City of Benson
City Council Communication

Regular Meeting **September 28, 2015**

To: Mayor and Council Agenda Item # 4

From: Bradley J. Hamilton, P.E. Director of Public Works/City Engineer

Subject:

Discussion and possible action regarding the purchase of a Parkson Certified Rebuild for the City's existing HyFlow Continuous Self-Cleaning Bar/Filter Screen for $68,900

Discussion:

The Cleaning Bar/Filter Screen at the wastewater treatment plant is now 12 years old and in need of being rebuilt. Attached is a quote from Parkson, the manufacture of the HyFlow Continuous Self-Cleaning Bar/Filter Screen for rebuilding the machine.

Staff Recommendation:

Approval of the purchase of a Parkson Certified Rebuild for the City's existing HyFlow Continuous Self-Cleaning Bar/Filter Screen for $68,900

Parkson
Treating Water Right

Quotation

NUMBER: B02010719 Rev 1

DATE: September 3, 2015

TO: City of Benson, AZ

Attn: A. Dimas
Tel: 520-586-3222
E-Mail: dimas@cityofbenson.gov

REF.: Project Name: Benson WWTP
Project Location: 300 E. Harvest Way, Benson, AZ
Original Serial #: H-0013541A
Rebuild #: B02010719

Parkson Corporation proposes the reconditioning of your existing HyFlow® Continuous Self-Cleaning Bar/Filter Screen and is pleased to provide this ***Retrofit Quotation*** for the following:

ITEM 1 HyFlow SELF-CLEANING BAR/FILTER SCREEN

# Existing Units:	1
Unit #:	1
Model:	HYF0375K

1.A Existing Equipment:

Description

Screen Width:	29 in.
Solids Discharge Height:	11 ft.
[as measured from the bottom of the channel to the discharge point]	
Screen Angle:	75 º
Screen Opening:	3 mm
Application / Industry:	Municipal

Materials of Construction

Elements:	high impact polycarbonate alloy
Frame:	304 SS
Conveyor Chain:	304/410
Filter Element Shafts:	304 SS
Side Plate:	high impact phenolic

1.B The following parts are recommended for replacement on one (1) unit:

H-0013541A **B02010719**
Benson, AZ. 30" x 11', 6mm
HYF0375K

Item Description	Item Number	Quantity
Screen Assembly		1
Front Seal Brush 22.5"		1
Rotating Brush Assembly	3815-041-104/4Hy	1
Frame Subassembly {Rails}		
Chain Guide, Lower Disc	1460-005	1
Chain Guide, Upper Front	2376-002	1
Chain Guide, Upper Front, LH	2376-007	1
Chain Guide, Lower, RH	2376-003-000	1
Chain Guide, Lower, LH	2376-008-000	1
Chain Guide, Rear, RH	2376-004	1
Chain Guide, Rear, LH	2376-009	1
Chain Guide, Curved, LH	2376-005	1
Chain Guide, Curved, RH	2376-010	1
Chain Guide	2376-006-000	1
Chain Guide	2376-011-000	1
Seal, Channel	1074-045-000	2
Seal, Channel	1074-046-003	2
Gasket, 2-Bolt Flanged	1265-250	2
Gasket, Idler Shaft	1265-249	2
Gasket Bearing Support	1265-248	2
Nozzle, Veejet, 1/4" MNPT, Promax	3035-201/P	8
Sprocket, #80 /38	3038-094	1
Sprocket, #80 /24	3037-048	1
Chain, #80, 10ft, w/Master link	3039-072	1
Chain, #40, 10ft	3039-071	1
Sprocket, #40/57	3038-102	1
Sprocket, #80 idler	3383-014	1
Bushing, R97	1360-014	1
Shaft, #80	1269-003	1
Sprocket, Brush	0000269	1
Bushing, G	0000268	1
Chain Tightener	3384-006/M	1
Bearing, Take-up	3169-026	2
Bearing, Idler Shaft, 4-B Flange	3169-025-002	2
Bearing, Brush, 2-B Flange	3169-027-002	2

