



A Public Agency

SHOREWAY OPERATIONS AND CONTRACT MANAGEMENT

STAFF REPORT

To: SBWMA Board Members
From: Grant Ligon, Management Analyst III
Hilary Gans, Sr. Facilities and Contracts Manager
Date: May 28, 2020 Board of Directors Meeting
Subject: Resolution Approving a Contract with GreenWaste Recovery, Inc. for a not-to-exceed amount of \$203,037.12 for Limited Time Recyclables Processing

Recommendation

It is recommended that the SBWMA Board of Directors approve Resolution No. 2020-24 attached hereto authorizing the following action:

Authorize the Executive Director to accept a bid from the Responsible Low Bidder GreenWaste Recovery, Inc. and enter into a contract for the described Limited Time Recyclables Processing work for an amount not to exceed \$203,037.12.

Analysis

The Shoreway Materials Recovery Facility (MRF) is currently undergoing a planned \$5.7M MRF Phase I major equipment upgrade to be completed by mid-summer. This highly skilled technical installation work is being executed by prime contractor Bulk Handling Systems, Inc. (BHS), and their subcontractor Titus. The Phase I Agreement was authorized by the SBWMA Board on September 26, 2019 (resolution #2019-54) and was executed with BHS which permitted them to take no more than 5 down-days (at no cost) to shut down the MRF to provide their technical team direct access to the recycling equipment for removal of old parts, as well as the upgrade and (re)installation of new equipment. Should this facility shut down exceed 5-down days, BHS will be liable to the SBWMA for Liquidated Damages.

With the MRF Phase I upgrades proceeding per the approved installation schedule (in fact, this schedule has been accelerated due to the COVID impacts to the MRF), the down days are now planned to take place during two to three extended weekends in June. This will require the diversion of an estimated 1,020-1,530 tons (510 per weekend) of Shoreway inbound recyclables to another MRF for processing, to avoid their landfill disposal during this temporary MRF closure.

To maintain alignment with the SBWMA's 2020 Long Range Plan's guiding principles by avoiding the landfilling of recyclable materials, an RFP was posted to solicit public bids in March 2020, titled *2020 Limited Time Recyclables Processing RFP*. There were two qualified bidders, with Monterey Regional Waste Management District (MRWMD) found to be the initial Apparent Low Bidder with the lowest per ton diversion tipping fee of \$65 per ton (not including transportation). However, factoring in how the transportation to MRWMD's facility would be one-way trip of 80 miles, which would be at least three times the distance (and thus cost) of the one-way trip distance of 25 miles to the other bidder's (GreenWaste Recovery, Inc.'s) facility, the total net cost to the Authority of the

GreenWaste Recovery, Inc. (GWR) bid is cheaper. Thus GWR, with a tipping fee of \$80 per ton not including transportation, became the Low Bidder and party selected for further bid review and negotiations.

Transportation will be managed by Shoreway Site Operator South Bay Recycling (SBR) through their Operating Agreement, with costs of \$40.62 per ton (\$26.67 per ton for contracted trucking, and \$13.97 per ton for SBR Transfer Station handling fee). SBR will be reimbursed for their portion of the material handling process through the established Agency review and approval process that is defined in the master Operating Agreement, titled *Agreement for Operation of the Shoreway Recycling and Disposal Center*.

The GWR bid was deemed responsive after checking their documentation required by the RFP, Agreement form and insurance certifications. Key documentation and the latter certifications are all included in the standard Agreement awaiting SBWMA signatures (**Attachment A**). A 10% contingency has been added to the GWR bid amount in case that the required diverted tonnage exceeds the range initially estimated (1,020 to 1,530 tons), and/or trucking costs are exceeded, which raises the Not-to-Exceed total amount of the Agreement to **\$203,037.12**.

