Coral Springs Improvement District Regular Meeting

Agenda

October 16, 2023

Coral Springs Improvement District

Meeting Agenda

Monday, October 16, 2023 at 4:00 p.m.

- 1. Call to Order
- 2. Approval of the Minutes of the September 18, 2023 Meeting
- 3. Audience Comments
- 4. Financials for September 2023
- 5. Consideration of Authorizing District Staff to Administratively Approve Certain Stormwater Management, ROW Utilization and Easement Encroachment Requests
- Consideration of a Request by Staff to Purchase a John Deere 310P Two Wheel Drive Backhoe at the Cost of \$121,401, Piggybacking Off the Florida Sherrif's Cooperative Purchasing Program Contract FSA23-EQU21:0 Equipment
- 7. Staff Requests Board Consideration of a Proposal from Gardner Denver Nash as the Sole Manufacturer and Repair Representative of Hoffman/Lamson and Invincible Centrifugal Blowers for Repairs to CSID Blower SN P004335 in the quoted amount of \$39,401 (*Staff also request to be allowed to approve repair of any hidden damage discovered and report back to the Board*)
- 8. Consideration of Proposed Development Review Fee Schedule
- 9. Consideration of Work Authorizations
 - A. Work Authorization #216 for Pump Station 1-LP Gas Tank Replacement for a Total Cost of \$49,110
 - B. Work Authorization #218 for Surge Protection Improvements for a Total Cost of \$49,188
- 10. Engineer's Report
- 11. Staff Reports
 - A. Manager Ken Cassel
 - i. Audit Committee Selection Process

- Appointment of Committee Members
- Establishment of RFP Evaluation Criteria
- Authorization to Proceed with RFP
- B. Department Reports
 - Operations David McIntosh
 - Utilities Update Joe Stephens
 - Utility Billing Customer Service Report Osmanny Larzabal (Report Provided)
 - Water Christian McShea (Report Provided)
 - Wastewater Mike Hosein (Report Provided)
 - Stormwater Shawn Frankenhauser (Report Provided)
 - Field Curt Dwiggins (Report Provided)
 - Maintenance Report Mike Percia (Report Provided)
 - Procurement Report Danielle Keira-Cancel (Report Provided)
 - Finance and Accounting Sue Beyer
 - Human Resources Jan Zilmer
 - Engineering Glen Hanks
 - Motion to Accept Department Reports
- C. Attorney
 - Consideration of Engagement Letter with Lewis Longman Walker for 2023-2024 Legislative Representation on Purchasing Threshold

12. Supervisors' Requests

13. Adjournment

*Next regular meeting scheduled for November 20, 2023

Second Order of Business

MINUTES OF MEETING CORAL SPRINGS IMPROVEMENT DISTRICT

The regular meeting of the Board of Supervisors of the Coral Springs Improvement District was held Monday, September 18, 2023 at 4:04 p.m. at the District Offices, 10300 NW 11th Manor, Coral Springs, Florida.

Present and constituting a quorum were:

Curt Tiefenbrun	President
Stephen Lytle	Vice President
Ben Groenevelt	Secretary
Also present were:	

Ken Cassel Seth Behn David McIntosh Joe Stephens Jan Zilmer Sue Beyer Rick Olson Curt Dwiggins Asad Hosein Christian McShea Afzal Hosein Osmanny Larzabal Danielle Keira-Cancel Glen Hanks Resident District Manager District Attorney Director of Operations Director of Utilities Human Resources Director of Finance and Accounting District Engineer Field Department Stormwater Department Water Department (Via Teams) Wastewater Department (Via Teams) Utility Billing and Customer Service Procurement Department (Via Teams) Engineering

The following is a summary of the discussions and actions taken.

FIRST ORDER OF BUSINESS

Call to Order

- Mr. Cassel called the meeting to order and called the roll.
- Mr. Cassel requested adding two items to the agenda: item 7A, Rostan Contract extension, and 7B, Hardening Grant contract and proposal.

On MOTION by Mr. Tiefenbrun seconded by Mr. Groenevelt with all in favor items 7A and 7B were added to the agenda as indicated above.

SECOND ORDER OF BUSINESS

Approval of the Minutes of the August 21, 2023 Meeting

On MOTION by Mr. Groenevelt seconded by Mr. Lytle with all in favor the minutes of the August 21, 2023 meeting were approved.

THIRD ORDER OF BUSINESS

• A resident expressed gratitude for the response to neighbors' concerns regarding vegetation mitigation efforts being done.

- There was discussion regarding concerns for the algae bloom.
- A resident commented on the stormwater resiliency project.

FOURTH ORDER OF BUSINESS

There being no questions or comments,

On MOTION by Mr. Lytle seconded by Mr. Groenevelt with all in favor the financials for August 2023 were approved.

FIFTH ORDER OF BUSINESS

Budget Public Hearing to Adopt Fiscal Year 2024 Water and Sewer Budget

A. Motion to Open Public Hearing

On MOTION by Mr. Groenevelt seconded by Mr. Lytle with all in favor the public hearing was opened.

B. Public Comments

There being no public comments, the next item followed.

C. Motion to Close Public Hearing

On MOTION by Mr. Groenevelt seconded by Mr. Lytle with all in favor the public hearing was closed.

D. Resolution 2023-13, Adopting the Fiscal Year 2024 Water and Sewer Budget

The Board and staff reviewed the proposed Fiscal Year 2024 Water and Sewer Budget.

2

September 18, 2023

Audience Comments

Financials for August 2023

On MOTION by Mr. Groenevelt seconded by Mr. Lytle with all in favor Resolution 2023-13, Adopting the Fiscal Year 2024 Water and Sewer Budget, was adopted.

SIXTH ORDER OF BUSINESS Consideration of the Purchase of Four Trucks from Duval Ford, Piggybacking Off Florida Sheriff's Contract FSA-22-Vel-30/FSA 22-VEH 20 (Due to supply issues, staff had to place an order for trucks on September 6, 2023 as the ordering window closed on September 8, 2023. There is a 6-to-7 month lead time for vehicles. These trucks are budgeted for in the W&S 2024 budget and the District has used the Florida Sheriff's contract in the past for purchases)

Mr. Stephens reviewed the purchase of four trucks, to replace older trucks.

On MOTION by Mr. Lytle seconded by Mr. Groenevelt with all in favor the purchase of four trucks from Duval Ford, piggybacking off the Florida Sheriff's contract, was ratified.

SEVENTH ORDER OF BUSINESS Staff Request Board Consideration of an Opportunity for the District to Piggyback Contract IFB# Event 139 between City of Fort Lauderdale as the Lead Agency for the Southeast Florida Governmental Purchasing Cooperative Group, and Allied Universal Corp for the Purchase of Sodium Hypochlorite (The District is a member of the co-op and has piggybacked off the previous contract for sodium hypochlorite purchase)

Mr. McShea reviewed the purchase of Sodium Hypochlorite from Allied Universal

Corp.

On MOTION by Mr. Groenevelt seconded by Mr. Lytle with all in favor the purchase of Sodium Hypochlorite from Allied Universal Corp. through the cooperative group was approved.

A. Consideration of Rostan Contract Renewal

This item was added because the contract is up for renewal on September 21, 2023.

On MOTION by Mr. Lytle seconded by Mr. Groenevelt with all in favor the extension to the Rostan contract was approved and staff was authorized to approve future extensions contingent upon there being no changes to the fee or contract.

B. Consideration of Hardening Grant Contract and Proposal

Mr. Stephens reviewed the following:

- This is for the facility hardening grant. They applied in 2020 and were awarded for Phase 1.
- Phase 1 is for design, permitting, surveying to be able to fill the scope of work for the construction portion.
- Once Phase 1 is completed, they will go back to the FEMA requesting funding for Phase 2, which is very likely to be awarded.
- This is a 90/10 grant. The District is only responsible for 10% of the grant, which is approximately \$30,000.

On MOTION by Mr. Groenevelt seconded by Mr. Lytle with all in favor the contract was approved with the amount granted, subject to the Board following the process and Mr. McIntosh and Mr. Stephens were authorized to serve as the main contacts and execute requests on behalf of the District.

EIGHTH ORDER OF BUSINESS Advisory Committee Final Report

The Board reviewed the recommendations in the final report and expressed appreciation for the committee's work.

- It will be a step-by-step process.
- A workshop was suggested to further review the next steps.

On MOTION by Mr. Lytle seconded by Mr. Groenevelt with all in favor the Final Advisory Committee Report was accepted, and their recommendations will be taken under consideration by the Board.

NINTH ORDER OF BUSINESS

Engineer's Report

A. Amendment #2 to Work Authorization #187, Returning Unspent Allowance of \$13,000

Mr. Olson reviewed Amendment #2 to Work Authorization #187.

On MOTION by Mr. Lytle seconded by Mr. Groenevelt with all in favor Amendment #2 to Work Authorization #187 was approved.

Mr. Olson reviewed his report, which was included in the agenda package and is attached hereto as a part of the public record.

On MOTION by Mr. Groenevelt seconded by Mr. Tiefenbrun with all in favor the Engineer's Report was accepted.

TENTH ORDER OF BUSINESS Staff Reports

A. Manager – Ken Cassel

- i. Congratulations Letter to Board Members from Representative Dan Daley
- This item is for informational purposes only and a copy is attached hereto and made a part of the public record.
- Mr. Cassel also reported he is working on language to submit to Representative Daley to modify the District's enabling legislation, allowing the District to follow Chapter 278, Florida Statutes, on purchasing requirements.
 - ii. Audit Committee Selection Process
 - Appointment of Committee Members
 - Establishment of RFP Evaluation Criteria
 - Authorization to Proceed with RFP
- > Mr. Cassel stated the Board should go out for audit RFPs and needs to decide

on the composition of the Audit Committee.

> There was Board consensus to have one Board member and two members of

the public.

> The District will reach out to the public and post on the website for submittals of

anyone interested serving on the Committee.

B. Department Reports

• Operations – David McIntosh

- Mr. McIntosh discussed the development of a strategic plan for the District. It will require an effort in addition to staff to do it properly. He is looking into consultants.
- He met with staff regarding producing the articles for the newsletter. He is looking into more involvement from the PR firm, Quest.
- > Mr. Lytle suggested using ChatGBT to generate articles.

• Utilities Update – Joe Stephens

- Mr. Stephens reported Mr. McIntosh, Mr. Cassel and he met with the City, and other districts, on September 7, 2023 for the districts' coordination meeting.
- Water and wastewater staff members attended FDEP's open house event last week.

Utility Billing Customer Service Report – Osmanny Larzabal (Report Provided)

Mr. Larzabal reviewed his report; a copy of which is attached hereto as part of the public record.

• Water – Christian McShea (Report Provided)

Mr. McShea reviewed his report; a copy of which is attached hereto as part of the public record.

• Wastewater – Mike Hosein (Report Provided)

Mr. Hosein reviewed his report; a copy of which is attached hereto as part of the public record.

• Stormwater – Asad Hosein (Report Provided)

Mr. Hosein reviewed his report; a copy of which is attached hereto as part of the public record.

• Field – Curt Dwiggins (Report Provided)

Mr. Dwiggins reviewed his report; a copy of which is attached hereto as part of the public record.

• Maintenance Report – Mike Percia (Report Provided)

Mr. Percia reviewed his report; a copy of which is attached hereto as part of the public record.

• Procurement Report – Danielle Keira-Cancel (Report Provided)

Ms. Kiera-Cancel reviewed her report; a copy of which is attached hereto as part of the public record.

• Human Resources – Jan Zilmer

Mr. Zimmer reported the following:

- > They had a good turnout with the tetanus and flu shots.
- > Nationwide will be on site on Wednesday to discuss pension plans.
- Friday is the end of fiscal year lunch.
- > He reviewed open positions they are in the process of filling.

• Engineering – Glen Hanks

Mr. Hanks reported the following:

- He will be meeting with Mr. Olson this week to go over the generator storage building options.
- > They are deep in the hurricane hardening project, meeting with the City.
- > He reviewed miscellaneous items on Pump Stations #1 and #2.
- There are approximately 13 developing projects at various stages. Three are under review, three have been approved but are not in construction yet, five that are under construction and two which just wrapped up: The Outback and Ramblewood Square.
- They are looking at challenging the County in terms of their future conditions flood maps and what the ramifications are.
- > He is reviewing the permitting processes and fees.
 - Motion to Accept Department Reports

On MOTION by Mr. Lytle seconded by Mr. Groenevelt with all in favor the Department Reports were accepted.

