#### SPECIAL CITY COUNCIL MEETING



February 21, 2024 at 6:30 PM

City Council Chambers, 16 Colomba Rd.

DeBary, Florida 32713

#### **AGENDA**

#### **CALL TO ORDER**

Invocation

Flag Salute

#### **ROLL CALL**

**PUBLIC PARTICIPATION**: For any items **ON THE AGENDA**, citizen comments are limited to five (5) minutes per speaker. Speakers will be called when the item is introduced for discussion.

#### **DELETIONS OR AMENDMENTS TO THE AGENDA (City Charter Sec. 4.11)**

#### **PRESENTATIONS**

Special Presentation, Gateway Center for the Arts

#### **NEW BUSINESS**

- 1. The Parks and Recreation Department is requesting City Council approval to renew the DeBary Babe Ruth Agreement and give the City Manager authority to execute a sponsorship agreement with the league to renew scoreboard sponsorships.
- 2. Staff is requesting the City Council approval of Hydra Services Inc. proposal for the purchase of 2 new submersible pumps at DeBary Plantation Pump Station.

#### **COUNCIL MEMBER REPORTS / COMMUNICATIONS**

Member Reports/ Communications

- A. Mayor and Council Members
- B. City Manager
- C. City Attorney

#### DATE OF UPCOMING MEETING / WORKSHOP

Regular City Council Meeting March 6, 2024, 6:30 p.m.

#### **ADJOURN**

If any person decides to appeal any decision made by the City Council with respect to any matter considered at this meeting or hearing he/she will need a record of the proceedings, and for such purpose he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based (FS 286.0105).

Individuals with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk at least three (3) working days in advance of the meeting date and time at (386) 668-2040.



# City Council Meeting City of DeBary AGENDA ITEM

Subject: DeBary Babe Ruth Agreement Approval
From: Jason Schaitz, Parks and Recreation Director

Meeting Hearing Date 2/21/24

Attachments:
( ) Ordinance
( ) Resolution

(X) Supporting Documents/ Contracts
( ) Other

#### **REQUEST**

The Parks and Recreation Department is requesting City Council approval to renew the DeBary Babe Ruth Agreement and give the City Manager authority to execute a sponsorship agreement with the league to renew scoreboard sponsorships.

#### **PURPOSE**

Approval is needed at this time to ensure we can start the Spring 2024 season on time. The City has had a long standing positive relationship with DeBary Babe Ruth and hope to continue our successes moving forward. DeBary Babe Ruth serves thousands of families annually through their baseball and softball programs. They have given back to the City through volunteerism and assisting with capital projects at Rob Sullivan Park and Bill Keller Park.

#### **CONSIDERATIONS**

The full agreement was approved last year for a term of one year with two annual renewals. This is the  $2^{nd}$  year of the current term and we have amended the agreement by adding the following:

- 1. Added section 7 titled Conduct and Sportsmanship to establish conduct expectations and procedures for league participants, parents, and coaches.
- 2. Added additional information to section 14 titled Concessions to add additional policies and procedures as we transition to new concessions operations in the new Sullivan Operations Center and remodeled Bill Keller Park concession stand.

#### **COST/FUNDING**

There are no direct costs for DeBary Babe Ruth. Indirect maintenance costs, including daily maintenance of the fields, are absorbed in the approved Parks and Recreation Department budget.

#### **RECOMMENDATION**

It is recommended City Council approve the 2023-2025 DeBary Babe Ruth Agreement renewal and give the City Manager authority to execute a sponsorship agreement with the league to renew scoreboard sponsorships.

#### **IMPLEMENTATION**

The 2024 amended agreement will be effective March 1, 2024 following the official start of the season at Opening Day Ceremonies on February 24, 2024.

#### **ATTACHMENTS**

ATTACHMENT A - DeBary Babe Ruth Amended Facility Use Agreement 23-25

ATTACHMENT B - DeBary Babe Ruth Balance Sheet 2024

ATTACHMENT C - DeBary Babe Ruth Budget 2024

ATTACHMENT D - DeBary Babe Ruth PNL 2024

ATTACHMENT E - DeBary Babe Ruth Financial Notes

ATTACHMENT F - DeBary Babe Ruth Certificate of Insurance

### Facility Use Agreement DeBary Babe Ruth and the City of DeBary

WHEREAS, the City of DeBary ("City") is agreeable to allowing the West Volusia Athletic Club, Inc. d/b/a DeBary Babe Ruth ("League") use of said facilities on park property owned or leased by the City; and

WHEREAS, it is desirable that the respective duties and responsibilities of the parties be set forth in a written agreement (the "Agreement" or the "Contract"); and

WHEREAS, both parties hereto agree that the services and instruction rendered by the League and the land provided by the City are for the good and betterment of the community and in the best interest of the public;

**NOW, THEREFORE**, in consideration of the mutual covenants and understandings set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which the parties hereby acknowledge, the parties agree as follows:

#### WITNESSETH:

- 1. <u>Field Use:</u> For and in consideration of the covenants herein contained, the City does hereby agree to the use of certain City recreation facilities by the League as described herein, to wit: Rob Sullivan Community Park ball fields #1, 2, and 3 and Bill Keller Park ball fields #1, 2, and 3; and as future and post-season League use dictates (the "Premises" or "Fields" or "Parks"). The League must supply the City with any League use requests a minimum of two weeks in advance to confirm date, time, availability, and location of needs. Fields will be provided starting with the Skills Assessments each season and ending with Closing Day Ceremonies as well as provided for Summer All Stars as needed.
- 2. Additional Field Use: If available, the League may use the Fields twice annually for kickball, baseball, or softball tournaments, leagues or clinics for fundraising purposes upon the agreement of the City. The League must supply the City with any additional use requests a minimum of two weeks in advance to confirm date, time, availability, and location of needs. The League may not use the fields under this agreement for team practices outside of approved League dates and must rent the fields based on availability for this use.
- 3. Growth Management: In order to manage growth effectively and reduce the strain on facilities the League agrees to not allow participation to increase more than a maximum of 10% from season to season. Allowable growth percentage may be adjusted annually as deemed necessary by the City based on the overall use of the facilities. Growth Percentage Benchmark shall be determined by the greater of: A. The season immediately prior to current season or B. The largest historical season. The City reserves the right to cap the Leagues participation if growth exceeds the allowable growth percentage or exceeds available field space to conduct games and practices. The City may require the League to seek out additional field space at the expense of the League based on overall facility use at Bill Keller Park and Rob Sullivan Park.

