

CITY OF HIGH POINT AGENDA ITEM



Title: Agenda Item – Sole Source for Westside WWTP Centrifuge Rebuild

From: Robby Stone – Interim Public Services Dir
Derrick Boone – Asst. Director Public Services

Meeting Date: March 7, 2022

Public Hearing: No

Advertising Date: N/A

Advertised By: N/A

Attachments: GEA Quote
Sole Source Form

PURPOSE:

To utilize GEA Westfalia to perform a major rebuild on the centrifuge at the Westside Wastewater Treatment Plant.

BACKGROUND:

The centrifuge at the Westside Wastewater Treatment Plant is used for de-watering solids as part of the wastewater treatment process. The centrifuge recently went off line due to a failed heat exchanger that has caused water to mix with the oil. Upon further investigation, it has been determined that the centrifuge needs a major rebuild including the replacement of the gear boxes. It is critical that the centrifuge be repaired and put back into service as soon as possible. Sludge is currently being hauled to the Eastside WWTP at a cost of \$3,000 per day.

On January 4, 2022, City Council approved the pre-purchase of sludge dewatering equipment that will be installed under a future contract that will be put out for bid for the Westside WWTP Sludge Dewatering System Improvements project. The new sludge dewatering equipment would be delivered in January 2023 with an estimated project completion of September 2023.

BUDGET IMPACT:

Funding is available in the 2021- 2022 Budget.

RECOMMENDATION / ACTION REQUESTED:

Public Services is recommending that GEA Westfalia be approved as a sole source vendor to repair the Westside WWTP centrifuge for the amount of \$107,338.56.

GEA Westfalia Centrifuge-
Westside WWTP





GEA Mechanical Equipment US, Inc.

GEA Westfalia Separator Division

100 Fairway Court
Northvale, NJ 07647

Phone (201) 767-3900
Fax (201) 767-3901
Sales.wsus@gea.com
www.gea.com

02.22.2022

CITY OF HIGH POINT

Dear Sir,

GEA Mechanical Equipment US Inc. is pleased to present the following exchange gear offer for your Westfalia Centrifuge.

**Model: CA 505
Serial Number: 8000-340**

Exchange Gear Offer

OFFER	P/N	UNIT PRICE	AVAILABILITY*
New with acceptable core return	8173 - 3270 - 130	\$32,685.10	STOCK IN GERMANY
New without core return	8173 - 3270 - 130	\$43,580.14	

OFFER	P/N	UNIT PRICE	AVAILABILITY*
New with acceptable core return	8173 3270 110	\$10,045.29	STOCK IN GERMANY
New without core return	8173 3270 110	\$13,393.72	

Estimated delivery time: 5-10 Business days
Subject to prior sale.

Notes:

1. ONLY a used gear assembly whose casing has not been opened can be considered for a core return.
2. After the used assembly has been received in Northvale (freight prepaid by customer) and inspected by GEA Quality Control in Germany, a core credit for the price difference between the assemblies with/without a core return shall be issued as applicable.

Gears quoted for an exchange with our Factory in Germany will not be quoted for repair, Gears sent in for repairs and disassembled for detailed quotes are no longer acceptable by our Factory for exchanges.

3. The offer for reconditioned units is entirely dependent upon availability

4. * Availability noted is always subject to prior sale. Reconditioned units may not be available for extended periods of time.

extended periods of time.

Terms & Conditions:

Pricing valid for 30 days.

Shipping terms: Ex-Works current stock location (shipping charges are not included)

Goods and Services provided in accordance with GEA Mechanical Equipment US, Inc. Standard Terms and Conditions. Copy is available upon request. Issuance of a Purchase order shall constitute unqualified acceptance of all the Terms and Conditions of this Order.

WARRANTY TIME PERIODS

NEW decanter gears

Standard: 3 months

Extended: 6 months WHEN the component is installed and commissioned with Seller Field Service oversight.

Reconditioned decanter gears

Standard: 30 days

Extended: 6 months WHEN the component is installed and commissioned with Seller Field Service oversight.

If you would like to make arrangements perform the exchange, please contact Paula Brown at 201-784-4353 or Paula.Brown@gea.com for Return Goods Authorization. A copy of relevant MSDS sheets for products and cleaning solutions will be required with the returned gear.