Background

The Shoreway MRF will need to be shut down during BHS MRF Phase I work over several extended weekends in June, 2020 to allow for equipment installation, electrical connectivity and appropriate systems checks. The inbound recyclables must be diverted to another local MRF for processing for the program to remain compliant with the SBWMA's 2020 Long Range Plan's goals and practices. The RFP and sample Agreement documents for that work are available online at <https://rethinkwaste.org/about/rfps-rfq/>.

Fiscal Impact

The cost of offsite processing of recyclables will be based on the number of days (weekends) that the MRF is down for equipment installation and the total tons (and their associated per ton total processing and transportation cost) that are actually hauled off site for processing. This cost, based on two to three weekends and total \$120.64 per ton cost, is anticipated to be in the range of \$123,052.80 and \$184,579.20 prior to addition of 10% contingency. The Mid-Year FY19/20 Expense Budget for Phase I MRF Upgrades has \$160,000 budgeted to cover this cost of offsite processing of recyclables.

Attachments:

Resolution 2020-24

Attachment A - [Agreement with GreenWaste Recovery for Limited Time Recyclables Processing Services available online only at rethinkwaste.org](#)



RESOLUTION NO. 2020-24

RESOLUTION APPROVING A CONTRACT FOR LIMITED TIME RECYCLABLES PROCESSING SERVICES

WHEREAS, the SBWMA is responsible for processing inbound recyclables received at the Shoreway Materials Recovery Facility (MRF);

WHEREAS, the Shoreway MRF will be shut down for several extended weekends in June for MRF Phase I Improvements executed by Bulk Handling Systems, Inc.;

WHEREAS, to maintain compliance with the SBWMA’s 2020 Long Range Plan’s stated goals and practices, these materials must be processed for commodity market sales rather than be landfilled;

WHEREAS, the SBWMA posted an RFP for the necessary Limited Time Recyclables Processing in March 2020, received two responses from local MRFs, and selected the bid from GreenWaste Recovery Inc. as the Responsible Low Bidder with the lowest net tipping fee when including transportation costs;

NOW, THEREFORE BE IT RESOLVED that the South Bayside Waste Management Authority hereby approves a contract with GreenWaste Recovery for Limited Time Recyclables Processing and authorizes the Executive Director to accept the responsive low-bid from GreenWaste Recovery plus SBR-managed transportation costs with a 10% contingency for a total project not to exceed amount of **\$203,037.12**.

PASSED AND ADOPTED by the Board of Directors of the South Bayside Waste Management Authority, County of San Mateo, State of California on the this 28th day of May, 2020 by the following vote:

Agency	Yes	No	Abstain	Absent	Agency	Yes	No	Abstain	Absent
Atherton					Menlo Park				
Belmont					Redwood City				
Burlingame					San Carlos				
East Palo Alto					San Mateo				
Foster City					County of San Mateo				
Hillsborough					West Bay Sanitary Dist				

I HEREBY CERTIFY that the foregoing Resolution No. 2020-24 was duly and regularly adopted at a regular meeting of the South Bayside Waste Management Authority on May 28, 2020.

ATTEST:

Jess E. (Jay) Benton, Chairperson of SBWMA

Cyndi Urman, Board Secretary

STAFF REPORT

To: SBWMA Board Members
From: Hilary Gans, Sr. Operations and Engineering Manager
Grant Ligon, Management Analyst III
Date: May 28, 2020 Board of Directors Meeting
Subject: Resolution Authorizing the MRF IPS Baler Refurbishment Project for a Not-To-Exceed amount of \$156,794

Recommendation

It is recommended that the SBWMA Board of Directors approve Resolution No. 2020-25 attached hereto authorizing the following action: **Resolution Authorizing the MRF IPS Baler Refurbishment Project for an Not-to-Exceed (NTE) amount of \$156,794.**

Summary

The Shoreway MRF has two industrial-grade balers that compacts all the sorted commodities (other than glass) into transportable bundles. After 10 years of daily production, the IPS Baler now needs a refurbishment of the major wear parts. This project is scheduled to occur during the already planned MRF Phase I install down-time so that normal materials processing will not be impacted.

