

RESOLUTION NO. 5152

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SOLEDAD
ACCEPTING AND APPROVING A PROPOSAL FROM THE SPENCER TURBINE
COMPANY IN THE AMOUNT OF \$22,984.46 FOR BLOWER MODIFICATIONS FOR
THE BLOWER ENERGY REDUCTION PROJECT AND AUTHORIZING THE CITY
MANAGER TO MAKE THE PURCHASE ON BEHALF OF THE CITY**

WHEREAS, the City of Soledad owns and operates a Water Reclamation Facility (WRF) where staff have identified large electric air blowers producing more air than needed to treat wastewater at current flow rates; and

WHEREAS, AMBAG *Energy Watch Program* staff have assisted City staff in identifying large energy reduction projects, and concur with City staff in the recommendation to make changes to the 350 Horsepower (HP) constant speed blowers at the City's Water Reclamation Facility; and

WHEREAS, in conjunction with the electrical and process engineers at Spencer Turbine Company, the manufacturer of the blowers at the WRF, staff has concluded that modifying the existing blowers can achieve significant energy savings while still providing adequate air for wastewater treatment; and

WHEREAS, Staff requested the attached Service Quote from The Spencer Turbine Company to remove two of the six turbine vanes from one blower; and

WHEREAS, since only The Spencer Turbine Company is qualified and able to modify their blowers, Soledad Municipal Code Section 3.24.040 allows the City to dispense with its usual purchase bidding requirements when, as here, the involved parts and service can only be obtained from a single vendor; and

WHEREAS, project payback is estimated to be within 90 days by way of electric cost savings; and

WHEREAS, payment for the desired equipment modification, in the sum of \$22,984.46 will be made from Wastewater Enterprise line item #310-6100-2030; and

WHEREAS, therefore, staff recommends that Council authorize expenditures for this project; and

NOW THEREFORE BE IT HEREBY RESOLVED, by the City Council of the City of Soledad that The Spencer Turbine Company Quote No. SQ811281-283-2016 in the form attached hereto as Exhibit "A" and by this reference incorporated herein, for the modification to one Spencer 350 HP blower for the City's "Water Reclamation Facility Blower Energy Reduction Project," I the total sum of \$22,984.46 is hereby accepted and approved and the City Manager is authorized and directed to make said purchase on behalf of the City.

PASSED AND ADOPTED by the City Council of the City of Soledad at a regular meeting duly held on the 3rd of February, 2016 by the following vote:

AYES, and in favor thereof, Councilmembers: Christopher K. Bourke, Richard J. Perez, Patricia D. Stephens, Mayor Pro Tem Alejandro Chavez and Mayor Fred J. Ledesma

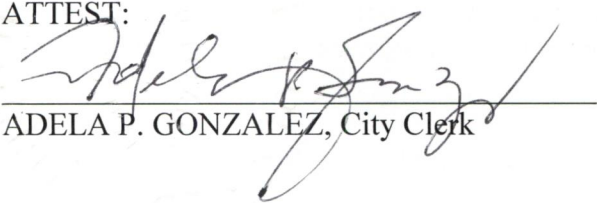
NOES, Councilmembers: None

ABSTAIN, Councilmembers: None

ABSENT, Councilmembers: None


FRED J. LEDESMA, Mayor

ATTEST:


ADELA P. GONZALEZ, City Clerk

The Spencer Turbine Company 600 Day Hill Rd Windsor, CT 06095 Phone: 860-688-8361 Fax: 860-688-0098

TO:	CITY OF SOLEDAD	Machine #:	811281-283
Fax:		RSO #:	
Email:		Prod. Code	40
Attention	ED ALEXANDRE	Cust. Ref. #	
Date:	1/11/2016		
Subject:	Quote No: SQ811281-283-2016		

Part No	Description	QTY	Price ea	Total Price
	THE FOLLOWING IS AN ESTIMATE TO MODIFY (1) 5000 SERIES PM FRO A C576T1IA3 TO A C51R46IA3 TO ACHIVE NEW PERFORMANCE RATING OF 8.5 PSI AT 3800SCFM			
	SHAFT KIT KSH---P	1	\$2,240.00	\$2,240.00
	IMPELLER IMP75064	1	\$1,150.00	\$1,150.00
	OUTBOARD BEARING BRG75012	1	\$173.00	\$173.00
	INBOARD BEARINGS BRG75010	2	\$222.00	\$444.00
	BEARING LOCKNUTS NUT90058	2	\$38.00	\$76.00
	BEARING LOCK WASHER WSH90027	2	\$12.00	\$24.00
	CAP GASKETS GSK75003	2	\$9.00	\$18.00
	SILICON SEALANT SLN90011	1	\$31.00	\$31.00
	LABOR INCLUDING: DISASSEMBLY, STEAM CLEANING, SAND BLASTING, BALANCING OF (4) EXISTING IMPELLERS, REASSEMBLY, TEST, AND PAINT.	1	\$4,320.00	\$4,320.00
	FREIGHT CHARGES BOTH WAYS	1	\$14,150.00	\$14,150.00

THIS ESTIMATE IS ASSUMING THAT ALL
PARTS BEING REUSED FROM EXISTING UNIT
ARE IN GOOD CONDITION

Total

\$22,626.00

Delivery approximately 5 weeks

Quote is valid for 90 days. The Spencer Turbine Company Terms and Conditions apply. All returned materials must be returned "Freight Prepaid." Spencer requires faxed Purchase Order to proceed. Spencer reserves the right to scrap any part replaced with a new part as part of the repair unless otherwise requested in written form.

Comments:

Please do not hesitate to call with any questions.

REGARDS,

Lester Raymond x-259