Luigi DeNegri
Repair Department

GEA Mechanical Equipment US, Inc. GEA Westfalia Separator Division - 100 Fairway Court - N

City of High Point WWTP
Willie Turner
1044 West Burton Road
Thomasville NC 27360

Period of validity
02/21/2022 to 03/21/2022
Offer No. Date
8700.379.299 02/22/2022

Enquiry No. customer

from 00/00/0000

Customer No.
13001260

Co-ordinator
Michael J Richmond
Tel.:
Michael.Richmond@gea.com

Quotation

Terms of delivery INCOTERMS 2010
EXW Ex Works Romeoville, Il

Terms of payment currency: USD
30 days

Trading conditions

This is an estimate of the approximate costs. Final charges will be totaled at the completion of the service and may differ from the quotation.

Any parts to be returned after service is completed must be sent back within two weeks of the service date otherwise you will be charged a restocking fee of 18%.

A PURCHASE ORDER IS REQUIRED BEFORE WORK CAN BE SCHEDULED OR PARTS SHIPPED."

ESTIMATE OF COST FOR: Two (2) technicians to perform a Major service on machine

Customer to supply assistance

MACHINE MODEL: CA505-00-12 S/N 8000-340

**PRICES VALID FOR 30 DAYS FROM DATE OF QUOTE

**LABOR & TRAVEL TIMES ARE ESTIMATED AND SUBJECT TO CHANGE

**EXPENSES WILL BE INVOICED AT ACTUAL COST

PLEASE INCLUDE QUOTE NUMBER ON PURCHASE ORDER

GEA Mechanical Equipment US, Inc.
GEA Westfalia Separator Division
100 Fairway Court, Northvale, NJ, 07647 USA
Tel: +1 201 767 3900
www.gea.com

Goods and services provided in accordance with GEA Mechanical Equipment US, Inc. Standard Terms and Conditions of Sale.

City of High Point WWTP
Willie Turner
1044 West Burton Road
Thomasville NC 27360

Offer No. 8700.379.299 Date 02/22/2022
Enquiry No. customer
from 00/00/0000

Equipment

183923 City Of High Point, Thomasville,NC,US 0013001260
0010-0033-844 8000-340 /CA 505-00-12

Item	Material Designation	Qty	UQ	Gross (USD)	Discount (%)	Net (USD)	Price (USD)
000003	9300-0002-900 LABOR HOURS 2 TECHS	80.00	PC	175.00	0.0	175.00	14,000.00
000006	9300-0002-241 OVERTIME HOURS 2 TECHS	20.00	PC	230.00	0.0	230.00	4,600.00
000009	9300-0002-120 TRAVEL HOURS 2 TECHS	32.00	PC	175.00	0.0	175.00	5,600.00
000012	9300-0002-306 ESTIMATED EXPENSES & FREIGHT	1.00	PC	3,500.00	0.0	3,500.00	3,500.00
000015	0004-1688-750 SHAFT SEALING RING	1.00	PC	21.46	-10.0	19.31	19.31
000018	0004-1692-750 SHAFT SEALING RING	1.00	PC	102.03	-10.0	91.83	91.83
000021	0004-1593-830 RADIAL GASKET	1.00	PC	151.46	-10.0	136.31	136.31
000024	0004-1696-300 NILOS GASKET	1.00	PC	250.85	-10.0	225.76	225.76
000027	0004-1759-780 GASKET	1.00	PC	135.79	-10.0	122.21	122.21
000030	0004-2092-550 GASKET	4.00	PC	13.10	-10.0	11.79	47.16
000033	0004-2045-750 SHAFT SEALING RING	1.00	PC	57.82	-10.0	52.04	52.04
000036	0004-2291-400 USIT RING	4.00	PC	24.17	-10.0	21.75	87.00
000039	0004-2356-750 RADIAL GASKET	1.00	PC	519.28	-10.0	467.35	467.35
000042	0004-2496-758	1.00	M	79.24	-10.0	71.32	71.32