- 4. <u>Registration</u>: The League agrees to, at a minimum, reserve the first week of registration each season for DeBary residents only. The league shall not take registrations past the first game of the season unless space is available on current teams only.
- 5. Term: This Amended Agreement originally approved 2/15/2023 shall continue its current term to be a one-year contract with one (1) additional one-year renewal remaining conditioned upon the mutual consent of the parties and the parties' compliance with the renewal terms set forth herein. The term of this Agreement is for the one-year period beginning on March 1, 2023, and shall be subject to written requested renewal by exchange of written notice between the parties as set forth herein. Notwithstanding the preceding, either party may cancel this Agreement at will and in its sole discretion upon thirty (30) days written notice to the other party. Renewal of this Agreement shall be expressly conditioned upon the following terms:
  - A. That both parties shall be willing to renew the Agreement.
  - B. That a request for renewal shall be made in writing by the League in December of each year.
  - C. The League shall furnish the following information:
    - I. A financial report covering the prior period of the Agreement, indicating the complete expenditures of the League.
    - II. A statement relative to the goals set for the coming year and how they are proposed to be accomplished.
- 6. Hold Harmless: The League agrees to and will at all times indemnify, save and hold harmless the City, its elected and appointed officials, officers, agents, and employees from and against all liability, claims, demands, damages and costs of every kind and nature. including attorney's fees at trial or appellate levels and all court costs arising out of injury to or death of the League's employees, agents, invitees, guests, members, and youth players, and damage to any and all property, including loss of use thereof, resulting from or in connection with activities or use of the above facilities by the League, its agents, servants, employees, volunteers, members, guests, invitees or youth players, or resulting from the negligence, intentional torts, and criminal actions of the League, its agents, servants, employees, volunteers, members, guests, invitees and youth players. The League and the City acknowledge and agree that the League is solely responsible for the reasonable supervision, control, protection and safety of the League's agents, servants, employees, volunteers, members, guests, invitees and youth players. The League shall upon request from the City, defend and satisfy any and all suits arising from the League's use of the Premises. This paragraph and all indemnification and hold harmless provisions of this Agreement shall survive the termination and expiration of this Agreement. Further, nothing in this Agreement shall be deemed to affect the rights, privileges, and immunities of the City as set forth in the constitution and the laws of the state of Florida, including without limitation, section 768.28, Florida Statutes.

- 7. Conduct and Sportsmanship: The City has a strict no tolerance policy on unsportsmanlike conduct during youth and adult sports events and it is expected the league does as well while using City facilities. In order to ensure the league is holding participants to the same standards, the City requires the following:
  - A. All coaches and managers must sign a code of conduct prior to each season.
  - B. The league must proactively promote conduct expectations to all parents, coaches, and participants prior to the start of each season.
  - C. The league must put signage in all spectator areas during games to outline conduct expectation.
  - D. The league must have board supervision at all games.
  - E. The league must train umpires to manage games and handle unsportsmanlike conduct incidents if they occur.
  - F. The league must adopt and automatic ejection and suspension policy for any spectator who enters the play area without permission.
  - G. The league must have an enforcement and disciplinary process in place when unsportsmanlike conduct incidents occur.
  - H. A representative(s) for the league must hold the following certifications from the National Alliance of Youth Sports (www.nays.org).
    - I. League Director Certification
    - II. Coaches Certification
    - III. Officials Certification

#### 8. The City agrees to:

- A. Maintain the playing fields in accordance with the standards deemed appropriate by the City. Any other requests or instructions must be submitted in writing by the League and approved by the City.
- B. Also provide:
  - I. Maintenance of water fountains and restroom facilities.
  - II. Preventative maintenance and management of turf grass within areas specified for use.
  - III. Access to field tools and other tools as required providing field lining.
  - IV. One set of bases per field (League will provide extra sets).
  - V. Maintenance of electrical scoreboards and field lighting.
  - VI. Preventative maintenance of bleachers and fencing.
- C. Provide extra clay on-site at all times for minor field repairs.
- D. Assume payment of all utilities, except for natural gas which the League will provide at its expense. The City reserves the right to issue guidelines to the League and others concerning the usage of lighted areas.
- E. Provide trash receptacles, trash liners, and paper products for restrooms and concession facilities.

- 9. The League agrees that during its season it will:
  - A. Coordinate the League activities and provide all staff or volunteers essential for operating such a program.
  - B. Maintain the grounds outside and inside of the playing area free of paper, litter, and debris accruing from the operation of any concession stand and League activities. This includes the field and bleacher areas. Remove all trash from the receptacles in and around the field areas and take trash to the dumpster as needed. The City will provide additional trash liners.
  - C. Assist in keeping restrooms/grounds clean during games and checking restrooms during use of the facilities. Will also make a final clean up prior to leaving at day's end. Agrees to install supplies (provided by the City) for restroom facilities and keep facilities clean when City maintenance is unavailable.
  - D. Maintain concession facilities in accordance with specifications established by the State Sanitary Code.
  - E. Provide, at its own expense, regular monthly pest control services for any City concession facilities the league operates.
  - F. Provide all equipment associated for said activity, i.e., balls, scorebooks, player equipment, etc.
  - G. The League representative shall assume responsibility for making the decision of field playability when City staff is not available. If damage to the field shall result from the use of the fields as determined by the Parks Superintendent or his/her designee, following the League representative's decision, the League shall be financially responsible for the repair of the field.
  - H. Shall not add any materials to the playing field without the consent of the City. (Clay may be added for minor repairs. Drying agent "Turface" may be added at the rate of one bag per wet area).
  - I. Obtain the written prior approval of the City before physical improvements or additions are made to any facilities in the Parks. Unapproved contested work done to the facilities will require restoration back to original condition of the parks by the League at its expense.
  - J. Not make any irrigation control adjustments except in the case where irrigation is directly interfering with a League activity in progress. At such time, the controller will be turned off and the Parks Superintendent notified no later than the next business day. Furthermore the City, in cooperation with the St John's River Water Management District has established very stringent and precise water usage regulations. Failure to comply will result in violations and fines to the guilty party.

