



City of Ketchum

April 18, 2022

Mayor Bradshaw and City Councilors  
City of Ketchum  
Ketchum, Idaho

Mayor Bradshaw and City Councilors:

**Recommendation to Approve Purchase Order 22086  
To Atlas Copco Compressors, LLC for ZB 100VSD Blower Repair**

Recommendation and Summary

Staff is recommending the council approve Purchase Order 22086 with Atlas Copco Compressors, LLC and adopt the following motion:

**"I move to approve Purchase Order 22086 with Atlas Copco Compressors, LLC for the repair of a ZB 100VSD Blower at the wastewater treatment plant in the amount of \$63,705.43 plus freight."**

The reasons for the recommendation are as follows:

- This blower is an integral part of the wastewater treatment process.
- The blower is necessary to comply with system redundancy required by Idaho Department of Environmental Quality wastewater rules.
- Repair costs, although high, are approximately 50% of replacement costs.

Introduction and History

Two energy efficient turbo blowers were installed at the Wastewater Treatment Plant in 2014. These blowers replaced two of the three multistage centrifugal blowers the treatment plant had been using since 1985. The turbo blowers are the primary blowers used. The third centrifugal blower was kept as a backup unit. Using the turbo blowers reduced energy consumption for this part of the treatment process by 40%.

Analysis

Current conditions allow for the use of one blower, but warmer temperatures will make it necessary to use two blowers in tandem leaving the treatment plant without backup/redundancy if another blower fails or needs maintenance. Because of the high cost to repair the inoperable blower, pricing for a new blower was obtained. Approximate cost of replacement is \$120,000.00 with a ten-week lead time. Repairs can be completed in three weeks or less. The quicker timeframe for repairs is a large part of the decision to repair the blower rather than replace it.

Financial Impact

Funds for the repair will come from Professional Services and Repair and Maintenance line items of the Wastewater Expenditures Budget. This expensive of a repair was not anticipated for this budget year. This expense will be shared with the Sun Valley Water and Sewer District.

Attachments:

Purchase Order 22086

Atlas Copco Repair Quote #166060886



**CITY OF KETCHUM**  
**PO BOX 2315 \* 480 EAST AVE. \* KETCHUM, ID 83340**  
**Administration 208-726-3841 (fax) 208-726-8234**

**PURCHASE ORDER**  
 BUDGETED ITEM? \_\_\_ Yes \_\_\_ No

**PURCHASE ORDER - NUMBER: 22086**

<b>To:</b> 4684 ATLAS COPCO COMPRESSORS LLC DEPT. CH 19511 PALATINE IL 60055-9511	<b>Ship to:</b> CITY OF KETCHUM PO BOX 2315 KETCHUM ID 83340
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P. O. Date	Created By	Requested By	Department	Req Number	Terms
04/14/2022	Bancona	Bancona		0	

Quantity	Description			Unit Price	Total
1.00	CORE REPLACEMENT	65-4350-4200	435002	8,690.00	8,690.00
1.00	CORE REPLACEMENT	65-4350-6100	435002	55,015.43	55,015.43
				SHIPPING & HANDLING	0.00
				TOTAL PO AMOUNT	63,705.43

\_\_\_\_\_  
 Authorized Signature



## Fixed Price Quote #166060886 Core Replacement APF181799

CITY OF KETCHUM

**Attn: Mick Mummert**  
110 RIVER RANCH RD  
KETCHUM, 83340

+1 208-726-7825  
mmummert@ketchumidaho.org

03/15/22

Dear Mick,

We appreciate your interest in our Fixed Price Service.

Fixed Price services range from a simple inspection and diagnostics visit to a full overhaul of compressors and ancillary equipment. Fixed Prices are executed according to the manufacturer's recommendations, including all required parts/kits for the standard maintenance visit, labor, travel and accommodation, when needed, and a complete diagnostics report after each visit. Fixed price jobs are invoiced as one single price.

With Fixed Price services, the correct level of maintenance will be carried, according to parts wear needs, avoiding breakdowns. We only use Genuine Parts and Lubricants which will protect your investment and guarantee high performance levels.

Having the unit serviced by competent and experienced Atlas Copco service engineers is the best way to ensure maintenance is properly carried out and higher operational efficiency.

Atlas Copco is always available to provide you solutions for all of your compressed air needs, from generation to point of use, guaranteeing best performance from your whole system. Genuine parts and lubricants, specially developed for your compressor needs, are kept in stock and our service technicians are always up to date with our maintenance standards and will provide you with the best service in the market.

In case you need additional information on this quotation or any of our other service products, please feel free to contact me at any time.