Nameplates & Labels	3027-087/D	1
	3824-002/D	1
	3824-065/D	2
Screen Assembly		1
Filter Shaft, 304ss		86
Filter Elements, 3mm	1001868	4532
Conveyor Chain	1001879	172
Side Plates, 304ss	1107-369Mod	172
Washer, 1/8" Thick	1000740	172
Snap Ring, SS	0000034	172

ITEM 2 OFFERINGS - PURCHASE PRICE

2.A Parkson Certified Rebuild On-site with OEM Parts & Technicians (Per Unit) .....$64,463.00 USD

1. To ensure work site safety, customer/owner is responsible for removing unit from the channel, placing unit on a level surface, thoroughly cleaning and disinfecting the unit, and reinstalling unit in channel.
2. All parts listed in [1B] above.
3. Parts will be shipped F.O.B. Factory, freight included to jobsite.
4. Removal and reinstallation of the unit in the channel is excluded.
5. Work performed by Parkson authorized field technicians, who will test run equipment at completion of rebuild.
6. Taxes excluded.

Rebuild / Start-Up Assistance - Included

Parkson will furnish one certified crew as required to rebuild unit, provide start-up and operator training. Dates of service to be scheduled upon receipt of Buyer's written request.

Additional start-up service can be purchased for $1,000 per day plus travel and living expenses.

2.B Parkson Certified Rebuild by Owner with OEM Parts and Parkson On-site Supervision ..... $51,407.00 USD

1. To ensure work site safety, customer/owner is responsible for removing unit from the channel, placing unit on a level surface, thoroughly cleaning and disinfecting the unit, and reinstalling unit in the channel. Customer is also responsible for all field work, with supervision of rebuild efforts by Parkson.
2. All parts listed in [1B] above.
3. Parts will be shipped F.O.B. Factory, freight included to jobsite.
4. Removal and reinstallation of the unit in the channel is excluded.
5. Work supervised by Parkson certified personnel.
6. Taxes excluded.

Field Service Supervision / Start-Up Assistance - Included
Parkson will furnish one factory representative as required to provide rebuilding supervision, and operator training. Dates of service to be scheduled upon receipt of Buyer's written request.

ITEM 3 OPTIONS FOR EXISTING UNIT(S) ONLY:

1. Reducer, SEW R97 ..... ADD..... ...$3,442.76 **USD**
2. Motor, Nord VEC 1.5HP..... ADD..... ..... $985.24 **USD**

ITEM 4 SCHEDULE, VALIDITY, PAYMENT TERMS

4.A Schedule:

☒ Submittal Phase not required on this project.

☒ Parts availability: Eight (8) weeks following receipt of acceptable written Purchase Order. The Parkson Project Manager will coordinate shipment of the parts.

☒ Field/on-site rebuild will be accomplished within 4 weeks after parts are delivered to customer, but in no event later than 90 days.

☒ Rebuild must be completed within 90 days after parts arrive on-site.

Dates are subject to confirmation upon receipt of written Purchase Order.

4.B Validity:

☒ Price is valid for fourty-five (45) calendar days from Quotation date, for shipment of Equipment within the timetable stated above.

4.C Payment Terms:

☒ 90% net 30 days upon shipment of parts or unit (if factory option) to site, 10% upon rebuild completion, not to exceed 90 days after shipment of parts should rebuild be delayed by other than Parkson. Payment terms for parts only without any factory labor or field service is 100% net 30 days.

ITEM 5 WARRANTY, DRAWINGS & MANUALS

5.A <u>Mechanical Warranty:</u>

As defined in Section XVI on the attached Standard Conditions of Sale, Parkson offers a one (1) year mechanical warranty for all new parts installed on the HyFlow screen by a) factory certified rebuild, b) on-site certified rebuild, or c) on-site supervised, certified rebuild.

Installation labor of parts or parts not ordered as part of a rebuild package have a 90 day warranty.