- K. Report damage, vandalism, problems, and safety hazards to the City immediately.
- L. Provide one individual to act as the League representative and liaison between the League and the City.
- M. Maintain control of coaches, officials, participants and spectators, and ask rule violators to leave the parks or contact appropriate law enforcement agency as necessary. The League agrees to have a League official on park grounds during all games to enforce League and park rules.
- N. Refrain from abusing the electrical or lighting system. (i.e., Provide adequate notice to the City so that actual play schedule coincides with automatic lighting schedule.)
- O. Provide the City with a complete list (including names, addresses and phone numbers) of all League Board members, volunteers, and coaches. The League will provide a written statement listing the total number of participants that are City residents and non-residents.
- P. Provide the City with a copy of the League rules, regulations, charter, guidelines and organizational chart.
- Q. Report all accidents or injuries to coaches, players, spectators, visitors and participants within 48 hours, by telephone and with a follow up written report.
- R. Provide the City with details of registration information (dates, times, locations, costs, etc.).
- S. Provide training to League officials, coaches, volunteers, as to the proper techniques and use of maintenance equipment (tools, rakes, etc.) prior to use.
- T. Return equipment to its original condition prior to storing.
- U. The City will issue any necessary codes/combinations/ and or keys to be used by the League board members and team managers. These items are not to be duplicated or shared outside of the League needs.
- V. Provide the City for approval, a copy of schedules for desired space needs (before each season begins) to include any Park area described in this Agreement. The preseason schedule and each subsequent schedule should be provided to the City a minimum of two weeks in advance.
- W. Provide for natural gas to operate the facilities at the League's expense.
- X. The League will provide batters' boxes and base lines prior to scheduled games with equipment and materials provided by the City.

- Y. Provide monthly reports to the City Parks and Recreation Director detailing the number of games played, the number of injuries and type of injuries sustained by anyone participating in or attending a League event on or at the facilities, and the number of attendees of the League's events occurring at the facilities, including League employees, players and volunteers.
- Z. The League will prominently display "DeBary Babe Ruth" on all advertising, marketing, and league apparel.
- 10. Primary Spring Season: During the primary spring season starting in March of each year, the League shall have the use of the above referenced facilities. This usage to be determined by the League submitting to the City, for City approval, a schedule of practices, games, and special events on or before two weeks prior to the commencement of the League's spring and fall seasons. If the League desires to make a change to the approved schedule submitted to the City, the League shall request in writing such change from the City Parks and Recreation Director at least twenty-four (24) hours in advance of the unscheduled day the League desires to not utilize the facilities, or whichever day occurs first in the event of rescheduling from a scheduled day to an unscheduled day. The City Parks and Recreation Director, in his or her sole discretion, shall have the right to grant or deny the League's request for a schedule change.

If the League fails to use the facilities on a day listed on the approved schedule, the League will be charged a penalty of twenty-five dollars (\$25.00) per occurrence, unless the League submitted a proper and timely request for a schedule change and City Parks and Recreation Director approved such change in the League's schedule. The League shall release use of the facilities at times when they are not scheduled, or when they are required for use by the City for purposes of maintenance or use by others, including but not limited to weekday light hours when public school is in session. At all other times, scheduling of all facilities is at the sole discretion of the City.

The League acknowledges and agrees that there may be times when the City will need to utilize the facilities, or otherwise deny the League's use of the facilities on its scheduled day(s), due to an emergency or any other important event that may occur which the City determines in its sole discretion, requires the City to deny the League use of the facilities. In the event the City denies the League's use of the facilities on an approved schedule day(s), the League shall release use of the facilities immediately upon notice to the League by the City. Throughout the year, no other entity shall use the League's equipment or fixtures supplied by the League without its express permission. The League must contact the City at least two (2) weeks in advance for scheduling of post season or all-star competition.

11. Secondary Fall Season: During the secondary Fall season starting in September of each year, the League and the City will negotiate and mutually agree upon field usage that will not interfere with existing or future City sponsored programs. Excluding the scheduling section of this document, all other agreements and covenants will remain in effect during the secondary season. The League is hereby authorized and instructed to make, keep and maintain reasonable rules and regulations regarding the use of the facilities by members of the League and the League agrees to keep said Premises and the buildings thereon in a

sanitary and clean condition, and keep the Premises in as good condition as it is now, ordinary wear, tear and damage by the elements excepted. The City shall inspect the facility regularly and the City's determination as to the condition of the facility will be final. The League also agrees to enforce the City Park rules posted at each facility.

- 12. <u>Sunday Games:</u> The League at its own cost and expense will be responsible for field prep and maintenance if scheduled games take place on a Sunday during the approved season dates. If this is not possible for the League they may elect to not have any maintenance coverage but will be subject to subsequent field conditions. The league agrees to designate approved personnel prior to the season to be responsible for City field maintenance and maintenance equipment. Approved league maintenance designee's must complete a training provided by City staff and complete maintenance logs for the duration of the season. The League will be responsible for any damage to the maintenance equipment or the field that occurs while maintaining the fields for Sunday games. The League and any field maintenance designees must sign a separate waiver and hold harmless agreement to be provided by the City prior to each season upon completion of the field maintenance training by City staff. All signed weekly maintenance logs must be turned into the Parks Superintendent within one week of the final game of the season. No outside equipment may be used on the fields. Failure to comply with any of the above guidelines will result in loss of City maintenance equipment use as well as loss of Sunday field usage.
- 13. <u>Insurance</u>: The League at its own cost and expense shall keep in force during the term of this Agreement; insurance from an insurance company licensed in the State of Florida and rated "A", Class "X" or better by A.M. Best. The required insurance shall be evidenced by a certificate of insurance, which must be submitted to and approved by the City prior to the effective date of this Agreement.

The City of DeBary shall be named as an additional named insured under the policy, and the City shall be provided with a thirty-day (30) notice in the event of cancellation, non-renewal or adverse change to the policy.

The League shall provide, on forms no more restrictive than the latest edition of those filed by the Insurance Services Office, Comprehensive General Liability Insurance with a minimum limit of \$1,000,000.00 per occurrence combined single limit to include:

- A. Premises Operations
- B. Independent Contractors
- C. Products Completed Operations
- D. Broad Form Contractual
- E. Personal Injury

Failure to comply with this requirement shall render this Agreement void at the election of the City except all indemnification and hold harmless provisions and provisions pertaining to the City's sovereign immunity protections shall survive.