C. Attorney

Mr. Behn reported the following:

- He is coordinating with the Supervisor of Elections in preparations for the 2024 General Election.
- FASD will be holding their quarterly meeting in Fort Lauderdale next month.

ELEVENTH ORDER OF BUSINESS

- Mr. Tiefenbrun discussed interest in communication as discussed earlier in the meeting. His goal is to improve communication with residents.
- Mr. Tiefenbrun received communication from a resident recognizing the hard work by staff.
- Mr. Tiefenbrun discussed the use of social media.
- Mr. Tiefenbrun discussed reducing the stigma of mental health.

TWELFTH ORDER OF BUSINESS

Adjournment

Supervisors' Requests

There being no further business,

On MOTION by Mr. Groenevelt seconded by Mr. Lytle with all in favor the meeting was adjourned.

Kenneth Cassel Assistant Secretary Curt Tiefenbrun President

Fourth Order of Business



CORAL SPRINGS IMPROVEMENT DISTRICT

FINANCIAL REPORT SUMMARY – MEETING OCTOBER 16, 2023

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CORAL SPRINGS IMPROVEMENT DISTRICT WATER & SEWER FUND SUMMARY REPORT

For Period Ending September 30, 2023

EVENUES TOTAL REVENUES CARRY FORWARD \$	16,475,482					-	FY 2022/2023
CARRY FORWARD \$	16,475,482						
		* \$	15,131,165	* \$	1,344,317	* \$	15,131,165
	-	\$	3,648,911	\$	(3,648,911)	\$	3,648,911
TOTAL REVENUE WITH CARRY FORWARD \$	16,475,482	\$	18,780,076	\$	(2,304,594)	\$	18,780,076
* \$927,180.00 of Water & Sewer Revenue accrued to 2021-20	22 Fiscal Year						
XPENDITURES			1				
TOTAL ADMINISTRATIVE \$	1,782,480	\$	2,653,243	\$	(870,763)	\$	
TOTAL PLANT \$	5,819,930	\$	9,298,770	\$	(3,478,840)	\$	
TOTAL FIELD \$	2,982,415	\$	3,848,465	\$	(866,050)	\$	3,848,465
TOTAL EXPENDITURES \$	10,584,825	\$	15,800,478	\$	(5,215,653)	\$	15,800,478
AVAILABLE FOR DEBT SERVICE \$	5,890,657					\$	2,979,598
Total Debt Service \$	2,797,594					\$	2,817,818
Excess Revenues (Expenses) After Debt Service \$	3,093,063					\$	161,781
Net Assets Beginning \$	41,174,831						
Net Assets Ending \$	44,267,894						

Debt Service Coverage July 2023	
2.11	

Debt Service-Budget 1.06

Debt Service Requirement 1.10

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CORAL SPRINGS IMPROVEMENT DISTRICT General Fund SUMMARY REPORT

For Period Ending September 30, 2023

	Actual ENDING 9/30/23		BUDGET THRU 9/30/23	Act	VARIANCE ual to Budget IDERBUDGET)	ADOPTED BUDGET 2022/2023
REVENUES						
TOTAL REVENUES	\$ 3,765,366	\$	3,283,990	\$	481,376	\$ 3,283,990
CARRY FORWARD	\$ -	\$	5,488,636	\$	(5,488,636)	\$ 5,488,636
TOTAL REVENUE WITH CARRY FORWARD	\$ 3,765,366	\$	8,772,626	\$	(5,007,260)	\$ 8,772,626
EXPENDITURES & RESERVES						
TOTAL ADMINISTRATIVE	\$ 531,632	\$	899,226	\$	(367,594)	\$ 899,226
TOTAL FIELD	\$ 1,831,801	\$	7,173,400	\$	(5,341,599)	\$ 7,173,400
TOTAL EXPENDITURES	\$ 2,363,433	\$	8,072,626	\$	(5,709,193)	\$ 8,072,626
RESERVES						
EXCESS REVENUES (EXPENSES)	\$ 1,401,933					\$ 700,000
TOTAL EXPENSES & RESERVES	\$ 3,765,366					\$ 8,772,626
FUND BALANCE BEGINNING	\$ 11,654,210	*				
FUND BALANCE ENDING	\$ 13,056,181					

* Fund Balance changed due to audit adjustments

CORAL SPRINGS IMPROVEMENT DISTRICT

Processed Checks totals

FUND	CHECKS PROCESSED	AMOUNT
General Fund	9/1/23 - 9/30/23	\$157,669.28
Water and Sewer	9/1/23 - 9/30/23	\$801,139.98

Fifth Order of Business



Solution Series Ser

October 6, 2023

Ken Cassel, Manager

Coral Springs Improvement District

RE Permit, license, and approval categories

Ken:

I request the board authorize the creation of an administrative (permit) approval category for certain storm water management, right of way utilization and encroachment reviews/requests (water and sewer development reviews are already handled administratively). This will result in three tiers of review/permit authorization.

- 1. Letter of No Objection
- 2. Administrative Approval
- 3. Board Consideration

Letter of No Objection

Requests for letters of no objection or LONOs are presently processed by the district's recording manager with additional input as needed from the District Manager, engineer, and staff. LONOs are appropriate for projects that comply with CSID criteria, do not impact the CSID system or adjacent properties, do not involve any modifications to the storm water management system, and do not require any subsequent inspections or follow up by the district. These requests will be handled at the engineer/manager level.

Administrative Approval

Administrative approvals are intended to cover the routine, mundane and noncontroversial development approvals and would fill the gap between LONOs and Board considered items. Administrative approvals would be handled at the engineer/manager level and utilized for:

- Fences within District Rights of Way or easements provided at least 20 ft. of clearance is provided to the edge of water.
- construction or installation of missing, damaged or replacement components to improve compliance with CSID storm water management criteria.
- Repairs or replacement of drainage components
- Re-grading of retention area to restore original design grades.
- Construction of new, individual SFRs (Single Family Residences).
- Additions to SFRs



10300 NW 11th Manor • Coral Springs, FL 33071 Excellence to the Last Drop Consideration of Review, Permit and Inspection Fees October 6, 2023 Page **2** of **2**

- Minor modifications to previously approved projects
- Modifications or alterations to existing sites, affecting less than 50% of the site and less than 50% the value of the improvements.
- Installation of irrigation within District rights of way
- Additions or modifications to public or private water and sewer systems will continue to be handled administratively.

Board Consideration

Items requiring consideration by the Board of Supervisors after review and recommendation by the engineer include:

- Vacation or abandonment of easements or rights of way
- Encroachments into CSID's easements and rights of way that restrict District access and utilization as determined by the engineer or manager
- Storm water management applications for
 - New construction of multi-family and non-residential projects.
 - Modifications or alterations affecting more than 50% of the site or exceeding 50% of the value of the improvements to multi-family and non-residential projects.
 - Projects with multiple owners
 - Projects utilizing off-site storage or treatment facilities
- Variances or waivers of district standards and criteria.
- Projects requiring special conditions of approval.
- Other items as determined by engineer/manager.
- Right of way utilization permit where duration exceeds 90 days.
- Approval/authorization of directional bore installations crossing district owned facilities.

Regards,

Glen A. Hanks, P.E. District Engineer

cc: David McIntosh Joe Stephens

Sixth Order of Business



Dobbs Equipment, LLC 2730 S Falkenburg Road Riverview, FL 33578 Phone: 813-620-1000

Ben Richmond Vice President Accounting

Dobbs Equipment agrees to provide Coral Springs Improvement District with all services, terms, and conditions listed in Bid FSA23-EQU21.01 with Florida Sheriffs Association. Dobbs Equipment agrees that they will also comply with the requirements below in the administration of this contract with the Coral Springs Improvement District. Further Dobbs Equipment agrees that it is their obligation to obtain affidavits from any subcontractors to ensure that the subs are in compliance with E-Verify.

The CONTRACTOR and its subcontractors warrant compliance with all federal immigration laws and regulations that relate to their employees. The CONTRACTOR agrees and acknowledges that the OWNER is a public employer subject to the E-Verify requirements as set forth in Section 448.095, Florida Statutes, and that the provisions of Section 448.095, Florida Statutes apply to this Agreement. If the OWNER has a good faith belief that the CONTRACTOR has knowingly hired, recruited or referred an alien who is not authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall terminate this Agreement. If the OWNER has a good faith belief that a subcontractor performing work under this Agreement knowingly hired, recruited or referred an alien who is not duly authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall terminate this Agreement or referred an alien who is not duly authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall promptly notify the CONTRACTOR and order the CONTRACTOR to immediately terminate the contract with the subcontractor. The CONTRACTOR shall be liable for any additional costs incurred by the OWNER as a result of the termination of a contract based on CONTRACTOR'S failure to comply with E-Verify requirements evidenced herein.

IF THE CONTRACTOR HAS ANY QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES TO THE CONTRACTORS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, THE CONTRACTOR SHOULD CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT Sandra Demarco 210 N. University Drive, Suite 702 Coral Springs, FL 33071 (O) 954.603.0033, Ext. 40532

Email: PublicRecords@inframark.com

Dobbs Equipment LLC Representative	CSID Representativ	e
Title: _VP Accounting	Title:	
Name: (Print)_Ben Richmond	Name: (Print)	
Jen	Signature	Date
Juli	2. gilded o	Duit



A John Deere Dealer

FLORIDA SHERIFFS ASSOCIATION FLORIDA ASSOCIATION OF COUNTIES 2023-2024 Contract for Vehicles and Equipment Contract Number FSA23-EQU21.0 Spec#208 4x4 Loader Backhoe

John Deere 310P 2 Wheel Drive Cab 1.31 front bucket Extend a hoe

October 2, 2023

Quote For: Coral Springs Improvement District

Base Unit:

One (1) Deere 310P Backhoe Loader, 4X4, ROPS w/	\$102,700.00	
24" Rear Backhoe bucket with 5 teeth,		
Deere Two Lever Controls		
1.30 Yd Loader Bucket, Standard Backhoe		
Stated Options From Contract:		
3035 Downgrade to 2 wheel drive in lieu of	4x4	(1,860.00)
1003-1 Enclosed Cab with Heater and air Con-	ditioner	9,437.00
8142 Premium LED light package(10 lights	s)	830.00
8165 Ride Control		1,839.00
8126 Heavy Duty Grill Frame		437.00
8131 Heavy Duty Stabilizer Pads		364.00
8226 Strobe Light		463.00
6752-1Add Extendible Dipperstick(extend a b	10e)	7,635.00
Non-Specified Options less 25% Discount from List:		
8207 Cloth Air Suspension Seat	528.00	
Total List Non-Specified Options	\$528.00	
Less 25% Discount:	(132.00)	
Total Non-Specified Options		<u>396.00</u>
Total Price FOB CSID	\$121,411.00	

Made In The U.S.A.

