

BOARD OF SUPERVISORS AGENDA ITEM REPORT AWARDS / CONTRACTS / GRANTS

F Award C Contract C Grant	
Award & Contract & Grant	Requested Board Meeting Date: 5/16/2023
* = Mandatory, Information must be provided	or Procurement Director Award:
*Contractor/Vendor Name/Grantor (DBA):	
James, Cooke & Hobson, Inc.	
*Project Title/Description:	
Flygt Submersible Pumps and Parts	
*Purpose:	
extend the termination date to 05/25/2024, approves an av	135, Amendment No. 4. This Amendment exercises the annual renewal option to verage 6.8% price increase, and appends the Forced Labor of Ethnic provision ork to the contract. No additional funds are required at this time. Administering
*Procurement Method:	
	e source procurement, on 04/02/2019, the Board of Supervisors approved an award amount of \$588,000.00 with four (4) one-year renewal options.
	ndment No. 1, which extended the termination date to 05/25/2021 and added a ative not-to-exceed contract amount of \$699,000.00. Three (3) renewal options
	dment No. 2, which extended the termination date to 05/25/2022 and added the to-exceed contract amount of \$1,287,000.00. Two (2) renewal options remained.
On 04/25/2022, the Procurement Director approved Amend 25% average price increase. No Additional funds were adde	dment No. 3, which extended the termination date to 05/25/2023 and approved a d at the time. One (1) renewal option remained.
PRCUID: 330275	
Attachment: Master Agreement	
*Program Goals/Predicted Outcomes:	
	sed in sump, sludge, filtrate, tank drain, storm water and sewer conveyance
systems at County water treatment facilities.	
*Public Benefit:	
Efficient processing of sewage and daily reclamation of 30 n	nillion gallons of treated water.
*Metrics Available to Measure Performance:	
Department will monitor on-time delivery and billing to ens	ure contract compliance.

10: COB 5-3-23 pgs:6 Vers.14

*Retroactive:

No.

THE APPLICABLE SECTION(S) BELOW MUST BE COMPLETED

Click or tap the boxes to enter text. If not applicable, indicate "N/A". Make sure to complete mandatory (*) fields

Contract / Award Information		
Document Type:	Department Code:	Contract Number (i.e., 15-123):
Commencement Date:	Termination Date:	Prior Contract Number (Synergen/CMS):
Expense Amount \$*		Revenue Amount: \$
*Funding Source(s) required:	_	
Funding from General Fund?	es C No If Yes \$	%
Contract is fully or partially funded wi	th Federal Funds?	C No
If Yes, is the Contract to a vendor o	r subrecipient?	
Were insurance or indemnity clauses If Yes, attach Risk's approval.	modified? C Yes	ſ No
Vendor is using a Social Security Num If Yes, attach the required form per Adn	ber r	€ No
Amendment / Revised Award Infor	<u>mațion</u>	•
Document Type: MA	Department Code: <u>PO</u>	Contract Number (i.e., 15-123): <u>19-135</u>
Amendment No.: 4		AMS Version No.: <u>14</u>
Commencement Date: 05/26/23		New Termination Date: <u>05/25/24</u>
	·	Prior Contract No. (Synergen/CMS):
•	rease C Decrease	Amount This Amendment: \$ 0.00
Is there revenue included?	′es 🧖 No If Yes \$	
*Funding Source(s) required: WW	<u>Ops Fund</u>	
Funding from General Fund?	res Ro If Yes \$	
Grant/Amendment Information (for	or grants acceptance and awa	rds) C Award C Amendment
Document Type:	Department Code:	Grant Number (i.e., 15-123):
Commencement Date:	Termination Dat	te: Amendment Number:
Match Amount: \$	[Revenue Amount: \$
*All Funding Source(s) required:		
*Match funding from General Fun	d? TYes TNo If Ye	es\$
*Match funding from other source *Funding Source:	,	es\$%
*If Federal funds are received, is fu	anding coming directly from t	the Federal government or passed through other organization(s)?
Contact: Procurement Officer: Mic	chael Warren Digitally signe Date: 2023.05	d by Michael Warren 5.01 12:55:45 -07:00 Acting Manager: Troy McMaster Date: 2023:05:01 13:00:44 -07:00
Department: Procurement Director	- Terri Spencer Digitally signate: 2022	gned by Terri Spencer 3.05.01 13:16:29-0700' Telephone: <u>520-724-3730</u>
Department Director Signature:	show for how	Date: 5/2/23
Deputy County Administrator Signature	re:	Date: 5/2/2023
County Administrator Signature	Our	Date: 5/2/2023