- 14. Concessions: In the event that the League operates a concession facility or in any way distributes or sells food, beverages, candy or foodstuffs of any description, the League agrees to fully indemnify the City (in accordance with paragraph 5 herein) from any claim or cost arising from the provision of such foodstuffs, appliances, utensils, or cooking equipment of any kind. The City agrees to provide a space for the league to provide concessions and maintain the concession facility to include the facility structure, mechanical, plumbing, and electrical. In the event the concession facility becomes unusable for any reason the City has the right to shut down the concession facility or relocate concession operations at the City's discretion. While operating concessions within the City concession facility the league must adhere to the following:
  - A. Hold a health department permit. Notify the City if an inspection is scheduled along with the results of that inspection.
  - B. Hold and maintain a Certified Food Protection Manager certification.
  - C. No stove top or open cooking of any kind inside the stand. Cooking inside will be limited to ovens, air fryers, crock pots, microwaves, and warmers. Any additional appliances must be approved by the City prior to use in the stands. Any open cooking must be outside the stand.
  - D. No grease is to ever be poured down any drain inside the stand. All grease and excess food must be disposed of properly.
  - E. Maintaining cleanliness and maintenance of the facility and appliances based on the State of Florida Sanitary Code.
  - F. Disposing of all trash, clutter, and grease regularly.
  - G. Open, close, and shut down the stand based on City standards and guidelines provided to the league and the league's concessionaire.
  - H. Must provide all your own utensils, pots, pans, and another other cookware.
  - I. Cleaning, repair, and replacement of all appliances, utensils, and cooking equipment of any kind.
  - J. Only operate the stands during the main Spring and Fall seasons based on the approved season dates. Any requests to operate concessions outside the Spring and Fall seasons would have to be approved by the City and use of the stands would may not be allowed.
  - K. Operate concession facilities during non-League related sports activities and/or special events at the request of the City. If the League cannot operate concessions during these pre-determined dates the City reserves the right to operate and/or assign this service to outside vendors.

The League may subcontract concession operations to an outside concessionaire with written approval from the City. In the event concession operations is subcontracted, the league must provide proof that the subcontractor is covered under the Leagues insurance or have the subcontractor provide proof of insurance to the City. Subcontracting concession operations does not assign or transfer any responsibility by the League under this agreement and the League is fully responsible for the subcontractor's actions and performance under the guidelines of this agreement. The City reserves the right to accept the League's use of a subcontractor or to reject the selection of a particular subcontractor, and to review any subcontractor in order to make a determination as to the capability of the subcontractor to perform properly under this Contract. The subcontractor is subject to an

additional facility use agreement with the City for use the concession facility at the City's discretion.

- 15. This Agreement may not be assigned or transferred in any manner by the League or the City and any such assignment or transfer is expressly prohibited.
- 16. This Agreement shall be binding upon the parties hereto and their successors and assigns.
- 17. Any previously existing oral or written agreements shall be terminated as of the date of this Agreement and shall be deemed to be hereafter null and void and of no further force and effect whatsoever.
- 18. No modifications, amendments, or alterations in the terms or conditions contained in this Agreement shall be effective unless contained in a written document executed by the parties.
- 19. This Agreement shall be governed by and interpreted in accordance with the laws of the state of Florida. Any and all legal action arising out of this Agreement will have its exclusive venue in a court of appropriate and proper jurisdiction in Volusia County, Florida.
- 20. If any terms or provisions of this Agreement, or the application thereof to any person or circumstance shall, to any extent, be held invalid or unenforceable, then the remainder of this Agreement, or the application of such terms or provision to persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Agreement shall be deemed valid and enforceable to the fullest extent permitted by law.

IN WITNESS WHEREOF, the partie	es hereto have executed this Agreement this, 2024.
Date: 2114124	Date:
Print Name: Mul Minm	Print Name:
Signature:	Signature:
Rick McBride, President	Witness
West Volusia Athletic Club, Inc.	West Volusia Athletic Club, Inc.
d/b/a DeBary Babe Ruth	d/b/a DeBary Babe Ruth
Date:	
Print Name:	
Signature:	
Mayor - City of DeBary	

4:41 PM 01/31/24 Accrual Basis

## West Volusia Athletic Club - DeBary Babe Ruth Balance Sheet

As of September 30, 2023

	Sep 30, 23
ASSETS Current Assets Checking/Savings Operating 2 Umpire Account 2	128,993.56 15,739.22
Total Checking/Savings	144,732.78
Total Current Assets	144,732.78
TOTAL ASSETS	144,732.78
LIABILITIES & EQUITY Equity Retained Earnings Net Income	106,394.03 38,338.75
Total Equity	144,732.78
TOTAL LIABILITIES & EQUITY	144,732.78

### **DeBary Babe Ruth Budget**

#### Income

All Star Fees \$ 16,700.00 All Star Parent Shirts \$ 1,986.00 Concessions \$ 53,545.00 Umpires \$ 7,955.00 Opening Day \$ 3,450.00 Parent Shirts \$ 3,965.00 Pictures \$ 1,499.00 Registration Fall \$ 69,900.00 Registration Spring \$ 77,569.00 Sponsors \$ 44,500.00 Xtreme Fee \$ 15,900.00 Total Program Income \$ 296,969.00 Gross Profit \$ 296,969.00 Expense Advertising \$ 1,450.00 Clinics \$ 425.00 Contract Services \$ 71,230.00 Facilities/Equipment \$ 84,698.00 Charter/Insurance \$ 17,265.00 Christmas Parade \$ 1,002.00 Computers/Internet \$ 1,355.00 Equipment \$ 20,500.00 License/Fees \$ 1,035.00 Office Supplies \$ 1,054.00 Opening Day \$ 3,565.00 PO BOX \$ 229.00 Tournament Fees \$ 10,100.00 Trophies \$ 11,250.00 Umpires \$ 47,896.00 Capital Allocation General \$ 5,000.00 Capital Allocation Sign Sponsors \$ 15,000.00 \$ 293,054.00

> End of Year \$ 3,915.00

4:40 PM 01/31/24 Accrual Basis

## West Volusia Athletic Club - DeBary Babe Ruth Profit & Loss

October 2022 through September 2023

	Oct '22 - Sep 23
Ordinary Income/Expense Income Program Income Registrations	325,228.23
Total Program Income	325,228.23
Total Income	325,228.23
Cost of Goods Sold	7,512.64
Gross Profit	317,715.59
Expense Advertising	313.99
Contract Services	30,392.49
Facilities and Equipment	89,076.55
Operations	157,953.81
Taxes	1,640.00
Total Expense	279,376.84
Net Ordinary Income	38,338.75
Net Income	38,338.75

#### **DeBary Babe Ruth Financial Notes**

- 1. Fiscal year ends in the middle of October Fall Registration after sign ups but before expenses are incurred.
- 2. Expenses include uniforms for 900 players and coaches, balls, catchers gear, umpires etc.
- 3. Estimate cash on hand after expenses is \$40,000.
- 4. \$25,000 is earmarked as prior funds raised for capital improvements for the park.
- 5. Actual cash on hand is \$15,000.