Analysis

The IPS baler is an essential part of the MRF operations that processes all the inbound paper. Without this machine, the MRF sort system cannot operate. The IPS baler was installed in 2010 and has functioned reliably for 10 years. Due to routine wear, the baler needs a major refurbishment of the bale chamber and hydraulic cylinders. Since this work will require 4-consecutive days for disassembly, repair, and reassembly, the SBWMA Staff has scheduled this work to occur during the already scheduled temporary MRF Phase I shut-down in June. With this schedule, the MRF does not need to be closed, and thus the Agency can avoid the cost of shipping (the materials that could not be processed at Shoreway) off-site for processing at a cost of ~\$200K.

The IPS Baler is a part of the MRF equipment, which per SBWMA Legal Counsel guidance falls under SBR's obligation to maintain under the Operations Agreement, titled *Agreement for Operation of the Shoreway Recycling and Disposal Center*. However, the Agency still decided to put forth a Request For Proposals for the project (not required by Agency Purchasing Policy, given that it was for a Maintenance Project that falls under the purview of SBR). No proposals were received, so it was necessary to solicit quotes. Olympic Wire and Equipment, Inc. has provided a quote of \$151,631 for the refurbishment of the IPS Baler (the quote and details of the work to be completed are provided in **Attachment A**). A 10% contingency (\$15,163) has been added to the cost of the project for a total project cost of \$166,794. Under the terms of the SBWMA/SBR Operations Agreement, SBR is responsible for paying the first \$10,000 of all repairs so the total SBWMA Not-To-Exceed (NTE) estimate for the Baler refurbishment projects is \$156,794. This work is quoted to be performed using prevailing wage.

Background

Staff report 7A recommend the off-site processing of recyclables during a planned shut-down of the MRF during Phase I sort system upgrades over two to three extended weekends in June. The Baler refurbishment project would be conducted during the time that the inbound recyclables will be diverted to another local MRF for processing.

Fiscal Impact

The SBWMA maintains an MRF Equipment Replacement Reserve that anticipates major capital repairs. This Baler refurbishment project has been budgeted and the cost of the project will be applied against this reserve.

Attachments:

Resolution 2020-25

Attachment A – Olympic Equipment Baler quote for IPS CONQUEST-100 Baler Reline and cylinder repair.



RESOLUTION NO. 2020-25

RESOLUTION AUTHORIZING THE MRF IPS BALER REFURBISHMENT PROJECT FOR AN NTE AMOUNT OF \$156,794.

WHEREAS, the SBWMA is responsible for processing inbound recyclables received at the Shoreway Materials Recovery Facility (MRF);

WHEREAS, the Shoreway MRF will be shut down for several extended weekends in June for MRF Phase I Improvements:

WHEREAS, the IPS baler is an essential piece of equipment that is needed to operate the MRF sort system and is need of refurbishment.

WHEREAS, SBR is responsible for maintaining the Baler under the Operations Agreement, and the SBWMA is to reimburse SBR for maintenance costs greater than \$10,000.

WHEREAS, SBR has received a quote from Olympic Baler for the necessary work for an amount of \$151,631, the SBWMA has added a 10% contingency.

NOW, THEREFORE BE IT RESOLVED that the SBWMA hereby authorizes Authorizing the MRF IPS Baler Refurbishment Project for an NTE amount of \$156,794.

PASSED AND ADOPTED by the Board of Directors of the South Bayside Waste Management Authority, County of San Mateo, State of California on the this 28th day of May 2020 by the following vote:

Agency	Yes	No	Abstain	Absent	Agency	Yes	No	Abstain	Absent
Atherton					Menlo Park				
Belmont					Redwood City				
Burlingame					San Carlos				
East Palo Alto					San Mateo				
Foster City					County of San Mateo				
Hillsborough					West Bay Sanitary Dist				

I HEREBY CERTIFY that the foregoing Resolution No. 2020-25 was duly and regularly adopted at a regular meeting of the South Bayside Waste Management Authority on May 28, 2020.