MASTER AGREEMENT

PIMA COUNTY, ARIZONA

THIS IS NOT AN ORDER - TRANSMISSION CONSTITUTES CONTRACT EXECUTION

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Master Agreement No: 19000000000000000135

MA Version: 14

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Description: Flygt Submersible Pumps and Parts

I Pima County Procurement Department
S 150 W. Congress St. 5th FI
S Tucson AZ 85701
U Issued By: MICHAEL WARREN
Phone: 5207243730
R Email: michael.warren@pima.gov

Used Amount:

\$549.264.27

٧ JAMES COOKE & HOBSON INC Contact: No Contact Ε 505-344-7100 Phone: 4210 Hawkins St NE Ν Email: accountspayable@jchinc.com Albuquerque NM 87109 D Terms: 0.00 % 0 Days: R

Shipping Method:

Vendor Method

Delivery Type:

FOB:

FOB Dest, Freight Prepaid

Modification Reason

Amendment No. 4 exercises the annual renewal option to extend the termination date to 05/25/2024, approves an average 6.8% price increase, appends the Force Labor of Ethnic Uyghurs provision to the contract, pursuant to A.R.S. § 35-394, "Pursuant to A.R.S. § 35-394, if Contractor engages in for-profit activity and has 10 or more employees, Contractor certifies it is not currently using, and agrees for the duration of this Contract to not use (1) the forced labor of ethnic Uyghurs in the People's Republic of China; (2) any goods or services produced by the forced labor of ethnic Uyghurs in the People's subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China. If Contractor becomes aware during the term of the Contract that the Company is not in compliance with A.R.S. § 35-394, Contractor must notify the County within five business days and provide a written certification to County regarding compliance within one hundred eighty days.", and appends Attachment B, Scope of Work to the contract. No additional funds are required at this time.

This Master Agreement incorporates the attached documents, and by reference all instructions, Standard Terms and Conditions, Special Terms and Conditions, and requirements that are included in or referenced by the soliciation documents used to establish this agreement. All transactions and conduct are required to conform to these documents.