**ACORD™** 

#### CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 2/1/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

and terminate account reminer ingine to the community	(-)	
PRODUCER		
K&K INSURANCE GROUP, INC.	CONTACT NAME: Hollie Lamle	
1712 MAGNAVOX WAY PO BOX 2338	PHONE (A/C, No. Ext): 800-736-7358 FAX (A/C, No): 847-953-2873	
FORT WAYNE IN 46801	E-MAIL hollie.lamle@kandkinsurance.com	
INSURED	INSURER(S) AFFORDING COVERAGE NAIC #	
MEMBER NO:	INSURER A: New Hampshire Insurance Company 23841	
WEST VOLUSIA ATHLETIC CLUB BABE RUTH LEAGUE	INSURER B: National Union Fire Ins Co of Pittsburgh 19445	
	INSURER C:	
DBA: West Volusia Athletic Club, Inc.	INSURER D:	
PO Box 530035	INSURER E:	
DeBary, FL, 32753	INSURER F:	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

2		TYPE	OF IN	SUR	ANCE			POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
Х	COMME	RCIAL	GENE	RAL	LIABILITY						EACH OCCURRENCE	\$2,000,000
	CL	AIMS-	MADE	>	OCCUR				02/01/2024	02/01/2025	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
						Υ		AIL0003450194702	12:01 AM	12:01 AM	MED EXP (Any one person)	\$ 5,000
											PERSONAL & ADV INJURY	\$2,000,000
GEN	L AGGRE	GATE	LIMIT	APP	LIES PER:						GENERAL AGGREGATE	\$5,000,000
	POLICY		PRO	DJEC	T LOC						PRODUCTS-COMP/OP AGG	\$2,000,000
	OTHER:				<u> </u>						PARTICIPANT LEGAL LIABILITY	\$2,000,000
AUT	OMOBILE	LIAB	ILITY								COMBINED SINGLE LIMIT (Ea Accident)	\$1,000,000
	ANY AUT	ГО							02/01/2024		BODILY INJURY (Per person)	
	OWNED AUTOS (	NI Y						AIL0003450194702		02/01/2025 12:01 AM	BODILY INJURY (Per accident)	
Х	HIRED			Х	NON-OWNED AUTOS ONLY				12:01 AM	12.0.7	PROPERTY DAMAGE (Per accident)	
	UMBREL	LA L	AB	#	OCCUR						EACH OCCURRENCE	
	EXCESS	LIAB		#	CLAIMS-MADE						AGGREGATE	
	DED		RETEN	OITI	N							
					Y/N						PER STATUTE OTHER	
ANY	<b>PROPRIE</b>	TOR/	PARTN	IER/E							E.L. EACH ACCIDENT	
(Mandatory in NH)		N/A					E.L. DISEASE – EA EMPLOYEE					
				TION:	S below						E.L. DISEASE - POLICY LIMIT	
DAE	TICIDAL	UT A	CIDE	NT				AID0003450495202	02/01/2024 12:01 AM	02/01/2025	Excess Medical	\$250,000
FAR	HOIPAI	VI A	CIDE	.141				AID0003430135202	12.01 AW	12.01 AW	AD&D	\$ 15,000
	AUTO X WORAND OFFI (Mannifi fyes) DESC	X COMMEI CL. GEN'L AGGRE POLICY OTHER: ANY AUTO OWNED AUTOS ( AUTOS (  UMBREL EXCESS DED  WORKERS CC AND EMPLOY ANY PROPRIE OFFICER/MEN (Mandatory in If yes, describe DESCRIPTION	X COMMERCIAL CLAIMS-I POLICY OTHER: ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY X HUTOS ONLY WIMBRELLA LI EXCESS LIAB DED WORKERS COMPEI AND EMPLOYERS' ANY PROPRIETOR/ OFFICER/MEMBER (Mandatory in NH) If yes, describe undel DESCRIPTION OF CO	CLAIMS-MADE  CLAIMS-MADE  CLAIMS-MADE  CLAIMS-MADE  CLAIMS-MADE  CLAIMS-MADE  CLAIMS-MADE  CLAIMS-MADE  POLICY PRO OTHER:  AUTOMOBILE LIABILITY  ANY AUTO OWNED AUTOS ONLY  HIRED AUTOS ONLY  UMBRELLA LIAB EXCESS LIAB  DED RETEN  WORKERS COMPENSATIC AND EMPLOYERS' LIABIL ANY PROPRIETOR/PARTICALU (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATICALU  TYPE OF IN.  THE OF IN.  AUTOMOBILE LIABILITY  ANY AUTO OWNED AUTOS ONLY	CLAIMS-MADE  CLAIM	TYPE OF INSURANCE  X COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE X OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER:  POLICY PROJECT LOC  OTHER:  AUTOMOBILE LIABILITY  ANY AUTO  OWNED AUTOS ONLY AUTOS  X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY  UMBRELLA LIAB # OCCUR  EXCESS LIAB # CLAIMS-MADE  DED RETENTION  WORKERS COMPENSATION AND EMPLOYERS' LIABILITY  ANY PROPRIETOR/PARTNER/EXECUTIVE  OFFICER/MEMBER EXCLUDED?  (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	TYPE OF INSURANCE INSD  X COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE X OCCUR  Y  GEN'L AGGREGATE LIMIT APPLIES PER:  POLICY PROJECT LOC  OTHER:  AUTOMOBILE LIABILITY  ANY AUTO  OWNED AUTOS ONLY AUTOS  X HIRED AUTOS ONLY AUTOS ONLY  UMBRELLA LIAB # OCCUR EXCESS LIAB # CLAIMS-MADE  DED RETENTION  WORKERS COMPENSATION AND EMPLOYERS' LIABILITY  ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?  (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	X COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE X OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER:  POLICY PROJECT LOC  OTHER:  AUTOMOBILE LIABILITY  ANY AUTO  OWNED  AUTOS ONLY  X HIRED  AUTOS ONLY  X HIRED  AUTOS ONLY  X HON-OWNED  AUTOS ONLY  WMBRELLA LIAB # OCCUR  EXCESS LIAB # CLAIMS-MADE  DED RETENTION  WORKERS COMPENSATION  AND EMPLOYERS' LIABILITY  ANY PROPRIETOR/PARTNER/EXECUTIVE  OFFICER/MEMBER EXCLUDED?  (Mandatory in NH)  If yes, describe under  DESCRIPTION OF OPERATIONS below	X COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE X OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER:  POLICY PROJECT LOC  OTHER:  ANY AUTO  OWNED  AUTOS ONLY  HIRED  AUTOS ONLY  AUTOS ONLY  AUTOS ONLY  WMBRELLA LIAB # OCCUR  EXCESS LIAB # CLAIMS-MADE  DED RETENTION  WORKERS COMPENSATION  ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?  ((Mandatory in NH))  If yes, describe under DESCRIPTION OF OPERATIONS below	X COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE X OCCUR  Y AIL0003450194702 12:01 AM  GEN'L AGGREGATE LIMIT APPLIES PER:  POLICY PROJECT LOC  OTHER:  AUTOMOBILE LIABILITY  ANY AUTO  OWNED  AUTOS ONLY  X HIRED  AUTOS ONLY  AUTOS ONLY  AUTOS ONLY  AUTOS ONLY  WORKERS COMPENSATION AND EMPLOYER'S LIABILITY  ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMER EXCLUDED?  (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below  O2/01/2024  12:01 AM  AIL0003450194702  AIL0003450194702  O2/01/2024  12:01 AM  N/A  O2/01/2024  N/A  O2/01/2024	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR  CEN'L AGGREGATE LIMIT APPLIES PER: POLICY PROJECT LOC OTHER:  AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY X AUTOS O	X COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE X OCCUR  Y AIL0003450194702 12:01 AM 2:01 AM 2:01 AM 2:01 AM 2:01 AM 2:01 AM 2:01 AM 3:01 AM 2:01 AM 3:01 AM 2:01 AM 3:01 AM 2:01 AM 3:01