ATTEST:

Jess E. (Jay) Benton, Chairperson of SBWMA

Cyndi Urman, Board Secretary

W/O#0969
05/15/2020

Paul Keck
South Bay Recycling
333 Shoreway Road
San Carlos, CA 94070

Re: IPS CONQUEST-100 Baler
SN: 3286



Dear Paul,

Thank you for giving us the opportunity to quote our reline services for your IPS CONQUEST-200 baler at your facility in San Carlos, CA. I've provided our proposed scope of work outline for you to read and review.

Scope of work:

- Initiate reline by disassembling baler, removing main ram, to prepare for the reline process.
- Remove old liners in frame area, replace all floor liners and strip liners in the frame gather area as well as in the compression chamber, and extrusion area.
- Main ram, remove and replace the bottom, face, and side liners.
- Main ram, remove and replace knives and hardware.
- Shear beam, remove and replace knives and hardware and shims.
- Shear beam repairs to center knife seat, the area will be built up with weld, it will be grinded and hand milled and trued as best possible in field, machine milling will not be possible.
- Remove and replace RH & LH lid clamp jaw knives.
- Remove and replace Main cylinder Seals, for front gland and rear piston. (See Notes)
- Re-assemble and Install all components for your IPS CONQUEST Baler.
- Olympic to stand by while baler is tested for proper operation for 4 hours.
- (PLEASE NOTE THE SCOPE OF WORK IS BASED ON AN EXTERNAL VISUAL INSPECTION AS BALER WAS OPERATING AND COULD NOT GET SHUT DOWN AT TIME OF INSPECTION, BALES AND SOME MATERIAL WAS PRESENT IN CHAMBER, AS A RESULT ENTIRE CHAMBER WAS NOT THOROUGHLY INSPECTED)

Schedule:

OW&E will provide two 4 men crew working 12 hour shifts during a week days or 12 hour shifts around the clock each for a total of 5.75 24hr/days over a weekend. We will supply our crews with welders, torches, hand tools and safety equipment as required for completing this project.

Pricing: (Start Fri-Mon)

	Option 1	Option 2	Option 3
Approx labor based on Prevailing wage OT rates.	\$ 81,270.00	\$81,270.00	\$81,270.00
10.75 – 12 hours shifts – 24hr. per day 4 men over a weekend.			
Per Diem & Travel Expense.	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
Supplies.	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00
All IPS Genuine Parts (As attached on Notes)	\$ 23,240.00	\$ 23,240.00	\$23,240.00
Replacement with core Main Cylinder		\$ 38,000.00	
Replacement weekly Rental Main Cylinder			\$ 1,250.00
Equipment Rental.	\$ 2,321.25	\$ 2,321.25	\$ 2,321.25
Total	<u>\$113,631.25</u>	<u>\$151,631.25</u>	<u>\$114,881.25</u>

Validity: This Quote is good for 30 Days. Require 3 week advanced notice to schedule job.

Payment Terms:

40% Down Payment with order.
60% net 15 days after project is complete.

Exclusions and Exceptions:

1. Additional Equipment Rental.
2. Parts Freight Cost Not Included.
3. Sales tax for corresponding County Not Included.
4. Hydraulic Oil. (Filtration to Mfg. micron specs is available upon request)
5. Additional steel not mentioned in the scope of work.
6. Construction and processing permits.
7. Unforeseen damages outside of original scope of work.
8. Unforeseen internal damages to main cylinder rod or inner tube.
9. *This quote is based on a clear and free from debris area.
10. *Please note this is an estimate only. If we discover additional items we will advise before commencement.

We at Olympic Wire and Equipment, Inc. would like to thank you for the opportunity to bid this work. Olympic has 28 years extensive experience working with single stream separation equipment, Baler installations, baler relines and repairs. We are competent, confident and eager to complete this project for you and South Bay Recycling Services.