MASTER AGREEMENT DETAILS

Master Agreement No: 1900000000000000135

MA Version: 14

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Line	Description						
1	Pump, Submersible, 3127.06	0,			•		,
	10hp, 3ph, 60hz, 460v Discount 0.0000 %	UOM Ea	Unit Price \$13,888.00	Stock Code 27344	VPN EID 27344	MPN	
2	Pump, Submersible, 3102.07 Discount 0.0000 %	0, 6.5hp, 3ph, 6 UOM EA	50hz, 230v, Unit Price \$10,888.00	Stock Code 27344	VPN EID 27344	MPN	
3	Pump, Submersible, 3127.09 Discount 0.0000 %	1, 10hp, 3ph, 6 UOM EA	0hz, 230v, Unit Price \$13,248.00	Stock Code 27344	VPN EID 27344	MPN	
4	Pump, Submersible, 3153.09 23hp, 3ph, 60hz, 460v Discount 0.0000 %	5, UOM EA	Unit Price \$25,668.00	Stock Code 27344	VPN EID 27344	MPN	
5	Pump, Submersible, 3201.09 Discount 0.0000 %	1, 47hp, 3ph, 6 UOM EA	0hz, 460v, Unit Price \$49,788.00	Stock Code 27344	VPN EID 27344	MPN	·
6	Pump, Submersible, 3127.09 Discount 0.0000 %	1, 10hp, 3ph, 6 UOM EA	0hz, 230v, Unit Price \$14,868.00	Stock Code 27344	VPN EID 27344	MPN	
7	Pump, Submersible, 3102.07 Discount 0.0000 %	0, 5hp, 3ph, 60 UOM EA	hz, 230v, Unit Price \$10,488.00	Stock Code 27344	VPN EID 27344	MPN	
8	Pump, Submersible, 3127.07 7.5hp, 3ph, 60hz, 230v, Discount 0.0000 %	0, UOM EA	Unit Price \$13,498.00	Stock Code 27344	VPN EID 27344	MPN	
9	Pump, Submersible, 3152.09 Discount 0.0000 %	1, 20hp, 3ph, 6 UOM EA	0hz, 230v Unit Price \$26,948.00	Stock Code 27344	VPN EID 27344	MPN	
10	Pump, Submersible, 3127-09 10hp, 3ph, 60hz, 460v, Discount 0.0000 %	1, UOM EA	Unit Price .\$12,888.00	Stock Code 27344	VPN EID 27344	MPN	
11	Pump, Submersible, 3231/76 Discount 0.0000 %	6, 335hp, 3ph, UOM EA	60hz, 460v, Unit Price \$184,428.00	Stock Code 27344	VPN EID 27344	MPN	
12	Pump, Submersible, 3127.07 11hp, 3ph, 60hz, 460v, Discount 0.0000 %	0, UOM EA	Unit Price \$16,648.00	Stock Code 27344	VPN EID 27344	MPN	
13	Pump, Submersible, 3171.09 35hp, 3ph, 60hz, 460v, Discount 0.0000 %	5, UOM EA	Unit Price \$39,868.00	Stock Code 27344	VPN EID 27344	MPN	
14	Pump, Concertor, 6020.090, Discount 0.0000 %	7.5hp, 3ph, 60h UOM EA	nz, Unkv, Unit Price \$18,848.00	Stock Code 27344	VPN EID 27344	MPN	
15	Pump, Concertor, 6020.090, Discount 0.0000 %	10hp, 3ph, 60hz UO M EA	z, Unkv, Unit Price \$19,888.00	Stock Code 27344	VPN EID 27344	MPN	,
16	Pump, Submersible, 3400/71 60hp, 3ph, 60hz, 460v, Discount 0.0000 %	5, UOM EA	Unit Price \$128,788.00	Stock Code 33513	VPN EID 27344	MPN	
17	Pump, Submersible, 3300.09 88hp, 3ph, 60hz, 460v, Discount 0.0000 %		Unit Price \$121,648.00	Stock Code 27344	VPN EID 27344	MPN	·

PIMA COUNTY

MASTER AGREEMENT DETAILS

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18	Pump, Submersible, 3301 Discount 0.0000 %	I.095, 105hp, 3p UOM EA	h, 60hz, 460v, Unit Price \$96,838.00	Stock Code 27344	VPN EID 27344	MPN
19	Pump, Submersible, 3171 25hp, 3ph, 60hz, 460v, Discount 0.0000 %	UOM EA	Unit Price \$39,688.00	Stock Code 27344	VPN EID 27344	MPN
20	Pump, Submersible, 3127 10hp, 3ph, 60hz, 460v, Discount 0.0000 %	7.185, UOM EA	Unit Price \$13,888.00	Stock Code 33164	VPN	MPN NP3127.185
21	Pump, Submersible, 3174 Discount 0.0000 %	1.095-0004, 25hp UOM EA	o, 3ph, 60hz Unit Price \$34,878.00	Stock Code 33642	VPN	MPN 3171.095-0004
22	Sensor, Level w/60 Ft Cal Discount 0.0000 %	ble, ENM-10, 58: UOM EA	2-88-31 Unit Price \$298.00	Stock Code 21378	VPN EID 27344	MPN 582-88-31
23	Kit, Repair Basic, 601890 Discount 0.0000 %	9 UOM EA	Unit Price \$2,094.00	Stock Code 16890	VPN	MPN 6018909
4	Grommet, NPR 29MM ID : Discount 0.0000 %	52MM OD, 08418 UOM EA	804 Unit Price \$39.72	Stock Code 21224	VPN	MPN 0841804
:5	Freeform Discount 0.0000 %	WOU	Unit Price \$0.00	Stock Code 27344	VPN	MPN
6	Kit, Ring 3067, 80-32-43 Discount 0.0000 %	UOM EA	Unit Price \$47.60	Stock Code 12235	VPN	MPN 80-32-43
7	Pump, Submersible, 3127 10hp, 3ph, 60hz, 230v, EF Discount 0.0000 %		Unit Price \$14,868.00	Stock Code 27344	VPN EID 27344	MPN
:8	Pump, Submersible, Flyg Discount 0.0000 %	jt NZ 3102MT3 - UOM EA	Adaptive 462 Unit Price \$11,388.00	Stock Code 34030	VPN EID 34030	MPN NZ-3102- MT- 3
9 .	Relay Module, Mini-Cas, Discount 0.0000 %	120/24VAC, 14-4 UOM EA	107129 Unit Price \$729.73	Stock Code 34665	VPN	MPN 14-407129
0	Pump, Submersible, 2.5H Discount 0.0000 %	IP, 4630.492, Fly UOM EA	gt Unit Price \$12,688.00	Stock Code 33298	VPN	MPN 4630.492
31	Pump, Submersible,15hp Discount 0.0000 %	o, Axial Flow/SS UOM EA	PP4660 Flygt Unit Price \$47,029.00	Stock Code 33569	VPN	MPN 4660.410-3171
					•	