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

THE CERTIFICATE HOLDER IS AN ADDITIONAL INSURED, BUT SOLELY WITH RESPECT TO THE OPERATIONS OF THE NAMED INSURED.

Owner, manager or lessor of the premises where you conduct practices or games

SEXUAL ABUSE/MOLESTATION: \$1,000,000 PER OCCURRENCE/\$2,000,000 AGGREGATE

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
City of DeBary	AUTHORIZED REPRESENTATIVE
16 Columba Rd.	
DeBary, FL 32713	Scott hunter



# City Council Meeting City of DeBary AGENDA ITEM

Subject:	Plantation Pu	mp Station	Attachments:
	New Pump Pu	ırchase	( ) Ordinance
From:	Amy Long, De	puty Public Works Director	() Resolution
			() Supporting Documents/ Contracts
Meeting He	earing Date	February 21, 2024	( ) Other

#### **REQUEST**

Staff is requesting the City Council approval of Hydra Services Inc. proposal for the purchase of 2 new submersible pumps at DeBary Plantation Pump Station.

#### **PURPOSE**

The purpose of this request, during offseason, is to improve and optimize the Western Emergency Pumping System.

#### **CONSIDERATIONS**

- The City has been experiencing mechanical issues with the pumps located at the DeBary Plantation Pump Station. We have repairing our pumps, which were purchased in 2008 (16 yrs old), however, we are still experiencing issues with Pump #1 & Pump #2
- Pump #1 was rebuilt in 2023 for \$25,649.66. After 9 months, due to various issues with the system, Pump #1 failed again. The cost to repair Pump #1 is estimated at \$16,515.18. We have not moved forward this repair and the pump remains in the shop. During the winter months, we have located a temporary 8" pump at the station to support Pump #2.
- Pump #2 was also repaired in 2023 at a cost of \$22,908.15. It is still working, however, it still has noticeable vibrations during the operations of the pump.
- In consulting with experts, Council approved the repair of 11 Air Release Valves. They have been repaired and are in good working order.
- These 2 pumps are part of the Western Emergency Pumping System which is critical infrastructure
  to prevent flooding and protect residents homes. After further evaluation and consulting with
  experts, it was determined it would be in the best interest to go ahead and replace the old pumps
  for optimum long-term performance.
- Once approved, the pumps will be delivered within 6-8 weeks and installation shortly thereafter.

- The make and model of these pumps are Sulzer/ABS model XFP305J-CB2.370mm-PE630/6 submersible solids-handling pump, 84.5hp, 3/460v, with 49'of motor cable. Includes closed loop motor cooling systems and stainless steel lifting bail.
- Hydra Services, Inc., is our contracted pump maintenance provider. Due to time constraints and uniqueness of the pumps for this station, the best purchasing option was to use Hydra Services as a sole source. Hydra Services has a branch office located in DeBary and specializes in Sulzer pumps.

#### **COST/FUNDING**

The Hydra Services, Inc. proposal (230523-3DJ-R2) totals \$136,892.00. Staff is requesting a contingency of an additional \$20,000.00 for any possible additional modifications to the station, pumps and/or values. The total cost will be \$156,892.00. These cost will be allocated towards the Stormwater Fund Reserves.

#### **RECOMMENDATION**

It is recommended that the City Council approve the Hydra Services, Inc. proposal, as a sole source, to purchase 2 new submersible pumps for the DeBary Plantation Pump Station and authorize a \$20,000 contingency for any additional modifications to the station, pumps and/or values, totaling \$156,892.00.

#### **IMPLEMENTATION**

Immediately upon approval.

#### **ATTACHMENTS**

Attachment A – Sale Quote - 230523-3DJR2 Attachment B – Pump Specification Sheet

#### Attachment A





250 Springview Commerce Drive

Debary Florida 32713 Phone: 407 330 3456 Phone: 800 323 1731

407 330 3404 Fax:

City of Debary TO:

ATTN: **Chad Qualls** 

**PHONE** 

cqualls@debary.org E-mail:

407-401-3107

Sales Representative **Contact Information** 

Cell Phone: 407-790-9751

FROM:

Dale Jahn

EMAIL:

dale@hydraservice.net

DATE:

February 12, 2024

QUOTE:

230523-3DJ-R2

REF:

Plantation Blvd. Stormwater Pump Replacement

- Sulzer/ABS model XFP305J-CB2.370mm-PE630/6 submersible solids-handling pump, 84.5hp, 3/460v, with 49' of motor cable. 2 cable. Includes closed loop motor cooling system and stainless steel lifting bail.
- Trip by a representative of this company for installation & startup services.

#### Notes:

- Existing slide brackets will be used.
- Upon PO or letter of intent from the City of Debary, Hydra Service will provide & install (1) of these pumps for a trial period not to exceed 30 days. Provided the pump operates satisfactorily with the discharge valve fully open and without excessive noise or vibration, the City agrees to move forward with the purchase of both pumps. If there are operational issues with the pump during the trial period, Hydra Service will remove the pump with no charge to the city and no further obligation by the city.