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Item	Material Designation	Qty	UQ	Gross	Discount (%)	Net (USD)	Price (USD)
000045	PACKING CORD 0004-2531-830	1.00	PC	529.50	-10.0	476.55	476.55
000048	SHAFT SEALING RING 0004-2556-850	1.00	PC	1,496.46	-10.0	1,346.81	1,346.81
000051	SHAFT SEALING RING 0004-2716-750	2.00	PC	28.63	-10.0	25.76	51.52
000054	GASKET 0004-2929-830	2.00	PC	243.48	-10.0	219.13	438.26
000057	SHAFT SEALING RING 0004-3044-750	1.00	PC	85.79	-10.0	77.21	77.21
000060	SHAFT SEALING RING 0004-3090-850	1.00	PC	979.31	-10.0	881.38	881.38
000063	SHAFT SEALING RING 0004-5266-550	2.00	PC	4.92	-10.0	4.43	8.86
000066	GASKET 0004-5596-750	1.00	PC	44.62	-10.0	40.16	40.16
000069	SHAFT SEALING RING 0004-5819-750	1.00	PC	341.33	-10.0	307.20	307.20
000072	PACKING 0007-1802-750	1.00	PC	38.14	-10.0	34.33	34.33
000075	GASKET 0007-1812-750	1.00	PC	92.66	-10.0	83.39	83.39
000078	GASKET 0007-1860-750	1.00	PC	20.33	-10.0	18.30	18.30
000081	GASKET 0007-1941-750	1.00	PC	16.41	-10.0	14.77	14.77

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Item	Material Designation	Qty	UQ	Gross	Discount (%)	Net (USD)	Price (USD)
000084	0007-2000-750 GASKET	1.00	PC	16.97	-10.0	15.27	15.27
000087	0007-2018-750 GASKET	1.00	PC	35.01	-10.0	31.51	31.51
000090	0007-2050-750 GASKET	1.00	PC	134.92	-10.0	121.43	121.43
000093	0007-2061-830 GASKET	1.00	PC	43.64	-10.0	39.28	39.28
000096	0007-2065-750 GASKET	1.00	PC	45.58	-10.0	41.02	41.02
000099	0007-2077-750 GASKET	1.00	PC	19.43	-10.0	17.49	17.49
000102	0007-2091-750 GASKET	1.00	PC	47.83	-10.0	43.05	43.05
000105	0007-2300-750 GASKET	1.00	PC	18.75	-10.0	16.87	16.87
000108	0007-2542-750 GASKET	1.00	PC	79.14	-10.0	71.23	71.23
000111	0007-2546-750 GASKET	1.00	PC	100.20	-10.0	90.18	90.18
000114	0007-2560-750 GASKET	2.00	PC	21.36	-10.0	19.22	38.44
000117	0007-2566-390 GASKET	1.00	PC	25.17	-10.0	22.65	22.65
000120	0007-2572-750 GASKET	1.00	PC	27.93	-10.0	25.14	25.14
000123	0007-2574-750	2.00	PC	49.35	-10.0	44.41	88.82

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Item	Material Designation	Qty	UQ	Gross	Discount (%)	Net (USD)	Price (USD)
000126	GASKET 0007-2609-750	1.00	PC	23.85	-10.0	21.46	21.46
000129	GASKET 0007-3164-750	1.00	PC	25.42	-10.0	22.88	22.88
000132	GASKET 0007-3169-750	2.00	PC	52.23	-10.0	47.01	94.02
000135	GASKET 0007-2638-750	1.00	PC	111.27	-10.0	100.14	100.14
000138	GASKET 0007-2646-750	1.00	PC	15.42	-10.0	13.88	13.88
000141	GASKET 0007-2733-830	1.00	PC	224.68	-10.0	202.21	202.21
000144	GASKET 0007-2835-750	1.00	PC	84.35	-10.0	75.91	75.91
000147	GASKET 0007-2926-750	1.00	PC	3.62	-10.0	3.26	3.26
000150	GASKET 0007-2944-750	1.00	PC	25.42	-10.0	22.88	22.88
000153	GASKET 0007-2948-750	1.00	PC	258.88	-10.0	232.99	232.99
000156	GASKET 0007-2957-750	1.00	PC	76.17	-10.0	68.55	68.55
000159	GASKET 0011-1028-500	1.00	PC	1,820.19	-10.0	1,638.17	1,638.17
000162	CYLINDRICAL ROLLER BEARING 0011-2314-320	1.00	PC	1,904.30	-10.0	1,713.87	1,713.87
	CYLINDRICAL ROLLER BEARING						