ATTACHMENT B - SCOPE OF WORK

Master Agreement No. MA-PO-19-135, Amendment 4

Title: Flygt Submersible Pumps and Parts

1. SCOPE – Contractor shall provide overhaul and repair services on Flygt pumps used in Pima County. Services shall be performed within manufacturer's Operation and Maintenance manual guidelines for the specific pump model. Service may be performed on the pump rotating assembly only or complete pump/motor unit. The level of repair needed will be determined at the time of estimate. Overhaul and repair services include, but are not limited to the following:

1.1 LEVEL 1 Overhaul and Repair.

- a) Disassemble pump.
- b) Clean and inspect all parts.
- c) Install new sleeves, packing/mechanical seals, bearings, wear rings, o-rings and gaskets (as needed) regardless
 of existing conditions.
- d) Pump/Motor operations test (test Stator windings with Megohmeter and surge test with report)
- e) Reassemble and perform Hydrostatic pressure test or full load test as required by type of pump, run amp check and check bearings.
- f) Prepare and re-paint unit(s) to a "like new" exterior appearance to OEM specifications.
- g) Perform Vacuum Pressure Impregnation (VPI) on rewound motors five (5) horsepower and above.
- h) Fasten separate metal tag (screw or rivet) metal plate with the Contractor's name, address, phone number and date of motor repair next to manufacturer's dataplate.
- i) Any repairs required above Level 1:
 - · Parts and labor must be itemized separately for Level 1 repairs
 - Any repairs above a Level 1 repair must be approved by the County

1.2 LEVEL 2 Overhaul and Repair.

- a) All pump repairs shall include Level 1 Service and Stator rewind plus:
- b) Rewind Motor Stator.
 - The minimum class of insulation shall be class "H" as specified by NEMA.
 - Most of these motors will be open drip-proof motors.
- c) Upon completion and before delivery is taken on a motor overhaul or rewind, the motor or stator will be certified as surge comparison tested for winding condition and interrelationship. Include written test results and work orders with delivery ticket.
- d) Any repairs required above Level 2:
 - · Parts and labor must be itemized separately from the Level 2 repair
 - · Any repairs above a Level 2 repair must be approved by the County

1.3 Submersible Pump Overhaul and Repair.

- a) Disassemble, clean and inspect all parts.
- b) Mic and log all wear fit measurements.
- c) Install new shaft sleeves, mechanical seals (packing lantern rings and packing gland), bearings, stationary (casing) wear rings, casing gaskets, lip seals and snap rings regardless of existing condition.
- d) Clean, sandblast and apply coal tar or epoxy coating to the upper and lower casings.
- e) Reassemble rotating assembly in casing.
- f) Provide suction and discharge flange gaskets.
- g) Install new piping all pump ancillary lines (i.e. flushing and packing).
- h) Test run pump and check vibration readings and provide report.