Kind regards,

**Robert Gusdal**  
Service Sales Manager

Post Falls, ID 83854

Cell: 509-342-0498  
Fax:  
robert.gusdal@atlascopco.com



**Table 1 - Pricing and Services Summary**

Machine Description	Serial Nr	Visits Type	Number of Oil Changes	Oil Type	One Time Price
ZB 100VSD ANSI	APF181799	I	L		\$ 63705.43
Total Labour					\$ 4050.00
Total Oil					\$ 0.00
Total Parts					\$ 55015.43
Total Misc. includes consumables, travel, and mileage					\$ 4640.00
<b>Total Price</b>					<b>\$ 63705.43</b>

**Important:**

Please notice that the consolidated one time price per machine will be shown on the invoice.

Pricing does not include freight.

Pricing does not include taxes

Pricing applies to services performed during normal working hours, weekdays, from 8am – 5pm

**Parts Lists**

Equipment: ZB 100VSD ANSI - APF181799
Part Description
4 each PARCOOL EG CAN 5L
MODULE TDD-CG-01



## Activities list

Equipment: ZB 100VSD ANSI - APF181799		
Item	Activities	
1	Follow Customer Specific Safety Rules	x
2	Check controller via PC(vibrations,log)	x
3	Blastclean cubicle, dry air max.1bar	x
4	Check loose wiring & connections cubicle	x
5	Check blow-off operation	x
6	Check for air- water- & oil leakage	x
7	Clean fan cowls	
8	Replace motor bearing fans	
9	Exchange seal cartridge of waterpump	
10	Check operation of waterpump	
11	Inspect bear. controller, repl. when nec.	
12	Inspect module, repl. when necessary	
13	Check converter (trending currents, t°)	x
14	Check Elektronikon functions	x
15	Check cooling water	x
16	Check air filter element(s)	x
17	Change air filter element(s)	
18	Clean silencer, change if needed	
19	Check condition of air intake chamber	x
20	Replace cubicle filters	

## Pre Work Site Assessment

Location/Customer site: \_\_\_\_\_

Date: \_\_\_\_\_

<u>Risk Analysis</u>	Yes	No	N/A	Corrective Action Taken?
Is there a Fall risk (compressor on platform, no safety railing, etc.) or ladder use?				
Is the lighting adequate?				
Is there risk of touching hot parts (burn hazard)?				
Is there a danger of flying dust?				
Is there fire exposure?				
Is there a fire extinguisher in the workplace?				
What process has the vacuum pump has been used for?				
What customer permissions are needed? (LOTO, Hot-work, Confined Space, etc.)				
If required, will adequate lifting equipment be supplied?				
Are there any other hazards not listed above?				
Given the hazards, what controls, including Personal Protective Equipment, are required?				
Other comments and considerations				

<u>Site Specific Requirements</u>	Yes	No	N/A	If yes, then how many hours?
Is additional time needed to access the equipment because it's in a difficult location?				
Is the equipment located outdoors?				
If the equipment is located outdoors, then is it covered and protected?				
Is there enough clearance around the equipment to access it properly?				
Is additional time needed due to security procedures?				
Is there safety or site training required?				
Is additional time needed for the LOTO process?				

## The following conditions apply

### 1. The Responsibilities and rights of the parties

- 1.1. The customer will ensure that:
  - 1.1.1. The routine maintenance of the equipment is carried out in accordance with Atlas Copco's instruction book;
  - 1.1.2. The equipment log book is filled in daily;
  - 1.1.3. At all times the equipment is kept in the environmental conditions recommended by Atlas Copco and the instructions relating to the operation of the equipment as advised by Atlas Copco from time to time are followed.
- 1.2. The customer will confirm to Atlas Copco that the instruction manual for the equipment is in his possession.
- 1.3. Atlas Copco will contact the customer before the planned time for the visit. The customer will then ensure the equipment is available for inspection.
- 1.4. Maintenance and Inspection will be carried out during normal working hours, 8.00 am - 5.00 pm, Monday to Friday. If this is not practical, any extra cost incurred by Atlas Copco in carrying out maintenance or inspection outside normal working hours will be borne by the customer and invoiced separately.
- 1.5. If any major changes occur in the operating or site conditions of the equipment, this agreement shall become null and void. Major changes would normally involve re-location of the unit, change of coolant or power.
- 1.6. The customer shall inform Atlas Copco immediately in the event of: malfunctions such as abnormal noise, leakage or any other phenomenon that may result in premature failure of the equipment; malfunctions of the hour meter; a planned transfer of the equipment or changes in its environmental conditions.
- 1.7. The customer will give necessary assistance to Atlas Copco in the performance of its obligations under this agreement by providing lifting facilities, lighting and unrestricted access to the equipment at the agreed time. Any costs and/or expenses incurred by Atlas Copco as a result of access to the equipment or facilities being delayed from the agreed time will be borne by the customer and invoiced separately by Atlas Copco.
- 1.8. The customer shall be responsible for a 25% restocking fee for any replacement parts order cancelled after the shipment of the parts.