310 P-TIER BACKHOE LOADER SPECIFICATIONS





While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Hydraulics (continued)	310 P-TIER		
Controls	2 lover mechanical standard attact	optrole with pattern called and mean	l/or alastric auxiliant fur stimmer time
Backhoe		ontrols with pattern select and manual and	
Loader		utch cutoff switch standard; single-lever co auxiliary roller, MFWD (momentary), and	
Cylinders			
Heat-treated, chrome-plated, polished rods; har		•	
	Bore	Rod Diameter	Stroke
Loader Boom (2)	80 mm (3.15 in.)	50 mm (1.97 in.)	790 mm (31.10 in.)
Loader Bucket (1)	90 mm (3.54 in.)	50 mm (1.97 in.)	744 mm (29.29 in.)
Backhoe Boom (1)	110 mm (4.33 in.)	56 mm (2.20 in.)	821 mm (32.32 in.)
Backhoe Crowd (1)	110 mm (4.33 in.)	63 mm (2.48 in.)	553 mm (21.77 in.)
Backhoe Bucket (1)	80 mm (3.15 in.)	50 mm (1.97 in.)	892 mm (35.12 in.)
Backhoe Swing (2)	80 mm (3.15 in.)	45 mm (1.77 in.)	310 mm (12.20 in.)
Backhoe Extendable Dipperstick (1)	63 mm (2.48 in.)	32 mm (1.26 in.)	1062 mm (41.81 in.)
Backhoe Stabilizer, Standard (2)	80 mm (3.15 in.)	50 mm (1.97 in.)	500 mm (19.69 in)
Non-Powered Axle (1)	70 mm (2.76 in.)	42 mm (1.65 in.)	210 mm (8.27 in.)
MFWD (1)	65 mm (2.56 in.)	40 mm (1.57 in.)	210 mm (8.27 in.)
Electrical			
	EPA Final Tier 4/EU Stage IV	EPA Tier 2/EU Sta	ge
Voltage	12 volt	12 volt	
Alternator Rating	145 amp	130 amp	
Lights		le docking (32,500 candlepower each); turn	signals and flashers: 2 front and 2 re
		ectors; factory-installed option for 2 LED	
	of standard halogen light package		spotlights and o LEB hoodinghts in I
Operator Station	of standard halogen light package		
Type (ISO 3471)	Canopy isolation mounted ROPS/	FOPS, left/right access, with molded roof;	ontional quarter cab (front glass or
iype (150 5 1/ 1/	and fully enclosed cab	r or s, let bright decess, with molded roor,	optional quarter cab (from glass of
Tires/Wheels	and runy enclosed cab		
	Front	Rear	
Non-Powered Front Axle	12.5/80-18 F3 (12)	19.5L-24 R4 (12)	
Non-rowered from Axie	14.5/75-16.1 F3 (16)	19.5L-24 R4 (12)	
With MFWD	12-16.5 NHS (12)		
		19.5L-24 R4 (12)	
	12.5/80-18 3 (12)	19.5L-24 R4 (10)	
	12.5/80-18 R4 (10)	19.5L-24 R4 (12)	
	12.5/80-18 R4 (10) 12.5/80-18 I3 (12)	19.5L-24 R4 (12) 21L-24 R4 (12)	
	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12)	
	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL	
	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550	
	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL	
Serviceability	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580	
Refill Capacities	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued)	
Refill Capacities Cooling System	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank	13.7 L (3.6 gal.)
Refill Capacities Cooling System Cab	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only)	-
Refill Capacities Cooling System	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System	126.8 L (33.5 gal.)
Refill Capacities Cooling System Cab Canopy Rear Axle	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only)	-
Refill Capacities Cooling System Cab Canopy	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System	- 126.8 L (33.5 gal.)
Refill Capacities Cooling System Cab Canopy Rear Axle	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir	- 126.8 L (33.5 gal.)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter)	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 27.5 L (29.1 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle	- 126.8 L (33.5 gal.) 45.0 L (11.9 gal.)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling)	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing	- 126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling)	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 128.7 L (34.0 gal.) EPA Final Tier 4/EU Stage IV	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator,	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 128.7 L (34.0 gal.)	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and Bumper	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 12.5.7 L (34.0 gal.) EPA Final Tier 4/EU Stage IV 6904 kg (15.221 lb.)	19,5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each) <i>EPA Tier 2/EU Stag</i> 6858 kg (14,982 lb	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II .)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and Bumper Typical With Cab, Extendable Dipperstick, and	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 128.7 L (34.0 gal.) EPA Final Tier 4/EU Stage IV	19.5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II .)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and Bumper Typical With Cab, Extendable Dipperstick, and 204-kg (450 lb.) Counterweight	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 128.7 L (34.0 gal.) EPA Final Tier 4/EU Stage IV 6904 kg (15,221 lb.) 7581 kg (16,713 lb.)	19,5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each) <i>EPA Tier 2/EU Stag</i> 6858 kg (14,982 lb	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II .)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and Bumper Typical With Cab, Extendable Dipperstick, and 204-kg (450 lb.) Counterweight Optional Components (weight difference betwo	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 15.1 L (16.0 qt.) 12.5 T L (34.0 gal.) EPA Final Tier 4/EU Stage IV 6904 kg (15,221 lb.) 7581 kg (16,713 lb.) ten base equipment and option)	19,5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each) <i>EPA Tier 2/EU Stag</i> 6858 kg (14,982 lb 7535 kg (16,612 lb.)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II .)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and Bumper Typical With Cab, Extendable Dipperstick, and 204-kg (450 lb.) Counterweight Optional Components (weight difference betwee Cab	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 15.1 L (16.0 qal.) <i>EPA Final Tier 4/EU Stage IV</i> 6904 kg (15.221 lb.) 7581 kg (16,713 lb.) ten base equipment and option) 276 kg (608 lb.)	19,5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each) EPA Tier 2/EU Stage 6858 kg (14,982 lb) 7535 kg (16,612 lb.)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II .)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and Bumper Typical With Cab, Extendable Dipperstick, and 204-kg (450 lb.) Counterweight Optional Components (weight difference betwore Cab MFWD With Tires	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 15.1 L (16.0 qt.) 12.87 L (34.0 gal.) EPA Final Tier 4/EU Stage IV 6904 kg (15.221 lb.) 7581 kg (16,713 lb.) Een base equipment and option) 276 kg (608 lb.) 136 kg (300 lb.)	19,5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities <i>(continued)</i> Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each) <i>EPA Tier 2/EU Stag</i> 6858 kg (14,982 lb 7535 kg (16,612 lb.) 276 kg (608 lb.) 136 kg (300 lb.)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II .)
Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Operating Weights With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and Bumper Typical With Cab, Extendable Dipperstick, and 204-kg (450 lb.) Counterweight Optional Components (weight difference betwee Cab	12.5/80-18 R4 (10) 12.5/80-18 I3 (12) 12.5/80-18 R4 (10) 340/80R18 XMCL 340/80R18 550 340/80R18 580 27.5 L (29.1 qt.) 25.7 L (27.2 qt.) 18.0 L (19.0 qt.) 13.0 L (13.7 qt.) 15.1 L (16.0 qt.) 15.1 L (16.0 qal.) <i>EPA Final Tier 4/EU Stage IV</i> 6904 kg (15.221 lb.) 7581 kg (16,713 lb.) ten base equipment and option) 276 kg (608 lb.)	19,5L-24 R4 (12) 21L-24 R4 (12) 21L-24 R4 (12) 500/70R24 XMCL 500/70R24 550 500/70R24 580 Refill Capacities (continued) Diesel Exhaust Fluid (DEF) Tank (EPA Final Tier 4/EU Stage IV only) Hydraulic System Hydraulic Reservoir MFWD Axle Differential Housing Planetary (each) EPA Tier 2/EU Stage 6858 kg (14,982 lb) 7535 kg (16,612 lb.)	126.8 L (33.5 gal.) 45.0 L (11.9 gal.) 6.5 L (6.9 qt.) 0.9 L (1.0 qt.) ge II .)

310 P-TIER

Agenda Page 25 While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

0	verall Dimensions	310 P-TIER		
Α	Ground Clearance, Minimum	293 mm (12 in.)		
В	Overall Length, Transport	7.24 m (23 ft. 9 in.)		
С	Width Over Tires	2.20 m (7 ft. 3 in.)		
D	Height to Top of ROPS/Cab	2.81 m (9 ft. 3 in.)		
Е	Length From Axle to Axle			
	Non-Powered Front Axle	2.16 m (7 ft. 1 in.)		
	MFWD Axle	2.19 m (7 ft. 2 in.)		
B	achoe Dimensions and Performance ackhoe specifications are with 610-mm x 0.18-r			
	ucket Range	305–610 mm (12–24 in.)		
	igging Force			
	Bucket Cylinder	48.2 kN (10,844 lb.)		
	Crowd Cylinder	31.1 kN (6,992 lb.)		
S	wing Arc	180 deg.		
	perator Control	2 levers		
			With Optional Extendable Dipperstick	
		With Standard Backhoe	Retracted	Extended
F	Loading Height, Truck Loading Position	3.38 m (11 ft. 1 in.)	3.46 m (11 ft. 4 in.)	4.12 m (13 ft. 6 in.)
G	Reach From Center of Swing Pivot	5.42 m (17 ft. 9 in.)	5.49 m (18 ft. 0 in.)	6.51 m (21 ft. 4 in.)
Н	-	6.49 m (21 ft. 3 in.)	6.55 m (21 ft. 6 in.)	7.57 m (24 ft. 10 in.)
ï	Digging Depth (SAE maximum)	4.30 m (14 ft. 1 in.)	4.38 m (14 ft. 4 in.)	5.43 m (17 ft. 10 in.)
J	Digging Depth (SAE)			
,	610 mm (2 ft) Elat Bottom	$(1/1)^{-1}$	$(1/1)^{-1}$	E (0 m (17 ft 0 in))

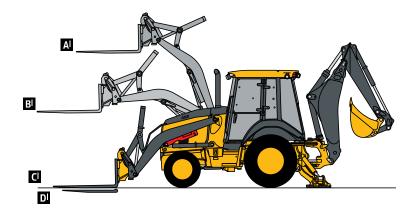
I	Digging Depth (SAE maximum)	4.30 m (14 ft. 1 in.)	4.38 m (14 ft. 4 in.)	5.43 m (17 ft. 10 in.)
J	Digging Depth (SAE)			
	610-mm (2 ft.) Flat Bottom	4.27 m (14 ft. 0 in.)	4.34 m (14 ft. 3 in.)	5.40 m (17 ft. 9 in.)
	2440-mm (8 ft.) Flat Bottom	3.93 m (12 ft. 11 in.)	4.01 m (13 ft. 2 in.)	5.15 m (16 ft. 11 in.)
Κ	Stabilizer Width, Transport	2.18 m (7 ft. 2 in.)	2.18 m (7 ft. 2 in.)	2.18 m (7 ft. 2 in.)
L	Stabilizer Spread, Operating	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)
М	Stabilizer Overall Width, Operating	3.53 m (11 ft. 7 in.)	3.53 m (11 ft. 7 in.)	3.53 m (11 ft. 7 in.)
N	Bucket Rotation	190 deg.	190 deg.	190 deg.
0	Transport Height	3.39 m (11 ft. 1 in.)	3.39 m (11 ft. 1 in.)	3.39 m (11 ft. 1 in.)
L	oader Dimensions and Performance			
Ρ	Bucket Dump Angle, Maximum	45 deg.		
Q	Rollback Angle at Ground Level	40 deg.		

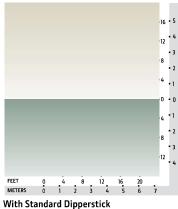
While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.



Loader Dimensions and Performance (continued)	310 P-TIER			
	Heavy-duty	Heavy-duty	Heavy-duty long lip	Multipurpose
Bucket Capacity	0.77 m³ (1.00 cu. yd.)	0.86 m³ (1.12 cu. yd.)	0.96 m³ (1.25 cu. yd.)	0.96 m³ (1.25 cu. yd.)
Width	2184 mm (86 in .)	2184 mm (86 in .)	2184 mm (86 in.)	2184 mm (86 in.)
Weight	363 kg (800 lb.)	390 kg (860 lb.)	405 kg (892 lb.)	794 kg (1,750 lb.)
Breakout Force	41.6 kN (9,361 lb.)	42.3 kN (9,512 lb.)	40 <u>.</u> 0 kN (8,983 lb.)	37 <u>.</u> 0 kN (8,321 lb.)
Lift Capacity, Full Height	2919 kg (6,435 lb.)	2995 kg (6,602 lb.)	2760 kg (6,085 l b.)	2427 kg (5,352 lb.)
R Height to Bucket Hinge Pin, Maximum	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
S Dump Clearance, Bucket at 45 deg.	2.74 m (9 ft. 0 in.)	2.78 m (9 ft. 1 in.)	2.68 m (8 ft. 9 in.)	2.68 m (8 ft. 9 in.)
T Reach at Full Height, Bucket at 45 deg.	702 mm (27.7 in.)	667 mm (26.3 in.)	793 mm (31.2 in.)	705 mm (27.8 in.)
U Digging Depth Below Ground, Bucket Level	70 mm (2.8 in.)	71 mm (2.8 in.)	51 mm (2.0 in.)	111 mm (4.4 in.)
V Length From Front Axle Centerline to Bucket	2.02 m (6 ft. 8 in.)	1.97 m (6 ft. 6 in.)	2.12 m (6 ft. 11 in.)	2.10 m (6 ft. 11 in.)