1.4 Other Pump Overhaul and Repair.

- a) Remove pumps from site and return them to shop.
- b) Disassemble, clean and inspect all parts.
- Mic and log all wear fit measurements.
- d) Install new shaft sleeves, mechanical seals (packing lantern rings and packing gland for fire pumps), bearings, stationary (casing) wear rings, casing gaskets, lip seals, snap rings regardless of existing condition.
- e) Clean, sandblast and paint upper and lower casing.
- f) Reassemble rotating assembly and dynamically balance.
- g) Reassemble rotating assembly in casing.
- h) Provide suction and discharge flange gaskets.
- Install new piping for flush lines.
- j) Reinstall pump on-site and laser align.
- k) Run test pump and check vibration readings with reports.
- l) Submit reports on laser alignment and vibration readings.

ATTACHMENT B - SCOPE OF WORK

Master Agreement No. MA-PO-19-135, Amendment 4

Title: Flygt Submersible Pumps and Parts

- 2. CONTRACTOR RESPONSIBILITIES. Contractor must perform repair and return services and in a timely manner to minimize downtime at Pima County facilities. Contractor shall furnish all materials, labor, supervision vehicles and equipment (including forklifts and cranes) required to perform on or off-site services, which may include emergency repairs. Contractor will use EASA-certified technicians qualified to service explosion-proof motors, and provide proof of certification upon request by County.
 - 2.1 <u>Travel.</u> Contractor must be able to travel and provide the specified services throughout all of Pima County.
 - 2.2 <u>Transportation.</u> Contractor shall provide a vehicle with sufficient lift capacity to pick up and deliver motors and/or pumps weighing up to two (2) tons or 500 horsepower motors.
 - 2.3 Service Capabilities. Contractor must ensure the following capabilities are available:
 - a) Cleaning Power washing, steam cleaning, and sand-blasting.
 - b) Welding TIG (tungsten in gas); WIG (wire in gas); MIG (metal in gas).
 - c) Machining metal cutting, drilling, grinding
 - d) Heating Metalizing torch, Burn-off Oven, Bake Oven of sufficient size.
 - e) Dip Tank of sufficient capacity.
 - f) VPI (vacuum & pressure impregnation).
 - g) Hydraulic bearing pullers.
 - h) Dynamic balancing equipment and Vibration Analysis.
 - i) 5000 volt meg-ohmmeters testing and Surge comparison testing.
 - DC hypotential tester of sufficient capacity.
 - k) 460 volt test power supply to no load test run motors up to 500hp @ 460VAC
 - I) Stator core loss tester of sufficient capability.
 - m) Temperature-regulated burn-off oven of sufficient size.
 - n) Class H insulating materials epoxy or polyester resin of sufficient quantity to treat new windings.
 - o) Sufficient inventory of inverter-duty treated magnet wire.
 - p) Use of certified technicians to perform all services.
 - 2.4. Pickup and Delivery. Contractor shall be responsible for pick-up and delivery of all motors when and where requested by County. Contractor shall perform all pick-up or delivery within twenty-four (24) hours of notification by County. Contractor shall offer over-the-counter service for those County locations that do not request pick-up or delivery. Contractor may be requested to pick-up disassembled units. Alternatively, disassembled units may also be delivered to the Contractor by County. Contractor shall return repaired pump/motor to department within seven (7) working days from date of authorization to proceed or department approval of estimate/quote.
 - 2.5 Cost Estimates. Contractor shall provide an estimate for overhaul/repair before proceeding with any work. Contractor shall return an estimate/quote for cost of repair to the department within two (2) business days of pickup. The estimate will separately itemize parts by part number (when known), total labor, rental and other costs and discounts. Crane service and equipment provided by the Contractor shall be included in the estimate price and not billed separately. If rental equipment is necessary, Contractor shall affix equipment rental quotes from the provider to the written repair estimate and separately bill actual costs. Call-Out charges are allowed for emergency repairs only and must stated so on the written estimate and invoice.
 - 2.6. Warranty. Contractor shall warranty all service and parts to be free from defects in workmanship and materials for twelve (12) months after completion of service. Contractor shall respond to County within two (2) business days upon notification of a warranty claim. County shall not incur additional charges repair and return of warranty items.
 - a) County defines warranty failure as any failure during the warranty period due to manufacturer's defects, repair workmanship quality, improper repair methods, equipment repair misdiagnosis, and omission of key repair components or quality of repair parts used by the vendor. Pima County defines pump failure as, excessive casing or oil leakage, seal failure, abnormal noises, failure of vibration analysis, output flow/pressure below manufacturer's normal values, amperage draw over/under manufacture's normal values, OR ANY OTHER FAILURE VALUES not specifically listed herein.
 - b) Contractor will diagnose, repair in place or remove the equipment at their expense. Contractor will provide all labor, tools and equipment (i.e. forklift, crane) necessary to perform the in place repairs or equipment removal. If Contractor is unable to remove and/or transport the equipment, County personnel will provide this service at Contractor's expense. County will charge Contractor for all labor and equipment used (including rentals) to remove and reinstall the warrantied equipment on an hourly rate.