PLUS ANY FEDERAL, TOTAL PRICE, F.O.B. JOBSITE, FREIGHT INCLUDED \$136,892.00 STATE OR LOCAL TAXES WHICH MAY APPLY. TERMS ARE NET 30 DAYS. PRICES ARE FIRM 30 DAYS "HYDRA SERVICE INC TERMS & CONDITIONS APPLY" PAYMENT TERMS NET 30 DAYS. 6-8 WEEKS AFTER RECEIPT IN OUR OFFICE OF COMPLETE ESTIMATED DELIVERY: APPROVED SUBMITTAL DATA AND SIGNED PROPOSAL. THESE TERMS ARE INDEPENDENT OF, AND ARE NOT CONTINGENT UPON THE TIME OR MANNER IN WHICH PURCHASER MAY RECEIVE PAYMENT FROM OTHERS. **2** DAY OF FACTORY START-UP IS INCLUDED AND REQUIRED FOR WARRANTY. PAYMENT FOR MATERIALS WILL BE REQUIRED BEFORE THE AUTHORIZED START-UP IS CONDUCTED.

ACCEPTED DATE	Review Date:	02/12/2024	_
		Dale M. Jahn	
NAME OF PURCHASER	REVIEWED	BY HYDRA SERVICE P	UMP REP



Submersible Sewage Pump Type ABS XFP

XFP 305J-CB2 | 12", 6 Pole, 3-Phase, 60 Hz, PE5

		· Oper	Jiiioatio.	ns, PE5 Frame  NEMA design B, squirrel cage induction
Motor Design	n			Fully enclosed Premium Efficiency submersible, IP68
Motor Type				protection rating
Mater Efficie	ency Standard	and Dat	ing	IEC 60034-30, IE3 rating
Motor Efficie	ency Standard	and Nat	my	IEC 60034-2-1
Insulation Ma		OCOI		Class H, 180°C (356°F), copper windings
Motor Filling				Air
Temperature				Class A
	uid Temperati	iro		40°C (104°F) continuous, 50°C (122°F) intermittent
Cooling Syst		OPT		Closed-loop, non-toxic glycol/water mixture (1/3 / 2/3)
Cooming Syst	tem	<u> </u>	<100 HP	Normally closed bimetallic switch in each phase, connected in series, 140°C (284°F) +/- 5°C (41°F) opening temperature
	Thermal	STD	≥100 HP	Normally closed bimetallic switch in each phase, connected in series, 140°C (284°F) +/-5°C (41°F) opening temperature, plus 100Ω RTD (PT100) in winding, upper hearing, and lower bearing
Motor Protection		OPT	<100 HP	STD (<100 HP) plus: upper and lower bearing bimetallic switches or 100Ω RTD (PT100) in winding (option of one RTD or three RTDs in stator) and RTDs in lieu of upper and lower bearing bimetallic switches
			≥100 HP	STD (≥100 HP) plus: three 100Ω RTDs (PT100) in windings in lieu of one
			<100 HP	Moisture detection probe in seal sensing chamber (for use with appropriate relay)
	Leakage	STD	≥100 HP	Moisture detection probe in seal sensing chamber, motor housing, and junction chamber (for use with appropriate relay)
		OPT	<100 HP	STD plus: probes in motor housing and junction chamber
	Vibration	OPT	1,001	Vibration sensor (4-20 mA) in junction chamber
Sanging Cha	mber Filling			Oil
Sensing One	aniber rining i	STD		Cylindrical roller, permanently lubricated
Bearing	Upper	OPT		STD plus; electrically insulated
Туре	Lower			Dual angular contact ball bearings plus single cylindrical roller bearing, permanently lubricated
Motor Starte	er Types			Suitable for use with electronic soft starters, and PWM type Variable Frequency Drives <sup>1</sup>
Maximum St	tarts per Hour			10 evenly spaced w/ soft starters; N/A with PWM type VFD
Inverter Duty				Motors meet NEMA MG1, part 31 requirements
Maximum Si				20 meters (65 feet)
Available Vo				230, 460, 600 (consult factory for other voltages)
	erance from R	ated		+/-10%
Agency App		-/		Factory Mutual, CSA
	roof Rating			NEC 500 Class 1, Division 1, Group C & D, Class T3C may surface temp



Output filters may be required on VFDs. See document DS-E00-001 for details.

Motor Model	Input Power	Rated Power	Nominal	Rated Voltage	Full Load	Locked Rotor	NEMA Code Letter	NEMA Service Factor	Motor Efficiency at % Load			Power Factor at % Load		
	(P1)	Output (P2)	RPM	voltage	Amps	Amps			100	75	50	100	75	50
PE 520/6	55.0 kW	52 kW 70 HP	1190	230 460 600	C/F 86 66	C/F 854 655	L	1.3	94.5	94.1	92.8	.800	.733	.604
PE 630/6	66.7 kW	63 kW 84 HP	1190	230 460 600	C/F 104 79	C/F 1035 794	L	1.3	94.5	94.1	92.6	.808.	.741	.611
PE 860/6	90.5 kW	86 kW 115 HP	1191	230 460	C/F 141	C/F 1338 1026	L	1.3	95.0	94.6	93.5	.807	.740	.608