	Cutting Edge			
	Lift Capacity With Quick-Coupler Forks [see line of the line of th	art below]		
	Hydraulic Capacity	1219-mm (48 in.) Tines	1524-mm (60 in.) Tines	
A	Maximum Height	1711 kg (3,772 lb.)	1592 kg (3,510 lb.)	
B	Maximum Reach	2690 kg (5,931 lb.)	2530 kg (5,578 lb.)	
C	At Ground Line	3393 kg (7,480 lb.)	3203 kg (7,061 lb.)	
D	Below Ground Line	185 mm (7.3 in.)	185 mm (7.3 in.)	

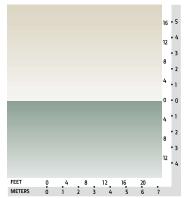




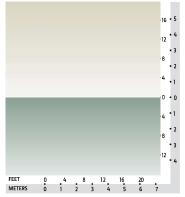
Lift Capacities [see line art at right]

Lift Capacities [see line art at right]		
Lift capacities are over-end values in kg (lb.). Figures listed are 100% of the maximum lift force available.		
	With 1.06-m (3 ft. 6 in.)	With 1.06-m (3 ft. 6 in.)
With Standard Dipperstick	Extendable Dipperstick, Retracted	Extendable Dipperstick, Extended
A 3593 kg (7,921 lb.)	3846 kg (8,478 lb.)	3180 kg (7,011 lb.)
B 2686 kg (5,922 lb.)	2444 kg (5,388 lb.)	2090 kg (4,607 lb.)
C 2363 kg (5,210 lb.)	2165 kg (4,773 lb.)	1696 kg (3,740 lb.)
D 2319 kg (5,114 lb.)	2126 kg (4,688 lb.)	1533 kg (3,380 lb.)
E 2117 kg (4,666 lb.)	1920 kg (4,232 lb.)	1465 kg (3,229 lb.)
F 1680 kg (3,704 lb.)	1488 kg (3,280 lb .)	1457 kg (3,212 lb.)
G 1657 kg (3,653 lb.)	1469 kg (3,239 lb.)	1303 kg (2,873 lb.)
H 1593 kg (3,513 lb.)	1412 kg (3,112 lb.)	1046 kg (2,307 lb.)
l 1526 kg (3,365 lb.)	1349 kg (2,975 lb.)	_
J 1462 kg (3,223 lb.)	1289 kg (2,841 lb.)	992 kg (2,188 lb.)
K 1402 kg (3,091 lb.)	1232 kg (2,716 lb.)	1043 kg (2,299 lb.)
L 1347 kg (2,970 lb.)	1179 kg (2,600 lb.)	1047 kg (2,309 l b .)
M 1297 kg (2,859 lb.)	1131 kg (2,493 lb.)	1035 kg (2,281 lb.)
N 1251 kg (2,758 lb.)	1086 kg (2,395 lb.)	1016 kg (2,239 lb.)
O 1209 kg (2,666 lb.)	1046 kg (2,306 lb.)	993 kg (2,190 lb .)
P 1172 kg (2,584 lb.)	1010 kg (2,226 lb.)	970 kg (2,139 lb.)
Q 1142 kg (2,517 lb.)	979 kg (2,159 lb .)	948 kg (2,089 lb.)
R 1130 kg (2,492 lb.)	965 kg (2,128 lb.)	926 kg (2,041 lb.)
S —	_	906 kg (1,997 lb.)
Т —	-	888 kg (1,958 lb.)
U —	_	873 kg (1,925 lb.)
V —	-	863 kg (1,903 lb.)
W -	-	861 kg (1,899 lb.)
Х —	-	879 kg (1,937 lb.)
Υ —	_	997 kg (2,198 lb.)

Lift capacities are over end with stabilizers down and tires tangent to ground.



With Extendable Dipperstick, Retracted



With Extendable Dipperstick, Extended

Additional equipment

310 P Engine

- Coolant recovery tank with low-level indicator
- Foldout, hinged cooling system
- Serpentine belt with automatic belt tensioner
- Electronically controlled, variable-rate suction-type cooling fan
- Self-cleaning exhaust aftertreatment system
- ▲ Chrome exhaust extension
- Grid heat
- ▲ 1,000-watt electric engine coolant heater
- Electronic fuel lift pump
 Powertrain
- PowerShift[™] transmission: Torque converter with twist-grip Transmission Control Lever (TCL) and neutral safety switch interlock (1st through 4th gears)
- Transmission oil cooler
- ▲ Transmission remote oil-sampling port
- Differential lock, electric foot actuated, protection on/off (software enabled)
- Planetary final drives
- Power-assisted hydraulic service brakes (conform to ISO 3450): Inboard, wet multi-disc, self-adjusting and selfequalizing
- Parking/emergency brake with electric switch control (conforms to ISO 3450): Spring applied, hydraulically released wet multi-disc / Independent of service brakes

Key: ● Standard ▲ Optional or special

310 P Powertrain (continued)

- Hydrostatic power steering with emergency manual mode
- ▲ Non-powered front axle
- Mechanical-front-wheel drive (MFWD) with open differential: Electric on/off control / Sealed axle
- MFWD with traction-control limitedslip differential: Electric on/off control / Sealed axle
- Automatic MFWD braking
- ▲ MFWD driveshaft quard

Backhoe

- Standard dipperstick digging depth
 4.30 m (14 ft. 1 in.)
- Extendable dipperstick extension ▲ 1.06 m (3 ft. 6 in.)
- ISO (Deere) 2-lever mechanical backhoe controls
- 2-lever pilot controls with patternselection feature
- Backhoe transport lock lever
- Swing lock pin stored in operator's station
- Stabilizers with 2-direction anti-drift valves
- Backhoe couplers for John Deere, Case, and Cat buckets
- Auxiliary backhoe valve with 1-way flow for hammers and compactors with plumbing
- Auxiliary backhoe valve with 1- and 2-way flow for swingers, thumbs, augers, etc. (plumbing not included)
- ▲ Hydraulic thumb

See your John Deere dealer for further information.

310 P Loader⁺

- Loader bucket anti-spill (rollback)
- Return-to-dig feature
- Single-lever control with electric clutch disconnect
- Bucket-level indicator
- Loader boom service lock
- Auxiliary loader hydraulics with single control lever with EH auxiliary control (MFWD and clutch disconnect)
- ▲ Hydraulic coupler for buckets, forks, etc.
- Standard ride control

Hydraulic System

- 106-L/m (28 gpm) single-gear pump, open-center system
- Economy mode
- Dedicated hydraulic reservoir
- Electrical System
- 12-volt system
- 145-amp alternator for EPA Final Tier 4 (FT4)/EU Stage IV, 130-amp alternator for EPA Tier 2/EU Stage II
- Single battery with 175-min. reserve capacity and 950 CCA
- Dual batteries with 350-min. reserve capacity and 1,900 CCA
- Remote jump posts and battery disconnect

Lights

- Halogen lights (10), 32,500 candlepower each (4 front driving/working, 4 rear working, and 2 side docking)
- Turn signal/flashing (2 front and 2 rear)
- Rear stop and tail (2)
- ▲ LED light package

[†]See dealer for range of heavy-duty (HD), multipurpose, and coupler buckets and forks.

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

or additions to ensure compliance with the local regulations of those countries. Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with ISO standards. Except where otherwise noted, these specifications are based on a unit with 19,5L-24-in. 12PR (R4) tubeless rear and 12-16,5 NHS (12) front tires, and 0,86-m³ (1.12 cu. yd.) loader bucket.

Additional equipment (continued)

310 P Operator's Station

- Modular-design ROPS/FOPS (Level 2) canopy with molded roof (meets ISO 3449 and ISO 3471/SAE J1040): Isolation mounted
- Molded floor mats (with pilot controls only)
- 12-volt outlet
- Lockable right-side storage
- ▲ Lockable left-hand storage with cup holders
- ▲ Interior front-view mirror
- ▲ Outside rearview mirrors
- Rotary-dial hand throttle
- Suspended foot throttle
- Mechanical-suspension seat, cloth cover
- ▲ Air-suspension heated seat (with cab only)
- ▲ Air-suspension vinyl seat
- Key start switch with electric fuel shutoff
- Tilt steering, infinitely adjustable (with cab only)
- ▲ Tilt steering, infinitely adjustable (with canopy and quarter cab)
- Machine security (enabled through monitor)
- Digital display of engine hours, engine rpm, and system voltage

Key: ● Standard ▲ Optional or special

310 P Operator's Station (continued)

- Monitor system with audible and visual warnings: Engine air restriction / Low alternator voltage / Engine oil pressure / Hydraulic filter restriction / Parking brake on/off / Aftertreatment temperature / Transmission fluid temperature / Fuel / Hour meter / Machine diagnostic information via 4-push-button/LCD operator interface
- Canopy: Mechanical-suspension deluxe vinyl swivel seat with lumbar adjustment and armrests (fully adjustable)
- Quarter Cab: Mechanical-suspension deluxe vinyl swivel seat with lumbar adjustment and armrests (fully adjustable), front windshield, and windshield wiper (1 front)
- ▲ Cab with Dual Doors and A/C: Mechanical-suspension deluxe fabric swivel seat with lumbar adjustment / Headliner, dome light, left and right cab doors, tinted safety glass, windshield wipers (1 rear and 1 front), front windshield washer, fresh-air intake, and heater/defroster/pressurizer (11.7-kW [40,000 Btu/h] heater) / A/C (7.6-kW [26,000 Btu/h] output and CFC-free R134a refrigerant
- AM/FM/weather-band (WB) radio (with cab only)

See your John Deere dealer for further information.

310 P Operator's Station (continued) ▲ Premium radio package (with cab only; includes additional 12-volt and USB outlets)

Overall Vehicle

- 1-piece unitized construction mainframe
- Vehicle tie-downs (2 front and 2 rear)
- Remote grease bank for front axle
- Front bumper cover
- ▲ HD front bumper
- ▲ Front counterweight 204 kg (450 lb.), 340 kg (750 lb.), 454 kg (1,000 lb.), or 567 kg (1,250 lb.)
- Rubber grille bumpers
- Fuel tank, 128.7 L (34 gal.), ground-level fueling
- 2-position easy-tilt hood
- Extended grille frame
- Toolbox with padlock hasp
- Vandal protection for locking monitor, engine hood, toolbox, hydraulic reservoir, and fuel tank
- Reverse warning alarm
- Dent-resistant full-coverage rear fenders
- Backhoe boom-protection plate
- JDLink[™] wireless communication system (available in specific countries; see your dealer for details)
- ▲ HD front grille screen
- ▲ HD stabilizer pads

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries. Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249.

Seventh Order of Business



Gardner Denver Nash Engineered Products Group CF Blower Division

October 4, 2023

Coral Springs Improvement District 10300 N.W. 11th Manor Coral Springs, FL 33071

Attn: Mike Hosein

Dear Mike,

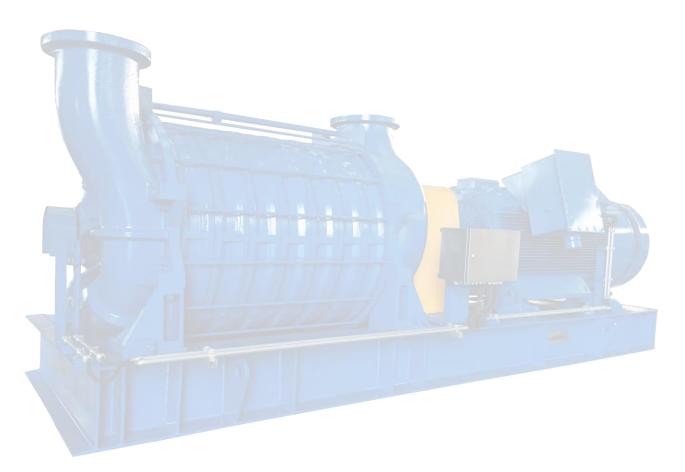
Please be advised that Gardner Denver Nash is the sole manufacturer of Hoffman / Lamson / and Invincible Centrifugal Blowers. As the sole source manufacturer, we are able to supply genuine factory parts, and factory authorized service for your blowers. We are the sole service group that can offer factory warranty on all services.

If you have any questions, or need further assistance, please do not hesitate to contact me.