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Item	Material Designation	Qty	UQ	Gross	Discount (%)	Net (USD)	Price (USD)
000165	0011-6000-000 GROOVED BALL BEARING	2.00	PC	36.13	-10.0	32.51	65.02
000168	0011-6019-020 GROOVED BALL BEARING	1.00	PC	1,033.31	-10.0	929.98	929.98
000171	0011-6032-400 GROOVED BALL BEARING	1.00	PC	2,141.43	-10.0	1,927.29	1,927.29
000174	0011-6313-000 GROOVED BALL BEARING	1.00	PC	561.08	-10.0	504.97	504.97
000177	0011-7224-970 ANGULAR CONTACT BALL BEARING	2.00	PC	2,270.23	-10.0	2,043.21	4,086.42
000180	0018-4572-000 EXCHANGEABLE FILTER	1.00	PC	118.40	-10.0	106.56	106.56
000183	0021-2773-810 SET OF NARROW V-BELTS	1.00	PC	2,336.54	-10.0	2,102.89	2,102.89
000186	0021-4056-900 DRIVE BELT	3.00	PC	963.34	-10.0	867.01	2,601.03
000189	0021-3586-800 TOOTHED RIM	1.00	PC	112.95	-10.0	101.65	101.65
000192	8173-1265-060 GASKET	1.00	PC	378.86	-10.0	340.97	340.97
000195	8173-1265-070 GASKET	1.00	PC	357.72	-10.0	321.95	321.95
000198	8173-1265-110 GASKET	1.00	PC	275.52	-10.0	247.97	247.97
000201	8173-1265-130 GASKET	1.00	PC	378.86	-10.0	340.97	340.97
000204	8173-1265-160	1.00	PC	612.82	-10.0	551.54	551.54

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000207	GASKET 8173-1265-170	1.00	PC	360.24	-10.0	324.22	324.22
000210	GASKET 8173-3404-010	1.00	PC	1,708.69	-10.0	1,537.82	1,537.82
000213	BUSHING 8173-3404-000	1.00	PC	2,271.44	-10.0	2,044.30	2,044.30
000216	BUSHING 8173-3404-010	1.00	PC	1,708.69	-10.0	1,537.82	1,537.82
000219	BUSHING 8173-6465-000	6.00	PC	486.55	-10.0	437.90	2,627.40
000222	CAM 0018-5713-000	1.00	PC	5,039.75	-10.0	4,535.77	4,535.77
	HEAT EXCHANGER						
Net value:						64,508.17	USD
Tax						0.00	USD
Sum total						64,508.17	USD

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We thank you for your inquiry and look forward to receiving your firm order.

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Financial Services

Purchasing Division



Requisition # 31488

CITY OF HIGH POINT
SOLE SOURCE JUSTIFICATION FORM
(For Items Costing \$10,000.00 or More)
Statutory Reference N.C.G.S. 143-129(e)6

Vendor: GEA Mechanical

Item(s): WS major Centrifuge rebuild

Justification: GEA Mechanical Equipment US, Inc./ Westfalia Separator Division is the wholly owned North American subsidiary of GEA Group. GEA Group AG and GEA Mechanical Equipment US, Inc./ Westfalia Separator Division are the manufacturer and sole suppliers of GEA Westfalia Separator components in North America.

Estimated expenditure for the above item(s): \$107,338.56

Accounting Unit and Account(s): 621757-527101

CHECK ALL ENTRIES BELOW THAT APPLY TO THE PROPOSED PURCHASE. ATTACH A MEMO CONTAINING JUSTIFICATION AND SUPPORT DOCUMENTATION.

- 1. [checked] Performance or price competition for a product are not available.
2. [checked] A needed product is available from only one source of supply.
3. [] Standardization or compatibility is the overriding consideration.
4. [] The parts/equipment are required from this source to permit standardization.
5. [] None of the above applies. A detailed explanation and justification for this sole source request is contained in attached memo and supportdocumentation.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the material or service described in this sole source justification be authorized as a sole source for the material or service.

Department Head/Authorized Personnel Robby D. Stone Digitally signed by Robby D. Stone Date: 2022.02.23 13:27:33 -05'00'

Department/Division Public Services Date 2-23-2022

APPROVAL PROCESS

Purchasing Manager Erik S. Conti Digitally signed by Erik S. Conti Date: 2022.02.24 09:14:07 -05'00'

Financial Services Director Bobby Fitzjohn Digitally signed by Bobby Fitzjohn Date: 2022.02.24 09:39:35 -05'00'

City Council (\$30,000 - Up)