### Submersible Sewage Pump Type ABS XFP

XFP 305J-CB2 | 12", 6 Pole, 3-Phase, 60 Hz, PE5

Cable Data,	LOTTONIO		T		Cable Nominal Outside	Diameter +/5mm (.02")
	Motor	Motor Voltage	Cable Qty	Cable Type	Power	Ground
		230 volt	C/F	C/F	C/F	C/F
	PE 520/6	460 volt	1 1	G-GC 2-3	34.0mm (1.34")	Integrated w/ Power
	FL 32010 _	600 volt	1 1	G-GC 4-3	30.2mm (1.19")	Integrated w/ Power
Power Cable		230 volt	C/F	C/F	C/F	C/F
Power Cable	PE 630/6	460 volt	1 1	G-GC 2-3	34.0mm (1.34")	Integrated w/ Power
	PE 030/0	600 volt	1 1	G-GC 4-3	30.2mm (1.19")	Integrated w/ Power
		230 volt	C/F	C/F	C/F	C/F
	PE 860/6	460 volt	1	G-GC 1/0-3	41.9mm (1.65")	Integrated w/ Power
	FE 000/0	600 volt	1 1	G-GC 2-3	34.0mm (1.34")	Integrated w/ Power
		Motor	Cable Oh	Cable Type	Cable Nominal Outside	Diameter +/5mm (.02")
	Moni	itoring Type <sup>3</sup>	Cable Qty			
	Std monitoring		1	SOOW 16/4		n (0.42")
	Opt full monitor		1	SOOW 16/8		n (0.56")
Control Cable	Opt full monitor	ring w/ VS 4	1	SOOW 16/10	17.2m	m (0.68")
Control Cable	Opt full monitor	ring w/ 3 RTDs	1 1	SOOW 16/12	17.7m	m (0.70")
	Opt full monitor		2	SOOW 16/10	17.2m	m (0.68")
	Opt full monitor	ring w/ 3 RTDs & VS 4	2	SOOW 16/8	14.2m	m (0.56")
	Opt full monitor	ring w/ 5 RTDs & VS 4	2	SOOW 16/10		m (0.68")
			Ontional: 5m	(16 feet) increments up to 30m (98	g feet), Consult Factory for long	er lengths
Cable Length	Standard: 15m	(45 1661)		to to the size bit metallic quitable 4		

<sup>3</sup> See motor protection on page 1. Optional full monitoring systems with RTD options do not include bearing bi-metallic switches. <sup>4</sup> VS = Vibration Sensor

Pump D	ata										
Discharge S	ize	12" flanged, compatible with 12" class 125 ANSI flanges 12" undrilled / 12" flanged, compatible with 12" class 125 ANSI flanges, threaded for 12x7/8-9 UNC screws, 30mm (1.2"									doon
Suction Size	e (Wet-Pit / Dry-Pit) 5	12" undrilled	/ 12" flanged,	compatible w	ith 12" class 1	25 ANSI flang	ges, threaded	for 12x7/8-9 U	NC screws,	30mm (1.2)	ueep
<b>Volute Pres</b>	euro Rating	10 bar (145 p	osi)								
Impeller Type		Semi-open, 2	2-vane, Contra	ablock Plus, w	// Seal Protect	tion System					T
	Code	-	-	-	-		-	000 (45.4)		-	+
Impeller	Diameter, mm (in.)	330 (13.0)	340 (13.4)	350 (13.8)	360 (14.2)	370 (14.6)	380 (15.0)	390 (15.4)			-
Solids Passage Size, mm (in.)		120x160	120x160	120x160	120x160	12UX16U	120x160	120x160			
		(4.7x6.3)	(4.7x6.3)	(4.7x6.3)	(4.7x6.3)	(4.7x6.3)	(4.7x6.3)	(4.7x6.3)			-
Min. Recommended Flow, GPM <sup>8</sup>		2000	2200	2500	2500	2600	2800	2900			

<sup>5</sup> Wet-pit version can be drilled to dry-pit specifications upon request. Consult factory for details. <sup>6</sup> Recommend minimum continuous flow. Consult factory for applications below this flow rate

Materiale	of Construction	(Standard)	Optional	
- 10 1	LO-ble leekst	Chlorinated Polyethylene (CPE)	Chlorinated Polyethylene (CPE) w/ Viton® Sleeve	
Power/Control Cable Jacket		Ductile Iron EN-GJS-400-18 (ASTM A-536; 60-40-18)	Duplex Stainless Steel 1.4470 (ASTM A890, CD3MN Grade 4A)	
Lifting Hoop		Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)		
Cable Connection Chamber		Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)		
Motor Housing		Cast Iron EN-GJL-250 (ASTM A-46, Class 500)	Stainless Steel 1.4571 (AISI 316Ti)	
Cooling Jacket		Steel 1.0036 (ASTM A-570, Grade D)	Citalinese etce; inter t (riber etc.)	
Intermediate Housing		Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)		
Seal Plate/Cooling Chamber		Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	Duplex Stainless Steel 1.4462 (UNS S31803)	
Pump and Mo	otor Shaft	Stainless Steel 1.4021 (AISI 420)	Duplex Stainless Steel 1.4470 (ASTM A890, CD3MN Grade 4A)	
Impeller		Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	Duplex Stainless Steel 1.4470 (ACTM 7000), OBOMIT Crade 1/1)	
Wear Parts	Impeller Wear Ring			
	Volute Wear Ring	N/A	Duplex Stainless Steel 1.4470 (ASTM A890, CD3MN Grade 4A)	
	Bottom/Wear Plate	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B) 7	Duplex Stainless Steel 1.4470 (ASTW A030, CD3WN Grade 4A)	
	Shroud	N/A	Duplex Stainless Steel 1.4470 (ASTM A890, CD3MN Grade 4A)	
/olute		Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	Duplex Stainless Steel 1.4470 (ASTM A090, CD3MN Grade 4A)	
External Hardware		Stainless Steel 1.4401 (AISI 316)	(0)	
O-Rings and Cable Glands		Nitrile (Buna-N)	Viton® 240.00	
Mechanical	Lower	Silicon Carbide / Silicon Carbide, Nitrile, 316 SS	Silicon Carbide / Silicon Carbide, Viton®, 316 SS	
Seals	Upper	Silicon Carbide / Silicon Carbide, Nitrile, 316 SS		
Lower Bearing Lip Seal		Nitrile (Buna-N)	(7.0 '1) - 000 (44.0 - 1)	
Coating/Protection		Two-part epoxy, blue, 100µm (3.9 mil) DFT	Two-part epoxy, blue, 200µm (7.9 mil) or 360 µm (14.2 mil); Coal tar epoxy, blue, 200 µm (7.9 mil); Non-toxic epoxy, blue, 200 µm (7.9 mil); Zinc Anodes	

<sup>7</sup> Hardening of bottom edge of impeller vane and wear plate surface available. Consult factory for details.

General Data (Standard Materials of Construction & Cable Length)								
	PE 520/6	PE 630/6	PE 860/6					
Overall Height	1896mm (74.6")	2016mm (79.4")	2016mm (79.4")					
≈ Pump Weight (Non-Cooled)	1310 kg (2889 lb)	1400 kg (3087 lb)	1495 kg (3296 lb)					





No: M-02.2884 - 02 2		XFP 305J-CB2		
Dat/Nam.: 11.05.2016 / K. Srb				
Cad Code: M_022884		Dimension sheet PE5 WET WELL Installation dual guide rail 2"		
Technical changes reserved		Maßblatt PE5 Nassinstallation Zwei-Rohrführung 2"		
Änderungen vorbehalten		Plan d'encombrement PE5 installation submersible Double barre de quidage 2"		



