

W-951 Bid Tally

Project:	14413 - High Service Pump and Motor Improvements Eastland Wheel Room Electrical Upgrades - VFD		Engineer's Estimate				Pools & Kent Company of Florida		MCM		HDR comments
			Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
Bid Open Date:	08.02.2023 7:30 PM						Wendy Campbell wendyc@pkcf.com 33433281830		Sebastian Looe sl00r@mcm-us.com		
Base Bid	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost		
001	For performing preparatory work including setting up temporary facilities, preparing shop drawing submittals, and the mobilization to the Project site of the CONTRACTOR's construction equipment, supplies, materials, personnel, safety equipment and first aid supplies, etc., including the costs of bonds, required insurance, and other preconstruction expenses, but excluding the costs of materials which are paid under other bid items, complete, the aggregate sum of	1	AS	300,000.00	300,000.00	2,800,000.00	2,800,000.00	3,677,609.67	3,677,609.67	877 K variance between two bidders.	
002	For the demolition of the existing pump motors, transformers, and associated materials, complete, the aggregate sum of	1	AS	213,158.74	213,158.74	725,000.00	725,000.00	402,800.00	402,800.00	300 K variance between two bidders	
003	For all general site civil work, complete, the aggregate sum of	1	AS	60,000.00	60,000.00	1,400,000.00	1,400,000.00	450,000.00	450,000.00	950 K variance between two bidders	
004	For furnishing and installing the prefabricated electrical building, complete, the aggregate sum of	1	AS	3,159,220.00	3,159,220.00	4,300,000.00	4,300,000.00	4,226,800.00	4,226,800.00	It would appear some additional cost came into play in the time between the estimate and bid. Roughly one year and three months.	
005	For furnishing and installing new 10MVA transformer T4 complete with liquid containment, primary and secondary ductbanks, cables and connections as required in the Contract Drawings and Specifications.	1	AS	407,520.00	407,520.00	900,000.00	900,000.00	1,963,400.00	1,963,400.00	1 M variance between two bidders. Quote provided to engineer was 350K each	
006	For furnishing and installing remaining electrical equipment, complete, the aggregate sum of	1	AS	3,893,410.00	3,893,410.00	7,000,000.00	7,000,000.00	5,322,200.00	5,322,200.00	Over 1,677,800.00 variance (that) would make one think limited competition of electrical bidders, excessive equipment values and higher than anticipated markups	
007	For furnishing and installing new vacuum priming pump system and associated process equipment, complete, the aggregate sum of	4	EA	24,000.00	96,000.00	150,000.00	600,000.00	187,100.00	748,400.00	Significant difference from the quotation received by HDR Team	
008	For all the structural work associated with construction, and all other necessary structural components, complete the aggregate sum of	1	AS	64,000.00	64,000.00	1,900,000.00	1,900,000.00	500,000.00	500,000.00	1,400,000.00 variance between bidders. Structural work in this project is minor slab for POC and transformers, refurbish of motor base.	
009	For furnishing and installing all instrumentation and control equipment, complete, the aggregate sum of	1	AS	260,000.00	260,000.00	600,000.00	600,000.00	751,100.00	751,100.00		
010	For furnishing and installing all heat ventilation air conditioning (HVAC) equipment, complete, the aggregate sum of	1	AS	90,000.00	90,000.00	400,000.00	400,000.00	704,600.00	704,600.00	Seems very excessive given the cost obtained to provide this estimate	
011	For furnishing and installing four (4) 2000HP medium voltage induction motors and all its appurtenances, complete, the aggregate sum of	4	EA	281,400.00	1,125,600.00	2,000,000.00	8,000,000.00	795,000.00	3,180,000.00	Seems very excessive given the cost obtained to provide this estimate. Motor costs have soared in the last year and three months	

Project	18013 - High Service Pump and Motor Improvements Eastwood West Room Electrical Upgrades - VFD				Engineer's Estimate		Poole & Kent Company of Florida		MCM		HDR comments
					Wendy Campbell		Sebastian Loefer				
Bid Open Date	06.07.2021 1:30 PM				www.pok.com		www.mcm-us.com				
Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost			
012	1	AS	877,213.00	877,213.00	1,000,000.00	1,000,000.00	13,193,100.00	13,193,100.00	Engineer had received a quote of 860K so this variance especially between bidders is hard to calculate		
013	1	AS	150,000.00	150,000.00	300,000.00	300,000.00	87,100.00	87,100.00	Over 200 K variance between bidders Double of engineers estimate is hard to calculate		
014	1	AS	75,000.00	75,000.00	150,000.00	150,000.00	50,000.00	50,000.00	Over 100 K variance between bidders Double of engineers estimate is hard to calculate		
015	1	AS	407,520.00	407,520.00	900,000.00	900,000.00	1,555,800.00	1,555,800.00	Over 655 K variance between bidders Double of engineers estimate is hard to calculate		
<b>Base Bid Cost Total</b>				<b>11,178,844.17</b>		<b>20,975,000.00</b>		<b>34,819,999.00</b>			
<b>Dedicated Allowance</b>											
500	1	AS	335,359.25	335,359.25	929,250.00	929,250.00	1,104,382.20	1,104,382.20	Calculation is driven by bottom line		
<b>Dedicated Allowance Cost Total</b>				<b>335,359.25</b>		<b>929,250.00</b>		<b>1,104,382.20</b>			
<b>Contingency</b>											
900	1	AS	1,117,864.17	1,117,864.17	3,097,530.00	3,097,530.00	1,681,290.96	1,681,290.96	Calculation is driven by bottom line		
<b>Contingency Cost Total</b>				<b>1,117,864.17</b>		<b>3,097,530.00</b>		<b>1,681,290.96</b>			
<b>Total Contract</b>				<b>12,632,067.59</b>		<b>35,001,780.00</b>		<b>41,576,572.81</b>	<b>14,600,000.00</b>		