Please call me if you have any questions reference this bid at 949 646 9731ext. 104 Cell 310 923 4806

Sincerely,



Manny Enciso

Cc:

Jim Walker

Approved by: (Please Print): _____

Signature: _____ **Date:** _____

Title: _____

Company: _____ **PO No.** _____

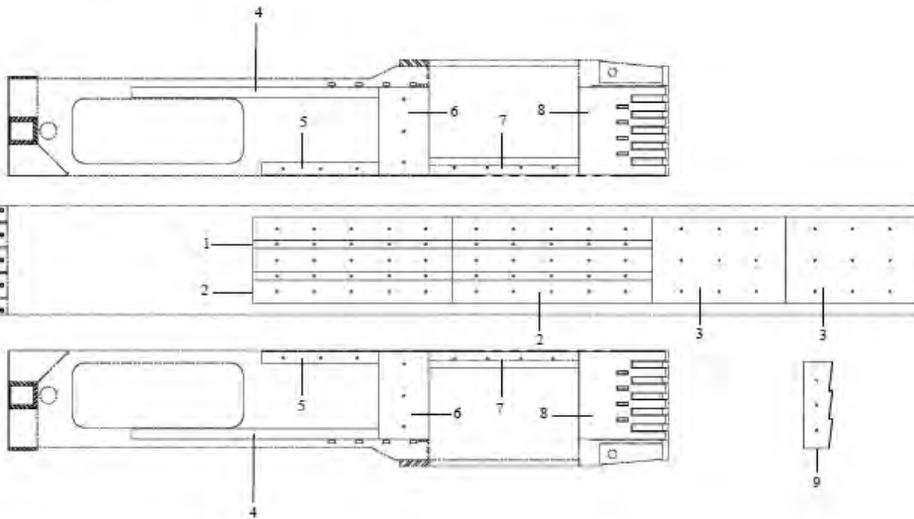
I UNDERSTAND MY SIGNATURE ABOVE CONSTITUTES ACCEPTANCE OF THIS QUOTATION, AND CONVERT IT TO AN ORDER TO OLYMPIC WIRE AND EQUIPMENT, INC. I UNDERSTAND THAT PAYMENTS ARE DUE UPON THE TERMS ABOVE.

MY SIGNATURE ABOVE ALSO ACKNOWLEDGES THAT IN THE EVENT OF LITIGATION TO COLLECT THE PROCEEDS DUE HEREUNDER, THE SIGNED AGREES TO PAY REASONABLE ATTORNEY FEES.

NOTES:

Conquest 180 Box Liners - M02419A

Item	Amt	Part #	Description
1	4	M02418D	Bottom Box Strip Liners
2	2	M02418B	Box Liners
3	2	M02418J	Bale Exit Floor Liners
4	2	M02418G	Press Box Top Side Strip Liners
5	2	M02418F	Press Box Bottom Side Strip Liners
6	2	M02418C	Press Box Side Wall Liners
7	2	M02418H	Press Box Bottom Side Strip Liners
8	2	M02418A	Bale Exit Side Liners
9	1	M02300Q	Knife Beam Liner

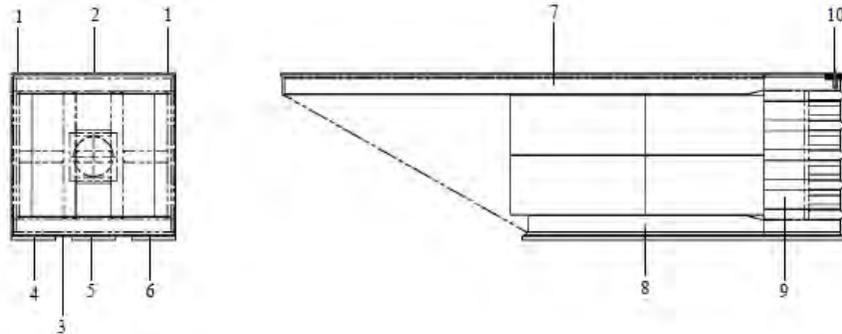


Conquest 180 Box Liners - M02419A

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Conquest 180 Gatherer Ram Liners - M02542A