Title: Flygt Submersible Pumps and Parts

- **3. COUNTY RESPONSIBILITIES** County shall verify that any pumps or motors requiring repair are covered under terms of this agreement prior to requesting services from Contractor.
 - a) County will ensure all asset tracking information is recorded on the Contractor's Delivery Order.
 - b) County will ensure all repair items are cleaned and sanitized prior to service or pickup.
 - c) County shall notify Contractor in writing of any warranty issues immediately upon discovery.
 - d) County shall retrieve all irreparable items from the Contractor within three (3) business days of notification.
- **4. PARTS** Contractor shall install genuine OEM parts and coatings to complete service. Contractor may only use aftermarket parts or coatings if the OEM item is obsolete without replacement, and the aftermarket part meets or exceeds OEM specifications. County may request certification of OEM materials at any time and must approve installation of any aftermarket materials prior to start of repair or overhaul. Parts must be invoiced separately from labor on the invoice.
- **5. HOURS** Contractor shall perform field work during County's normal business hours 7:00am to 4:00pm Monday through Friday. This includes any follow up visit for a scheduled maintenance service due to a lack of parts or material. Contractor shall make as many follow up visits as necessary to complete the scheduled service, with each follow up visit to take place on consecutive days after original date of service to complete the service. Overtime must be approved by County.
- 6. SAFETY/SECURITY. Contractor will adhere to the following requirements while on County Water Treatment Facilities:
 - a) Contractor's personnel may be required to attend a plant safety briefing prior to coming on RWRD Plant sites. Contractor will contact the County employee prior to visit.
 - b) Contractor's employees are required to sign in with the RWRD Plant Site Administration Office immediately upon arrival at any RWRD facility and report to the County employee.
 - c) Contractor must wear an ID pass at all times while on plant site, and return ID pass at the end of each day to Regional Wastewater Reclamation Department Plant Site Administration Office.
 - d) Upon departure, the Contractor must check out with the County employee and leave a copy of work ticket(s).
 - e) Contractor will be required to provide their own Personal Protective Equipment (PPE) and wear the required plant site PPE. PPE may include but be not limited to hard hats, fall protection equipment and gear, steel toe boots, safety vest, eye protection, and hearing protection.
 - f) Contractor's vehicles must be clearly marked on the outside or windshield of the vehicle. The use of decals/magnets identifying the contractor's name or a sign displayed in the front window. Decals smaller than 8.5 inches by 11 inches will not be accepted.
 - g) Contractor shall wear an easily identifiable company shirt or badge worn at all times while on site.
 - h) Contractor is to leave a clean work site once the inspection or repair work is completed. Any chemical or fluid spills are to be immediately reported to the County employee. All debris shall be disposed of by the Contractor at the Contractor's expense. All job materials and equipment shall be removed or safely stored.
 - i) The County is not responsible for theft or damage to contractor's property.
 - j) All possible safety hazards to workers or the public shall be corrected immediately, and left in a safe condition at the end of each workday.
 - k) Contractor must provide all their own personnel, materials, and equipment to perform the necessary inspections/repairs at no additional cost to Pima County.
 - 1) Contractor must have and adhere to an OSHA complaint lock-out/tag-out and confined space program.
 - m) Contractor shall be responsible for the safety of their employees at all times.
 - n) RWRD site entry is restricted to authorized persons with proper identification such as driver's license, commercial driver's license, or a passport.
 - o) Contractor must submit an SDS to RWRD for approval prior to application of any chemical.
 - p) Smoking and e-cigarette/vaping devises, use of chewing/smokeless tobacco, alcohol, drugs, and weapons on all RWRD plant sites is prohibited.