Regards,

Darren Sabino, P. Eng. Aftermarket Director Nash North America





Hoffman and Lamson Certified Facility: St. Peters, MO - Mid West Operations and Service Center October 3, 2023

NUS-AS-SR02-CF-057 Rev. NEW 01/30/2023

1. General Information

Coral Springs Improvement District 10300 NW 11th Manor Coral Springs, FL 33071

Customer Contact: Afzal Hosein Customer Contact Information: afzalh@csidfl.org

Customer Reference Purchase Order: Budget

Blower Size 75106

"As Received" SN# P004335 ***Blower will return ship under SN# P004335X To Maintain Repair History in Our System

Quote# CCF-3020

Hoffman and Lamson Agent: TSC-Jacobs South

2. Basic Scope of Repair

- 1. A visual inspection of blower will be completed and any anomalies noted.
- 2. Blower will be disassembled and cleaned.
- 3. A detailed inspection will be performed and customer will be submitted a repair quote detailing findings during inspection.
- 4. Heads, Sections, and Impellers will be sandblasted per GDN specifications.
- 5. All seal areas and machined fits will be buffed and polished.
- 6. Bearing housings, Bearing caps, oilers and shaft will be replaced.
- 7. Lip seals, Gaskets, Carbon Rings/Labyrinth Seals will be replaced.
- 8. Blower will be reassembled using original heads, sections, and impellers.
- 9. Dynamic Rotor Balance and OEM Mechanical Run Test included.
- 10. Blower will be painted standard Hoffman and Lamson Blue.

Freight is included to and from job site.

A detailed inspection will be performed and submitted with a quote revision to include any additional parts or services required once the blower is received in shop, disassembled and inspected. The repair will not proceed without authorization.

Budget Repair Price (USD) \$39,401.00

Delivery - Standard 6-8 Weeks A.R.O. However, specific delivery will be determined at time of receipt of purchase order and is subject to availability of parts.

Given the exceptional economic situation leading to significant fluctuations in the price and delivery times of raw materials and freight and logistics' costs, Ingersoll's commercial offer is not binding and may be modified partially or in its entirety.

If Ingersoll Rand suffers (or will suffer), delay and/or incurs additional costs as a result of a raw materials, freight and logistic costs fluctuation then Ingersoll Rand will be entitled to an adjustment to the price and/or an extension of time.

Ingersoll Rand will then submit a revised commercial offer to its Customer. If a raw materials, freight and logistics' costs fluctuation occurs, Ingersoll Rand will take all reasonable steps to mitigate the adverse impact of such raw materials, freight and logistics' cost fluctuation upon its commercial offer.

We thank you for the opportunity to submit this quotation for your review.

STANDARDS

Terms - All sales are subject to terms and conditions established by Gardner Denver Nash LLC. To view or obtain a copy of our terms please visit <u>https://www.gardnerdenver.com/en/nash/about-us/downloads/policies-and-miscellaneous</u> Reference "English US; GD Nash US TCs of Sale – Cost Only Terms".

- Materials New components, when required, are original parts. We will not repair old components when the integrity of the part is compromised and/or the cost to the repair the part is excessive. If a damaged component is replaced with a Certified Hoffman and Lamson Remanufactured item, Hoffman and Lamson reserves the right to keep the original component.
- Tolerances All tolerances and clearances are to original OEM Specifications
- Upgrades All blowers are updated to the latest version of the specific blower quoted in the proposal.

To prevent couplings and blower accessories from being damaged or lost in shipment, Hoffman and Lamson recommends the customer remove these prior to shipment to Hoffman and Lamson. For all blowers received by Hoffman and Lamson in our repair facilities with the coupling and accessories, Hoffman and Lamson will remove coupling hub(s) from the blower and other blower accessories prior to disassembly and inspection. Upon reassembly, Hoffman and Lamson will not re-install the coupling hub(s) and accessories on the repaired blower. Hoffman and Lamson will return these items to the customer in a separate package with the return blower shipment.

Our quote does not include welder's certifications, MTRs/PMI, and NDE. Unless specified herein, these are available at an additional cost to this proposal.

If an approval purchase order or scrap request has not been received after 90 days from quote, Hoffman and Lamson reserves the right to return the blower back, disassembled, collect, via the carrier it was received on.

WARRANTY AND DELIVERY

- Warranty- We warrant all material and workmanship against defects for 1 FULL YEAR from date of shipment. Please see complete T &C's for complete information.
- Delivery Lead time given is based on current material availability and labor. Specific delivery will be determined at time of receipt of purchase order and is subject to availability of parts.
- Shipment- FOB Service Center. Please ensure Purchase Order includes freight terms and if applicable, customs broker information.
 - GDN Prepaid freight will include administrative fees.

Payment Terms- Net 30 days, terms subject to credit approval. All prices are in U.S. Dollars. Quote valid for 30 days.

ORDERING

We request that any purchase order being placed from this quotation be made out and issued to:

Gardner Denver Nash LLC Mid West Opertions and Service Center <u>6 Cermak Blvd.</u> St. Peters, MO 63376 Phone 636-278-3502



Agenda Page 35

HOFFMAN LAMSON

Gardner Denver Nash Engineered Products Group CF Blower Division

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November 21, 2022

Gardner Denver Nash LLC (GDN) agrees to provide Coral Springs Improvement District with all services, terms, and conditions listed in any quoted part and/or service addressed to Coral Springs Improvement District for as long as GDN remains the sole manufacturer of Hoffman/Lamson/ and Invincible Centrifugal Blowers. GDN agrees that they will also comply with the requirements below with the Coral Springs Improvement District. GDN agrees that it is their obligation to obtain affidavits from any subcontractors to ensure that the subs are in compliance with E-Verify.

Y

The CONTRACTOR and its subcontractors warrant compliance with all federal immigration laws and regulations that relate to their employees. The CONTRACTOR agrees and acknowledges that the OWNER is a public employer subject to the E-Verify requirements as set forth in Section 448.095, Florida Statutes, and that the provisions of Section 448.095, Florida Statutes, apply to this Agreement. If the OWNER has a good faith belief that the CONTRACTOR has knowingly hired, recruited or referred an alien who is not authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall terminate this Agreement. If the OWNER has a good faith belief that a subcontractor performing work under this Agreement knowingly hired, recruited or referred an alien who is not duly authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall terminate this Agreement and the United States for employment under this Agreement, the OWNER shall terminate the CONTRACTOR and order the CONTRACTOR to immediately terminate the contract with the subcontractor. The CONTRACTOR shall be liable for any additional costs incurred by the OWNER as a result of the termination of a contract based on CONTRACTOR's failure to comply with E-Verify requirements evidenced herein.

IF THE CONTRACTOR HAS ANY QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES TO THE CONTRACTORS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, THE CONTRACTOR SHOULD CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT Sandra Demarco

210 N. University Drive, Suite 702 Coral Springs, FL 33071 (O) 954.603.0033, Ext. 40532 Email: PublicRecords@Inframark.com

GDN Representative Insidesales Rep (Print) BUMMIC Walker

CSID Representative Title: <u>President</u> Name (Print) <u>Non Martin</u> 54 and <u>Number</u> 12/19/2022 Signature Date

Gardner Denver Nash LLC 200 Simko Blvd Charlerol, PA 15022 724 239 1500 fax 724 239 1502

Eighth Order of Business

Storm Water Management License (permit)	Unit cost	
Pre-application Conference	\$	250.00
Records Search per hour or part thereof	\$	50.00
Letter of No Objection	\$	250.00
Storm Water Management License (staff level only) up to two reviews.	\$	1,500.00
Subsequent (additional) reviews	\$	500.00
Storm Water Management License (Subject to Board approval) up to two		
reviews under 10 ac	\$	3,500.00
Over 10 ac	\$	7,000.00
Subsequent review (each occasion)	\$	1,000.00
Major Modification	50% of o	riginal fee
Letter modifications	\$	250.00
Time Extensions	\$	500.00
Failed inspection	\$	100.00
Storm Water Management Operational License (SWM renewal)		
Review, process and inspect following engineer's certification	\$	750.00
if more than two points of discharge add per outfall	\$	100.00
Failed inspection	\$	100.00
Right of Way Utilization		
Temporary access/utilization <30 days	\$	500.00
Temporary access/utilization >30 days	\$	1,000.00
Crossing of Canal or CSID culvert (each location)	\$	1,500.00
Major mods after permit same as new fee	\$	1,500.00

Utility		
Plan review fee - 5% of estimated cost to construct public improvements		5%
Plan review fee private systems	TBD	
Subsequent reviews		1%
Minor changes after approval (per affected sheet)	\$	100.00
Permit and inspection fee 5% of estimated cost of donated items		5%
Permit and inspection fee for private components	TBD	
Minimum inspection fee \$250/point of connection to CSID facilities		\$250
Failed inspections		
Progress Inspection	\$	100.00
Pressure test	\$	200.00
Lamping	\$	100.00
Final	\$	200.00
Repeat review of documents	\$	100.00
Recording (per sheet)	\$	25.00
Miscellaneous		
Variance from District Criteria	\$	4,000.00
Consideration of alternative materials, design, etc. (per hour)	\$	100.00
Fence encroachment	\$	500.00
Easement encroachment/utilization	\$	750.00
Additional - engineer/hr (meetings, review)	\$	100.00
Expedited Review / Temporary CO agreement	\$	1,000.00

Ninth Order of Business

9A

WORK AUTHORIZATION 216 No. <u>GT-151435</u>

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the <u>CORAL SPRINGS IMPROVEMENT DISTRICT</u>, hereinafter referred to as "OWNER", and <u>Globaltech, Inc.</u>, hereinafter referred to as "FIRM", dated <u>July 1</u>, <u>2012</u> (hereinafter referred to as "AGREEMENT"), this Work Authorization, executed this _____ day of _____ 2023, authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to <u>Pump Station 1 – LP Gas</u> <u>Tank Replacement</u>, hereinafter referred to as the "Specific Project".

Section 1 – Terms

The FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

Section 2 – Scope of Work

The FIRM will provide the following services in accordance with Sections 1 and 2 of the AGREEMENT:

Pump Station 1 has engine driven pumps that are fueled by liquid petroleum fuel. In its current configuration, the station has six (6) 1,000-gallon tanks which are capable of providing approximately 10 days of run-time for the pumps. Of the six tanks, three were installed recently (2021) and three were installed approximately 25 years ago and are approaching the end of their useful life. It is the OWNER's desire to replace the three older tanks at Pump Station 1.

Task 1 – Project Development / Data Gathering and Review

FIRM will review existing drawings and meet with subcontractor and OWNER to develop a replacement approach. The approach will be based on existing drawings, field inspections (previously conducted) and approval by OWNER.

Task 2 – Engineering and Project Management

FIRM shall perform the following:

- 1. Site visits to determine equipment needed and logistics for improvements and inspection of OWNER provided equipment.
- 2. Prepare subcontract with tank replacement contractor.
- 3. Review shop drawings and installation materials.
- 4. Review permits submitted by Subcontractor to the Florida Department of Agriculture.
- 5. Document removal and replacement LP Tanks.
- 6. Schedule and conduct meetings, inspections, and testing with OWNER's staff, as needed.
- 7. Conduct periodic site inspections during field activities to document removal and replacement of LP Tanks.
- Prepare project closeout documentation including releases of Liens from Subcontractor, permit closeout and Final Certificate of Completion.

Task 3 – Construction of Improvements

At Pump Station 1 (PS-1) three existing tanks be removed and replaced. The following tasks will be conducted at PS-1:

• Excavate three existing tanks exposing the piping and the entire tank profile.

- Remove the existing tanks. Photo-document the existing tanks highlighting the fabrication name plate, and observed damage and the overall condition of the exterior of the tank.
- Load, remove and discard the tanks from the PS-1 Site.
- Install three new 1,000-gallon tanks in the same locations as the tanks that were removed. Install new tie-down cabling and anchors to secure the tanks and prevent the tanks from floating during periods of high groundwater levels. If concrete slabs exist, FIRM will attempt to tie new tanks to existing ballast slabs. Otherwise, friction screw anchors will be used.
- Install steel piping tying the three new tanks in series. Install valving, release valves, and additional appurtenances within the access dome above the tanks as required by code.
- Pressure test tanks and piping using inert gas
- Backfill tank excavations
- Run new piping to the exterior of the pump station building. Connect new piping to existing piping as it enters the pump station building.
 Provide new isolation valve.
- Install 6 new or re-install existing bollards in locations to protect tank dome. Bollards will be painted optic yellow for safety.
- Compact and grade backfill above tank locations.
- Coordinate installation inspection with Department of Agriculture.
- Restore site.