Item	Amt	Part #	Description
1	2	M02540J	Top Strip Liners
2	1	M02540C	Top Liner
3	1	M02540D	Bottom Liner
4	1	M02540E	Bottom Outside Strip Liner
5	1	M02540F	Bottom Middle Strip Liner
6	1	M02540G	Bottom Outside Strip Liner
7	2	M02540A	Top Side Strip Liner
8	2	M02540B	Bottom Side Strip Liner
9	8	M02540H	Front Side Strip Liners
10	2	M01732A	Knife
	6	104199	Knife Bolts 1"-8NC x 2 3/4" Lg.



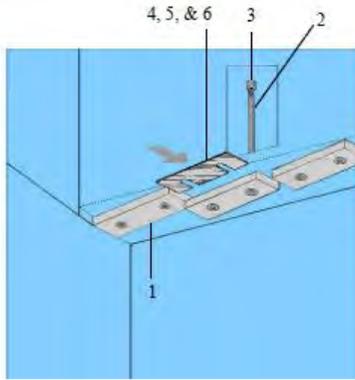
Conquest 180 Gatherer Ram Liners - M02542A

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Conquest 180 Shear Beam Knife - M02935A

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Item	Amt	Part #	Description
1	3	M02285A	Knife 1 1/2" x 5" x 13 3/8"
2	6	100061	Knife Bolt 1"-14UNF x 15 1/2" Lg.
3	6	100062	Lock Nuts 1"-14UNF Gr. 3
4	3	M02507A	Knife Shim 1/32"
5	3	M02507B	Knife Shim 1/16"
6	3	M02507C	Knife Shim 1/8"



Conquest 180 Hinged Side with Liners LH - M02724A

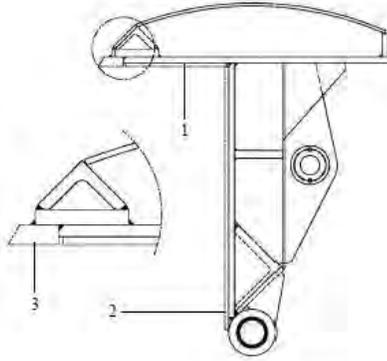
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Item	Amt	Part #	Description
1	1	M02713B	Liner
2	1	M02714A	Liner
3	1	M02713A	Knife

Conquest 180 Hinged Side with Liners RH - M02708A

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Item	Amt	Part #	Description
1	1	M02713B	Liner
2	1	M02714A	Liner
3	1	M02713A	Knife