### 2. Services

- 2.1. The price includes all costs of labor and material to perform a fixed price repair as described in the "Quotation" section excluding applicable taxes, except where under the terms of this agreement Atlas Copco is entitled to make an extra charge for these.
- 2.2. After visit a report on the condition of the equipment will be submitted to the customer by Atlas Copco.

### 3. Limitation and Termination

- 3.1. Atlas Copco shall not be obliged to inspect any equipment in the event of:
  - 3.1.1. Negligence by the customer in the performance of daily maintenance according to Clause 1.1;
  - 3.1.2. Any failure of the equipment caused by unforeseen circumstances including, but not limited to failure, interruption or out of specification provision of services to the equipment such as quality and/or quantity of cooling water, air, electrical power etc., accidental or willful damage to the equipment by the customer or a third party.
- 3.2. This agreement may be terminated by mutual agreement in writing of the parties.
- 3.3. Atlas Copco shall be entitled to terminate this agreement by notice in writing to the customer:
  - 3.3.1. In the circumstances referred to in Clauses 1.5 and 3.1;
  - 3.3.2. If the customer goes into liquidation or makes any voluntary arrangement with its creditors or becomes subject to an administration order or an encumbrance takes possession of or a receiver is appointed over any of the property or assets of the customer;
  - 3.3.3. If the customer ceases or threatens to cease to carry on business.
- 3.4. Neither party shall be liable to the other party for any indirect, consequential, incidental, special, punitive or exemplary damages or loss, of any kind, including, without limitation, any loss of business, lost profits or interruption of services (even if such party has been advised of the possibility of such damages or such damages could have been reasonably foreseen by such party). The total liability of the parties under this agreement after customer's payment of the purchase price for the product(s)/service(s) shall be limited to the amount of such purchase price as the exclusive remedy of the non-breaching party.
- 3.5. Temporary hire of equipment is not included to cover equipment outages unless otherwise agreed in writing by Atlas Copco.

### 4. Force Majeure

- 4.1. The delay or non-performance of any obligation under this agreement shall be excused if caused by an event beyond such party's reasonable control including but not limited to:
  - 4.1.1. Acts of God, restriction in the use of power, storm, lock out, strike, fire, civil commotion or civil unrest, act of war, compliance with the regulation or order of any governmental authority, quarantine, epidemic, or pandemic.

### 5. Guarantee

- 5.1. Atlas Copco warrants that the products provided are free from defects in material and workmanship and services are performed in a workmanlike manner. Atlas Copco standard equipment warranty applies and is available upon request.
- 5.2. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES (WRITTEN, ORAL, IMPLIED, OR OTHERWISE), AND ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED.

### 6. Environmental Damages

- 6.1. The Environmental Management at any site on which Atlas Copco equipment is used is the responsibility of the Customer. In this regard Atlas Copco disclaims any responsibility for any infringement which occurs related to Acts, Rules or Regulations pertaining to environmental pollution aspects such as noise, atmospheric, water, sewer, dangerous goods, waste disposal etc.

### 7. General

- 7.1. If any term of this agreement is held by any court or other competent authority to be void or unenforceable in whole or in part the other terms of this agreement and the remainder of the affected term shall continue to be valid.
- 7.2. Any notice to be given by either party to the other under this agreement may be delivered by hand or sent by first class post to the other party at the address for that party shown in this agreement. Any notice delivered by hand shall be deemed to have been served on delivery and any notice sent by post shall be deemed to have been served within 48 hours after posting.
- 7.3. Any waiver by Atlas Copco of a breach of any terms of this agreement by the customer shall not be considered as a waiver of any subsequent breach of the same term or any other term.

### 8. SMARTLINK

The equipment may include a data monitoring service called SMARTLINK. The data received by Atlas Copco may be used by Atlas Copco and certain third party distributors and contractors for the purpose of increasing overall customer service. Atlas Copco will use commercially reasonable efforts to ensure that Purchaser's data is kept confidential. Purchaser acknowledges that the use of the SMARTLINK is provided "as is", that use of the service is entirely at Purchaser's risk, and that Atlas Copco may discontinue the SMARTLINK service at any time. Purchaser may request discontinuance of the SMARTLINK service at any time. SMARTLINK Terms and Conditions are available upon request.



Pricing does not include freight.  
Pricing does not include taxes

Pricing applies to services performed during normal working hours, weekdays, from 8am – 5pm

Signed for and on behalf of Atlas Copco:

Signed for and on behalf of the customer:

Signature:

Signature:

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Name: Robert Gusdal

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Name: Mick Mummert

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Position: Service Sales Manager

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Position:

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Date: 03/15/22

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**Date:** 03/15/22

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Customer# 100390010

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PO#