Assumptions

Assumptions for the project are as follows:

- 1. Permits will be submitted to the Florida Department of Agriculture.
- 2. Permit application will include new site survey, locations of the existing and replacement tanks and piping, and shop drawings for the new tanks and piping.

- 3. Permit fee will be paid by FIRM using dedicated Permit Fee Allowance.
- 4. FIRM will replace 1 isolation valve and one existing pressure relief valves (where existing piping enters the pump station building).
- 5. Record drawings will not be prepared.
- 6. O&M Manuals will be provided for the new tanks.
- 7. Fuel will not be provided by FIRM.
- 8. Debris generated during the replacement of the tanks will be removed by FIRM.
- 9. Sod is not included in site restoration. The ground surface will be left with compacted, graded fill dirt.
- 10.A Permit Allowance of \$750 will be available for use by FIRM to pay for permitting fees. Unspent Permit Allowance will be returned to OWNER.

Section 3 – Location

The services to be performed by the FIRM shall be on the following site or sites: <u>Stormwater Pump Stations 1.</u>

Section 4 – Deliverables

The FIRM will provide the following Deliverables to OWNER:

- Three (3) new 1,000-gallon LP Fuel tanks and piping
- New isolation valve on the outside of pump station building.
- One release valve located next to Pump Station 1.
- O&M Manual for new tanks.
- Inspection certification by Florida Department of Agriculture.

Section 5 - Time of Performance

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:

Task	Time Elapsed to Subtask Completion
Notice to Proceed (NTP)	0 Days
Subcontracting	2 weeks following NTP
Permitting	6 weeks following NTP
Procurement	12 weeks following NTP
Construction	14 weeks following NTP
Closeout	16 weeks following NTP

Section 6 - Method and Amount of Compensation

- The FIRM shall be paid by the OWNER in accordance with the Florida's Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
- 2. Total job price: **\$49,110** (Construction cost + allowances). The Base Price includes a \$1,500 general construction allowance and a \$750 dedicated permit allowance.
- On the terms contained in the FIRM's said proposal for the doing of said work and the said award therefore, and the specifications herein specifically referred to and made a part of this contract.
- 4. The cost for the above scope of services is a Lump Sum Price (LSP). The LSP is based on the materials, methods, and assumptions presented in the scope of services and may be adjusted downward based on final detail design and alternative selections or omissions. The LSP shall not be greater than the stated amount unless there is an approved increase in the scope of services. The final stipulated sum (adjusted LSP) submitted herein shall be an amount to be billed on the basis of "percent complete" and stored materials turned over to the OWNER.
- A Budget Summary for the above lump sum fee is provided in <u>Attachment</u>
 <u>A.</u>

Section 7 – Application for Progress Payment

1. Unless otherwise prescribed by law, at the end of each month, the FIRM shall submit to the OWNER for review, an Application for Progress Payment

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filled out and signed by the FIRM covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the AGREEMENT.

- The Application for Progress Payment shall identify the amount of the FIRM Total Earnings to Date based upon value of original contract Work performed to date as approved by fully executed Change Orders.
- 3. Payment shall be based upon percentage of work completed based upon the approved schedule of values. Retainage in the amount of 5% will be withheld on the calculated value of any work, with the exception of stored materials which may be paid at the supplier's invoiced cost. At FIRM's request, after 50% completion of the work has been achieved, the OWNER will implement a reduction in retainage to 2.5% of all future pay requests. If retainage is reduced, FIRM may not withhold more than 2.5% retainage from subcontractors or suppliers and will be required to certify compliance with F.S. 218.70 et seq on each subsequent pay application. Notwithstanding the foregoing, in no instance can the amount retained be less than the value of OWNER's good faith claims plus the value of the work the OWNER determines remains to be put in place or required to be performed as remedial activities. For the purposes of this section, 50% completion shall be that point in time when OWNER determines that half of the Work required by the Contract has been completed. In no event shall the Work be determined to be 50% completed before the OWNER has paid 50% of the Contract amount and 50% of the Contract time has expired. The amount of previous Pay Estimate payments shall then be subtracted to equal the Balance Due during the Pay Estimate period.
- 4. When the OWNER determines the Work to be Substantially Complete, the OWNER may reduce the retainage to two and one-half percent (2.5%) of the dollar value of all Work satisfactorily completed to date, provided that the FIRM is making satisfactory progress toward Final Completion of the Work, that in the opinion of the OWNER there is no specific cause for a greater retainage, and the FIRM obtains the written consent of the Surety

Companies furnishing the required Public Construction Bond on consent forms provided by the OWNER. The OWNER may reinstate the retainage up to five percent (5%) if the OWNER determines, that the FIRM is not making satisfactory progress toward final completion of the Work or where there is other specific cause for such withholding.

- 5. Partial payment may be made for the delivered cost of stored materials planned for incorporation into the Work, provided such materials meet the requirements of this Contract, the Contract Drawings, and the Specifications, and are delivered and suitably stored at the project site, or at another location acceptable to the OWNER. Such material must be stored in a secure manor acceptable to the OWNER, and in accordance with the manufacturer's recommendations.
- 6. The delivered cost of such stored or stockpiled materials may be included in any subsequent application for payment provided the FIRM meets the following conditions:
 - An applicable purchase order or supplier's invoice is provided listing the materials in detail, the cost of each item, and identifies this specific contract by name.
 - b. The materials are fully insured against loss or damage (from whatever source) or disappearance prior to incorporation into the Work.
 - c. Stored materials approved for payment by the OWNER shall not be removed from the designated storage area except for incorporation into the Work.
 - d. Evidence that the FIRM has verified quantity and quality of the materials delivered (verified packing list).
- 7. It is further agreed between the parties that the transfer of title and the OWNER's payment for any stored or stockpiled materials pursuant to these General Conditions, and any applicable provisions of the Supplementary General Conditions, shall in no way relieve the FIRM of the responsibility of ensuring the correctness of those materials and for furnishing and placing

such materials in accordance with the requirements of this Contract, the Contract Drawings, the Technical Specifications, and any approved changes thereto.

- 8. The following monthly Application for Progress Payment shall be accompanied by Bills of Sale, copies of paid invoices, releases of lien, or other documentation warranting that the FIRM has received the stored materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the stored materials and equipment are covered by appropriate property insurance and other arrangements to protect the OWNER's interest therein, all of which shall be satisfactory to the OWNER.
- 9. The FIRM shall warrant and guarantee that title to all Work, materials, and equipment covered by an Application for Progress Payment, whether incorporated in the Work or not, will pass to the OWNER no later than the time of Final Payment free and clear of all liens or other encumbrances.
- 10. In the event any dispute with respect to any payment or pay request cannot be resolved between the FIRM and OWNER's project staff, FIRM may, in accordance with the alternative dispute resolution requirements of Florida Statute section 218.72, *et seq*, demand in writing a meeting with and review by the OWNER'S (agency) director. In the absence of the agency director, a deputy director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by OWNER of FIRM's written demand. The OWNER's manager shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the OWNER's final decision for the purposes of the Local Government Prompt Payment Act.

Section 8 – Responsibilities

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM and its Subcontractors shall

provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

8.1 The OWNER hereby designates <u>Shawn Frankenhauser</u> as the OWNER's representative.

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates <u>Rick Olson, P.E.</u> as the FIRM's representative.

Section 9 – Insurance

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

Section 10 – Level of Service

The OWNER shall have the right to terminate said Agreement by giving the FIRM <u>thirty (30)</u> days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

Section 11 – Indemnification

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.

IN WITNESS WHEREOF, this Work Authorization, consisting of <u>ten (10)</u> pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

(SEAL)	CORAL SPRINGS IMPROVEMENT DISTRICT
ATTEST:	President
	Fresident
Printed name of Witness	Curt Tiefenbrun Printed name
	Date
	Approved as to form and legality
Printed name of Witness	District Counsel
Printed name of Witness	
State of Florida County of Palm Beach	ENGINEER
	<u>Globaltech Inc.</u> Company
The foregoing instrument was acknowledged before me on this	
<u>16th day of October</u> , 2023 by	Signature
Richard D. Olson, P.E. who is <u>personally known</u> to me OR produced as identification.	<u>Richard D. Olson, P.E., Vice Presiden</u> t Name and title (typed or printed)
	<u>October 16, 2023</u> Date
Signature of Notary	

Attachment A

Budget Summary

ATTACHMENT A

151435 CSID - PS 1 LP Fuel Tank Replacement Construction Budget

	At Markup
Engineering and Project Management	\$ 16,104.00
Suburban Propane Removal and Replacement of 3 LP Tanks at PS 1	\$ 29,860.32
General Conditions	\$ 895.81
General Construction Allowance Permitting Allowance	\$ 1,500.00 \$ 750.00
Total	\$ 49,110.13

ATTACHMENT A

151435 CSID - PS 1 LP Fuel Tank Replacement

Engineering and Design Budget Summary

		E7	E4	E2	E1	CAD	Adm 3	Adm 1		
Task	Task Description	\$190.00	\$155.00	\$108.00	\$88.00	\$108.00	\$77.00	\$52.00	Total	Labor
1	Project Development									
	Site Visits with OWNER	6								
	Meetings with subcontractors	4					2			
	Estimating and Subcontractor Scope Development	4						2		
	Subtotal Task 1	14	0	0	0	0	2	2	\$	2,918
2	Project Management & Coordination									
	Project Management	12					2	4		
	Subcontract Preparation	2						2		
	Subcontract Coordination and Management	2						2		
	Permit Preparation and Coordination	8						2		
	Shop Drawing Review	2			2			2		
	Permit Closeout	4			4			2		
	Project Closeout	4					2	2		
	Subtotal Task 2	34	0	0	6	0	4	16	\$	8,12
2	Construction Queroisht									
	Construction Oversight Periodic Site Inspections	12			24			8		
	Subtotal Task 3	12	0	0	24	0	0	8	\$	4,80
	Labor Subtotal Hours	60					-	26		
	Labor Subtotal	\$11,400	\$0	\$0	\$2,640	\$0	\$462	\$1,352		
	Labor Total								\$	15,85
	Field Expenses								\$	250
	TOTAL								\$	16,104

9B

WORK AUTHORIZATION

CSID WA No. 218 Globaltech No. 151431

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis" between the <u>CORAL SPRINGS IMPROVEMENT DISTRICT</u>, hereinafter referred to as "OWNER", and <u>Globaltech, Inc.</u>, hereinafter referred to as "FIRM", dated <u>July 1</u>, <u>2012</u> (hereinafter referred to as "AGREEMENT"), this Work Authorization authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to the <u>Surge Protection</u> <u>Improvements</u>, hereinafter referred to as the "Specific Project".

Section 1 – Terms

FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization (WA) with the OWNER.

Section 2 – Scope of Work

Buildings on the CSID campus are protected from surges through two separate systems. Each building has a roof mounted lightning suppression system that consists of interconnected air terminals mounted on the roof and on mechanical equipment. Cabling caries the lightning surge to the buildings grounding system. In addition, buildings with major electrical components have surge protection systems located on the electrical panels. Finally, sensitive equipment (computers and servers) is equipped with uninterrupted power sources (UPS) that protect

against surge allow the equipment to continuously operate during brief power interruptions.

A preliminary inspection was conducted with representatives from Bonded Lightning Protection (BLP) to review the surge protection and lightning suppression systems. Both systems were determined to be in need of repair or replacement. This Work Authorization provides for repairs to the lightning suppression systems on ten different buildings within the administrative operations and wastewater treatment plants. In addition, the electrical surge protection systems on the Administration Building and Stormwater Maintenance Building were determined to be non-operational and will be replaced.

Finally, desktop electrical equipment is utilized throughout CSID's enterprise. Currently, UPS systems are provided for most equipment that may not be serving its purpose. This WA will provide a review of the UPS / Surge Protection systems, develop a procurement specification (for owner direct purchase), and provide a testing / replacement schedule for new equipment.

Task 1 – Engineering and Project Management

This task includes project management and engineering services required to complete the project.

1A. Project Management and Coordination

- 1. Conduct field inspection with Bonded Lightning Protection (BLP) to review surge protection and lightning suppression systems.
- 2. Develop cost estimate
- 3. Prepare subcontracts for BLP
- 4. Obtain insurance certificate and licenses from subcontractors
- 5. Prepare Project Schedule. Review project schedule with subcontractor.