A01257A		CONQUEST / 3286 / RELINE QUOTE		
QTY	PART #	DESCRIPTION	LIST COST EACH	TOTAL COST
M02419A FRAME LINERS				
4	M02418D	FRAME FLOOR STRIP LINER	\$ 435.00	\$ 1,740.00
2	M02418B	FRAME BOX LINER	\$ 2,280.00	\$ 4,560.00
2	M02418J	BALE EXIT FLOOR LINER	\$ 1,520.00	\$ 3,040.00
2	M02418G	PRESS BOX TOP SIDE STRIP LINER	\$ 338.00	\$ 676.00
2	M02418F	PRESS BOX BOTTOM SIDE STRIP LINER	\$ 191.00	\$ 382.00
2	M02418C	PRESS BOX SIDE WALL LINER	\$ 571.00	\$ 1,142.00
2	M02418H	PRESS BOX BOTTOM SIDE STRIP LINER	\$ 326.00	\$ 652.00
2	M02418A	BALE EXIT SIDE LINER	\$ 998.00	\$ 1,996.00
1	M02300Q	FRAME KNIFE LINER	\$ -	\$ -
3	M02285A	SHEAR KNIFE	\$ 473.00	\$ 1,419.00
6	100061	SHEAR BEAM KNIFE BOLT	\$ 64.00	\$ 384.00
6	100062	SHEAR BEAM KNIFE NUT	\$ 6.00	\$ 36.00
M02542A GATHERER LINERS				
2	M02540J	TOP STRIP LINER	\$ 239.00	\$ 478.00
1	M02540C	GATHERER TOP LINER	\$ 1,820.00	\$ 1,820.00
1	M02540D	GATHERER FLOOR - BOTTOM LINER	\$ 1,374.00	\$ 1,374.00
1	M02540E	FLOOR BOTTOM OUTSIDE STRIP LINER	\$ 619.00	\$ 619.00
1	M02540F	FLOOR BOTTOM CENTER STRIP LINER	\$ 636.00	\$ 636.00
1	M02540G	FLOOR BOTTOM OUTSIDE STRIP LINER	\$ 619.00	\$ 619.00
2	M02540A	GATHERER TOP (UPPER) STRIP LINER	\$ 319.00	\$ 638.00
2	M02540B	GATHERER BOTTOM (LOWER) SIDE STRIP LINER	\$ 180.00	\$ 360.00
8	M02540H	FRONT SIDE STRIP LINER	\$ 104.00	\$ 832.00
2	M01732A	GATHERER (PLATEN) KNIFE	\$ 585.00	\$ 1,170.00
6	104199	GATHERER (PLATEN) KNIFE BOLT 1-8nc x 2-3/4"	\$ 19.00	\$ 114.00
M02935A SHEAR KNIFE BEAM				
3	M02285A	SHEAR KNIFE	\$ 473.00	\$ 1,419.00
6	100061	SHEAR BEAM KNIFE BOLT	\$ 64.00	\$ 384.00
6	100062	SHEAR BEAM KNIFE NUT	\$ 6.00	\$ 36.00
3	M02507A	KNIFE SHIM 22 GA	\$ 20.00	\$ 60.00
3	M02507B	KNIFE SHIM 16 GA	\$ 20.00	\$ 60.00
3	M02507C	KNIFE SHIM 11GA	\$ 21.00	\$ 63.00
HOLD DOWNS				
2	M02563A	HOLD DOWN BARS	\$ 469.00	\$ 938.00
8	103552	HOLD DOWN BOLTS	\$ 1.00	\$ 8.00
2	M01876A	SWEEPER ASMB	\$ 522.00	\$ 1,044.00
M02724A HINGED SIDE LINERS - LH				
1	M02714A	HINGED SIDE LINERS	\$ 1,426.00	\$ 1,426.00
1	M02713B	HINGED TOP LINERS	\$ 520.00	\$ 520.00
1	M02713A	HINGE SIDE KNIFE	\$ 465.00	\$ 465.00
M02708A HINGED SIDE LINERS - RH				
1	M02714A	HINGED SIDE LINERS	\$ 1,426.00	\$ 1,426.00
1	M02713B	HINGED TOP LINERS	\$ 520.00	\$ 520.00
1	M02713A	HINGE SIDE KNIFE	\$ 465.00	\$ 465.00
BLADES & HDWE				
3	M02285A	SHEAR KNIFE	\$ -	\$ -
6	100061	SHEAR BEAM KNIFE BOLT	\$ -	\$ -
6	100062	SHEAR BEAM KNIFE NUT	\$ -	\$ -
2	M01732A	GATHERER KNIFE	\$ -	\$ -
6	104199	GATHERER KNIFE BOLT	\$ -	\$ -
1	M02713A	HINGE SIDE KNIFE	\$ -	\$ -
3	M02507A	KNIFE SHIM 22 GA	\$ -	\$ -
3	M02507B	KNIFE SHIM 16 GA	\$ -	\$ -
3	M02507C	KNIFE SHIM 11GA	\$ -	\$ -
			\$	21,329.00
LEADTIME: 3 - 4 WEEKS FOR THE LINERS.				
QUOTE VALID FOR 30 DAYS.				
REVISED 10/9/2019 - lb				
1	105000	Main Cylinder complete seal kit	\$1,911.00	\$1,911.00