2 of 11

- 6. Coordinate work with CSID staff. This may require brief electrical service interruption to the Administration and Maintenance Buildings.
- 7. Prepare project closeout documentation

1B. Engineering

The FIRM will provide a Technical Memorandum (TM) which will report the findings of existing UPS and recommendations for new UPS, including purchase specifications. Additionally, the TM will provide the OWNER with recommended preventive maintenance and service intervals for any new surge protection provided under this WA and UPS recommended by the TM.

1C. Construction Oversight

In lieu of full construction management, the FIRM will provide engineering labor to serve as construction oversight of BLP as they complete the rehabilitation of the lightning protection and surge suppression systems mentioned above.

Task 3 – Construction Services

FIRM will provide the following services through subcontractor Bonded Lightning Protection. A more detailed summary of services is provided in Attachment B.

Surge Protection System Replacement

The FIRM will have BLP replace damaged/defunct surge protection units at the Administration building and Maintenance building.

Lightning Suppression System Repair

Ten buildings exist on the wastewater portion of the CSID Utility Campus. A detailed inspection was conducted on the Administration Building and it was

Agenda Page 58

determined that significant repairs to the lightning suppression system were necessary. However, it was also determined that the roofing membrane on the Administration Building was in poor condition and should be inspected by a licensed roofing contractor and possibly replaced. The inspection and potential roof replacement should be performed prior to working on the lightning suppression system to avoid redundant work.

On the remaining buildings, cursory inspections were conducted on the lightning suppression systems that indicated that various repairs were necessary. Repairs ranged from broken cables, missing air terminals, equipment not protected by lightning suppression and grounding systems that may not be adequate. To address these issues, BLP has proposed a daily rate for their crews to mobilize and make the necessary repairs. A daily billing rate has been established to provide labor and materials necessary to make the repairs. It is estimated that the work will take ten (10) days to complete. Billing will be conducted on a per diem basis. OWNER will only be billed for time utilized to implement the repairs. Buildings included under this task will include the wastewater operations building, headworks, chlorine storage building, stormwater maintenance building, deep injection well pump buildings (2), electrical building, and the blower buildings (2).

Assumptions

Assumptions for the project are as follows:

- OWNER to provide all existing drawings and plans illustrating existing building pan views (completed)
- Work will be conducted during normal business hours (M F).
- FIRM will not be present during cleaning / repair work.
- No permits are required for repair services
- Drawings or plans will not be prepared

- An annual maintenance program on the lightning suppression system is not included, but highly recommended. The annual cost for inspection and repair is approximately \$3,500.
- UPS system purchase is not included

Section 3 – Location

The services to be performed by the FIRM shall be conducted within 10 buildings on the CSID Utility Campus.

Section 4 – Deliverables

FIRM will provide construction improvements outlined in Construction Services. In addition, FIRM will provide an inventory of personal electrical equipment, a purchase specification for UPS / Surge protection systems for personal equipment, and a recommended schedule for UPS / Surge Protection System inspection, testing and replacement.

Section 5 – Time of Performance

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:

Task	Time Elapsed to Completion
Notice to Proceed (NTP)	0 Days
Repair Surge Systems	30 Days after NTP
Repair Lightning Suppression	90 days after NTP
Systems	
Prepare technical memorandum	60 days after NTP
providing purchase specification	-
for UPS	
Project Closeout	100 Days after NTP

Section 6 – Method and Amount of Compensation

- The FIRM shall be paid by the OWNER in accordance with the Florida's Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
- Total job price: \$49,188. Price includes a construction allowance of \$5,000.
- On the terms contained in the FIRM's said proposal for the doing of said work and the said award therefore, and the specifications herein specifically referred to and made a part of this contract.
- 4. The cost for the above scope of services is a lump sum (LS). The LS is based on the materials, methods, and assumptions presented in the scope of services and may be adjusted based on final detail design and alternative selections or omissions. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.
- 5. A Budget Summary for the above LS is provided in Attachment A.

7 – Application for Progress Payment

- Unless otherwise prescribed by law, at the end of each month, the FIRM shall submit to the OWNER for review an Application for Progress Payment filled out and signed by the FIRM covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the AGREEMENT.
- The Application for Progress Payment shall identify the amount of the FIRM Total Earnings to Date based upon value of original contract Work performed to date as approved by fully executed Change Orders.
- 3. Payment shall be based upon percentage of work completed based upon the approved schedule of values. Retainage in the amount of 5% will be withheld on the calculated value of any work, with the exception of stored materials which may be paid at the supplier's invoiced cost. At FIRM's request, after 50% completion of the work has been achieved, the OWNER will implement a reduction in retainage to 2.5% of all future pay requests. If

Agenda Page 61

retainage is reduced, FIRM may not withhold more than 2.5% retainage from subcontractors or suppliers and will be required to certify compliance with F.S. *218.70 et seq* on each subsequent pay application. Notwithstanding the foregoing, in no instance can the amount retained be less than the value of OWNER's good faith claims plus the value of the work the OWNER determines remains to be put in place or required to be performed as remedial activities. For the purposes of this section, 50% completion shall be that point in time when OWNER determines that half of the Work required by the Contract has been completed. In no event shall the Work be determined to be 50% completed before the OWNER has paid 50% of the Contract amount and 50% of the Contract time has expired. The amount of previous Pay Estimate payments shall then be subtracted to equal the Balance Due during the Pay Estimate period.

- 4. When the OWNER reduces the retainage to two and one-half percent (2.5%), FIRM must obtain the written consent of the Surety Companies furnishing the required Public Construction Bond on consent forms provided by the OWNER. The OWNER may reinstate the retainage up to five percent (5%) if the OWNER determines, at its discretion, that the FIRM is not making satisfactory progress toward final completion of the Work or where there is other specific cause for such withholding.
- 5. Partial payment may be made for the delivered cost of stored materials planned for incorporation into the Work, provided such materials meet the requirements of this Contract, the Contract Drawings, and the Specifications, and are delivered and suitably stored at the project site, or at another location acceptable to the OWNER. Such material must be stored in a secure manor acceptable to the OWNER, and in accordance with the manufacturer's recommendations.
- 6. The delivered cost of such stored or stockpiled materials may be included in any subsequent application for payment provided the FIRM meets the following conditions:

- a. An applicable purchase order or supplier's invoice is provided listing the materials in detail, the cost of each item, and identifies this specific contract by name.
- b. The materials are fully insured against loss or damage (from whatever source) or disappearance prior to incorporation into the Work.
- c. Stored materials approved for payment by the OWNER shall not be removed from the designated storage area except for incorporation into the Work.
- d. Evidence that the FIRM has verified quantity and quality of the materials delivered (verified packing list).
- 7. It is further agreed between the parties that the transfer of title and the OWNER's payment for any stored or stockpiled materials pursuant to these General Conditions, and any applicable provisions of the Supplementary General Conditions, shall in no way relieve the FIRM of the responsibility of ensuring the correctness of those materials and for furnishing and placing such materials in accordance with the requirements of this Contract, the Contract Drawings, the Technical Specifications, and any approved changes thereto.
- 8. The following monthly Application for Progress Payment shall be accompanied by Bills of Sale, copies of paid invoices, releases of lien, or other documentation warranting that the FIRM has received the stored materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the stored materials and equipment are covered by appropriate property insurance and other arrangements to protect the OWNER's interest therein, all of which shall be satisfactory to the OWNER.
- 9. The FIRM shall warrant and guarantee that title to all Work, materials, and equipment covered by an Application for Progress Payment, whether incorporated in the Work or not, will pass to the OWNER no

later than the time of Final Payment free and clear of all liens or other encumbrances.

- 10. Progress Payments shall be made in accordance with the Local Government Prompt Payment Act. In the event any dispute with respect to any payment or pay request cannot be resolved between the FIRM and OWNER's project staff, FIRM may, in accordance with the alternative dispute resolution requirements of Florida Statute section 218.72, *et seq*, demand in writing a meeting with and review by the OWNER'S (agency) director. In the absence of the agency director, a deputy director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by OWNER of FIRM's written demand. The OWNER's manager, shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the OWNER's final decision for the purposes of the Local Government Prompt Payment Act.
- 11. The OWNER may refuse to make payment of the full amount because claims have been made against the OWNER on account of the FIRM's performance of the Work, or because Liens have been filed in connection with the Work, or there are other items entitling the OWNER to a credit against the amount recommended, but the OWNER must give the FIRM written notice within twenty (20) business days after the date on which the invoice is stamped as received which specifies the invoice deficiency and any action necessary to make the invoice complete and proper.

Section 8 – Responsibilities

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM shall provide all of the labor and equipment necessary to perform the job or contracted services at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

- **8.1** The OWNER hereby designates <u>David McIntosh</u> as the OWNER's representative.
- **8.2** In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:
 - Provide copies of existing drawings and equipment cut sheets if requested by FIRM
 - Pay for any required permit fees

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates <u>Rick Olson, P.E.</u> as the FIRM's representative.

Section 9 – Insurance

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

Section 10 – Level of Service

The OWNER shall have the right to terminate said Agreement by giving the FIRM <u>thirty (30)</u> days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

Section 11 – Indemnification

The FIRM shall indemnify and hold harmless the OWNER its officers and employees as set forth in Section 11 of the Agreement.

IN WITNESS WHEREOF, this Work Authorization, consisting of <u>eleven (11)</u> pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly named and in its behalf, effective as of the date herein above written.

CORAL SPRINGS IMPROVEMENT DISTRICT

Signature of Witness	Signature of President
Printed name of Witness	<u>Curt Tiefenbrun</u> Printed Name of President
	Date
	Approved as to form and legality
	District Counsel
	FIRM
State of Florida County of <u>Palm Beach</u>	Clabeltach Inc
The foregoing instrument was acknowledged before me on this	Globaltech, Inc.
<u>16th day of <u>October</u>, 2023 by</u>	Signature
Richard D. Olson, who is personally known to me OR producedas identification.	<u>Richard D. Olson, Vice President of Engineering</u> Name and Title (typed or printed)
Signature of Notary	<u>October 16, 2023</u> Date

Attachment A

Budget Summary

Attachment A1 Coral Springs Improvement District 151431 Surge Protection System Repair & Improvements

		Units	Quantity		Cost	Ext. Cost	Ext. Price
Bid Item							
	Surge Protection and Lightr	ning Suppression	System Repairs				
Admin Bldg.	Surge System Repairs	EA	1	\$	7,500.00	\$ 7,500.00	\$ 8,400.00
Maintenance Bldg.	Surge System Repairs	EA	1	\$	4,000.00	\$ 4,000.00	\$ 4,480.00
Lightning Suppression	System Repairs	Days	10	\$	1,500.00	\$ 15,000.00	\$ 16,800.00
	Engineering	Lot					\$ 14,508.00
	Allowance						\$ 5,000.00
				Pr	oject Total		\$ 49,188.00

ATTACHMENT A2

Coral Springs Improvement District

Work Authorization No. 218 - Surge Protection System Repair & Improvements

Engineering Fee Details

		E7	E4	E1	Adm 3	Adm 1		Expense/ Subconsul.		
Task	Task Description	\$190.00	\$155.00	\$85.00	\$75.00	\$50.00 Tot	Total Labor	Fee	Subconsul.	
1A	Project Management and Coordination									
	Preliminary field inspection	8		8	2		\$2,350			
	Project Development	4	4	0	2	2	\$1,630			
	Project Management and Coordination	4	8	0			\$2,000			
	Subcontract Management	2	4	4	2	2	\$1,590			
	Punchlist and Project Closeout	0	2	2	2	2	\$730			
1B	Engineering									
	Workstation UPS specification		8	8		1	\$1,970			
	TM Writeup		8	8			\$1,920			
1C	Construction Oversight									
	Site Visits and Oversight		4	16		1	\$2,030			
	Labor Total Hours	18	38	46	8	8	118			
	Labor Total	\$3,420	\$5,890	\$3,910	\$600	\$400	\$14,220			
	Subconsultant Labor Total							\$0		
	Subconsultant Multiplier							1.12		
	Subcontract Total							\$0		
	Expenses							\$250		
	Expenses Multiplier							1.15		
	Expense Total							\$288		
	ENGINEERING TOTAL							\$14,508		

Attachment B

BLP Proposal



Established '73

QUOTE #: 23-41814-82895

Date:	08/17/2023	Expires:	10/16/2023	Ref Specs:
Project:	CSID Main Campus			
Location:	10300 NW 11th Manor			
	Coral Springs, FL 3307	1		
	United States of Americ	a		
Custome	r: Globaltech, Inc.			Estimate Total: \$36,400.00
Administra	ation Building Lightning P	otection		\$19,900.00 Not included
Administra	ation Building Surge Prote	ection		\$7,500.00
Maintenar	nce Building Surge Protec	tion		\$4,000.00
Daily Rate for Lightning Protection Repairs - Not to				\$1,500.00 10 days - \$15,000
Exceed Ar	mount			10 4430 - \$10,000
Yearly Lig	htning Protection and Gro	unding Ins	pection	\$3,500.00 Not Included

Scope of Proposal

- Price includes installing a new Class 1 aluminum lightning protection system on the rooftop and tying into the existing grounding system
- Price includes removing and replacing the existing lightning protection system on the roof and tying into the existing ground system.
- 3) Proposal includes all labor, materials, shipping, and shop drawings unless noted below.
- 4) The above price is based on reusing the existing lightning protection equipment
- 5) The existing ground system, consisting of the downleads and ground rods, for the lightning protection system must remain intact during the reroof process. Any needed repairs will be at an additional charge
- 6) The lightning protection system will be installed per UL96A, LPI 175, and NFPA 780 lightning protection standards.

Notes

1) Surge Protection to be installed on the following: Administration Building - Panels HP and the two Transfer Switches located outside at the NW Corner. Maintenance Building - Panel DP3 and Panel PP3 located outside on the west side of the building.

Exclusions

- 1) Any needed repairs to the existing grounding system are excluded from this proposal
- 2) Price is based on adhering directly to the roof membrane and does not include furnishing and installing any sacrificial roofing pads, pavers, parapet brackets, membrane strips, etc. If required by the roofing manufacturer, approximately () are required.
- ³⁾ Roofing contractor to furnish and install all flashing and sealing for all roof penetrations

ACCEPTANCE OF BID

The above specifications, terms and contract are satisfactory and we hereby authorize the performance of this work.

Patrick C. Dillon,	President

Signed: Print Name:

Company:

Date:

BONDED LIGHTNING PROTECTION SYSTEMS, INC.

Bonded Lightning Protection Systems, Inc. Standard Terms and Conditions of sale, dated 09/27/2017 apply and are incorporated by reference as part of this quotation and any work resulting from this quotation. Should you need a copy please call 561-746-4336 or visit our website at www.bondedlightning.com/terms

Electrical License: EC13008770

TENTH ORDER OF BUSINESS

Globaltech, Inc. CSID Engineer's Report October 16, 2023

PROJECTS UNDER CONTRACT

WA#192 - Canal Right-of-Way Tree Inventory - On Hold

- Approved by Board $\frac{9}{20}{21}$
- Waiting on direction from CSID

WA#207 – 2024 DIW Mechanical Integrity Testing – In Progress

- Approved by Board 2/27/23
- Conduct Mechanical Integrity Testing of DIW 1 & 2 October 9, 2023
- Prepare Testing Report December 2023
- Substantial Completion December 2023
- Final Completion February 2024

WA#213 - Digester 1 Diffuser Replacement - In Progress

- Approved by Board 4/17/23
- Assisting staff with developing cleaning and testing protocol for air lines
- Ordered new diffusers anticipated delivery 9/22/23
- Resolving incorrect diffuser delivery

WA#214 - Blow-off Valve and Muffler Installation - In Progress

- Approved by Board $\frac{6}{19}/23$
- Prepared purchase orders and subcontracts
- Installed tap and valve $\frac{8}{18}/23$
- Muffler delivery anticipated October 2023
- Substantial Completion November 2023

WA#215 - Maintenance Building Insulation and Airflow Improvements - In Progress

- Approved by Board 7/18/23
- Prepared purchase orders and subcontracts
- Insulation work completed
- Doors ordered and should be delivered and installed by end of October
- Substantial Completion November 2023

Work Authorizations Under Development

- WA#177 Portable Generator Storage Building
- WA#216 Replacement LP Gas Tanks for PS 1 On current agenda
- WA#218 Electrical Surge System Improvements On current agenda
- WA#XXX New Control Panel for PW-2 On November Agenda
- WA#XXX New 5,000 Fuel Tank for Generator 5 On November Agenda

Eleventh Order of Business

11C



Ilw-law.com

Reply to: Tallahassee

CONFIDENTIAL

ATTORNEY/CLIENT

PRIVILEGED

October 4, 2023

Coral Springs Improvement District Attn: Curtis J. Tiefenbrun, President 10300 NW 11th Manor Coral Springs, FL 33071

RE: 2023-2024 Legislative Representation

Dear President Tiefenbrun:

On behalf of the law firm of Lewis, Longman & Walker, P.A. ("LLW"), I sincerely thank you for the opportunity to represent you on the above-referenced matter that is further defined in Section 2 of this Engagement Agreement ("Agreement"). The purpose of this Agreement is to document the terms of our professional relationship. A solid attorney-client relationship is built on a clear understanding of the terms of the relationship. Therefore, I ask that you review this letter with care and then either confirm your agreement to these terms or state any different or additional terms that you would like me to consider.

Client. Unless and until agreed by all parties in writing, LLW's only client in this matter is the 1. Coral Springs Improvement District (CSID).

Services. LLW will serve as Legislative Counsel to CSID, representing and advising CSID on 2. passage of a local bill during the 2024 Legislative Session. I will be the attorney in charge of this matter and will be responsible for providing and supervising the legislative services required. The legislative team will also include Lori Killinger. I will ensure that this matter is staffed in a manner adequate and appropriate to the requirements of the representation, including accessing the expertise of other LLW attorneys as needed. LLW's representation will include:

- Developing position papers and talk points relating to the legislative priorities, goals and initiatives;
- Acting as primary contact and coordinator for legislative and executive branch members for official positions on the legislative priorities, goals and initiatives;

JACKSONVILLE

245 Riverside Ave. Suite 510 Jacksonville, Florida 32202 T: 904.353.6410 F: 904.353.7619

ST. PETERSBURG 100 Second Ave. South Suite 501-S St. Petersburg, Florida 33701 Tallahassee, Florida 32301 T: 727.245.0820 F: 727.290.4057

TALLAHASSEE 106 East College Avenue Suite 1500 T: 850.222.5702 F: 850.224.9242

TAMPA 301 West Platt St. Suite A364 Tampa, Florida 33606 T: 813.775.2331

WEST PALM BEACH 360 South Rosemary Ave. Suite 1100 West Palm Beach, Florida 33401 T: 561.640.0820 F: 561.640.8202

See Things Differently®

Coral Springs Improvement District Attn: Curtis J. Tiefenbrun, President October 4, 2023 Page -2-

• Acting as lead strategist for passage, sponsorship and defeat of legislative priorities, goals and initiatives.

Any additional matters that you may ask us to undertake must be covered by separate Engagement Agreements and will require additional conflict checks.

3. <u>Term and Professional Fees</u>. The term of this agreement shall be from October 1, 2023, to June 30, 2024. The fee for these services shall be \$48,000.00, payable in nine (9) equal monthly payments of \$5,333.33. This agreement can be terminated by either party with thirty (30) days written notice.

4. <u>Communication and Cooperation</u>. In order for us to serve as your counsel, it is essential that we are able to contact you, and that you respond to our requests for information or documents as expeditiously and completely as possible. We may also require client personnel be made available to meet with us in relation to representing you in this matter. Please bear in mind that if we do not obtain such cooperation, the quality of our representation may suffer and we may feel constrained to withdraw from any further work.

5. <u>Costs</u>. LLW will charge you for direct costs incurred on your behalf for this representation. We may advance these costs and seek reimbursement in our billings or we may, at our discretion, require you to deposit these costs with us before the costs are incurred.

6. <u>Billing and Payment</u>. We will bill you on a monthly basis for professional services rendered and expenses incurred in connection with this matter. You agree to pay the amount of each invoice in full within twenty (20) days of the billing date. For the convenience of our clients, LLW accepts credit card payments for invoices. Payments received will be applied to the outstanding invoices specified by the payment. If a specific invoice is not specified, the payment will be applied to the oldest outstanding invoice. If you have any questions about the invoice or if you dispute any items or any invoice, you agree to notify me in writing within fifteen (15) days of the billing date of your question or concern. If no issues are raised within this time period, the firm will assume you do not have any dispute with the invoice. Any amount of fees and costs due remaining unpaid for more than thirty (30) days from the date of billing shall bear interest at the rate of twelve (12%) percent per annum, compounded daily, until paid.

7. <u>Default</u>. If you fail to abide by the terms of this Agreement, you will be considered in default of this Agreement and we may terminate our representation. In the event any suit or action is brought to enforce the provisions of this Agreement in any arbitration, or administrative or judicial proceeding, the prevailing party shall be entitled to an award of reasonable attorneys' fees and costs incurred in such proceedings, including appeals.

8. <u>Client Documents</u>. During the course of your matter, you may provide us with original or sensitive documents such as tax records, expense records, bank records, deeds, etc. We will hold these records, in our office, during the pendency of your action. At the conclusion of your matter

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and after all outstanding legal fees, costs and expenses, have been paid in full, you may arrange for the return of the original documents to you. It is your responsibility to secure the return of your original or sensitive documents. If you want a copy of all the matter files you will need to pay for the organization, copying/scanning and provision of same. We will retain all documents related to your matter for seven (7) years following the closure of your matter. At the conclusion of which the documents will be destroyed.

9. <u>Public Records</u>. LLW will keep and maintain public records required by you to perform the service. However, the parties agree that the nature of the retention contemplated herein does not render LLW a "public agency" within the meaning of the term in Chapter 119, Florida Statutes.

Upon request by your custodian of public records, as identified in the next section, LLW will provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.

For public records requests that require significant administrative time or the use of technology to fulfill, LLW will prepare an estimate of the cost of fulfilling the public records request and provide same to you in writing. If you have a policy regarding the manner of calculating charges for significant administrative time or the use of technology, LLW will follow the policy in developing the cost estimate. The policy will be attached hereto upon execution by you. If you do not have a specific policy for calculating charges for significant administrative time or the use of technology, LLW shall develop the estimate based on LLW's actual cost. Significant administrative time will be considered time in excess of 30 minutes. Labor costs shall be estimated based on 1.25 x the hourly rate of the lowest paid LLW member capable of performing the work. The cost of technology shall be estimated based on actual cost, with no mark-up.

LLW will ensure that public records maintained or created in connection with this representation that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of this Agreement term and following completion of the representation if LLW does not transfer the records to you.

Upon completion of the representation, LLW shall transfer, at no cost to you, all public records in possession of LLW related to the representation, in the format in which those records were ordinarily kept, provided that all electronic records shall be produced to you in a format that is compatible with your information technology systems. If you desire the records to be transferred in a format that is different than the above-referenced format, LLW shall prepare a cost estimate for the records conversion upon request, and provide the converted records to you upon approval of the cost estimate.

LLW shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. LLW may retain duplicate copies of non-exempt and non-confidential public records after the record copies are transferred to you.

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If you receive a public records request for materials the record copies of which are maintained by LLW, you shall immediately notify LLW of the request in writing. LLW will provide the records to you, or allow the records to be inspected or copied within a reasonable time, as directed by you. If you desire for LLW to review the records for responsiveness and/or exemption/privilege, you shall advise LLW of its desire in writing and LLW shall provide the service at the rates provided herein. If you seek for LLW to "certify" a public record, you should provide LLW with direction on the desired format of such certification along with the records request.

IF LLW HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO LLW'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, LLW WILL CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT <u>Please</u> fill in contact information for the Custodian of Public Records:

Telephone Number

E-mail Address

Mailing Address

10. <u>Binding and Entire Agreement</u>. This Agreement and any concurrent attachments represent the entire Agreement between the parties, and no party is relying or is entitled to rely on any representations not expressly contained herein. In addition, no changes may be made to this Agreement without the written consent of all the parties hereto.

We sincerely thank you for choosing LLW to assist you in this most important matter. If you agree with the foregoing terms and conditions, please sign in the space provided at the bottom of this Agreement and return to me. On behalf of LLW, I look forward to assisting you in this matter.

Sincerely,

M. Christopher Lyon

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ACCEPTED BY:

CORAL SPRINGS IMPROVEMENT DISTRICT

Ву:_____

Title:_____

Date:_____