






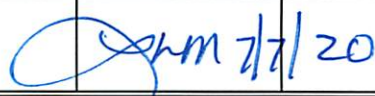
**SUBJECT:** Award of Bid No. 21-001B, Landfill Gas Collection & Control System Construction to Northstar Excavation & Asphalt, Inc., for the contract amount of \$1,911,229.00.

**AGENDA OF:** July 14, 2020

**ASSEMBLY ACTION:**

**MANAGER RECOMMENDATION:** Present to the Assembly for consideration.

**APPROVED BY GEORGE HAYS, ACTING BOROUGH MANAGER:** 

Route To:	Department/Individual	Initials	Remarks
	Purchasing Officer		7/1/2020
	Capital Projects Director		7/1/2020
	Public Works Director		7 July 2020
	Finance Director		
	Borough Attorney		
	Borough Clerk		KBS

**ATTACHMENT (S) :** Fiscal Note: Yes  No   
 Analysis Sheet (1p)  
 Scope of Work (1p)

**SUMMARY STATEMENT:** On June 2, 2020, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting bids from qualified contractors to construct a new landfill gas collection and control system at the MSB Central Landfill near Palmer, Alaska. The gas system will provide gas collection from two closed municipal solid waste disposal cells, identified as cell 1 and cell 2A. The project involves, but is not limited to, gas well

drilling, pipeline installation, excavation and backfilling, import of borrow material, furnishing and installing a skid-mounted flare, furnishing and installing blowers, condensate pumps and associated electrical component installation and connection to existing power supply. Finally, the contractor is required to reseal the Cell 2A cover liner system and revegetate the area.

In response to the advertisement, three bids were received. Award recommendation is being made to Northstar Excavation & Asphalt, Inc. as the lowest responsive and responsible bidder based on Total Base Bid Amount and alternate bid #1.

The substantial completion date #1 for this project is October 30, 2020 for all work except for the flare and skid installation, start-up and testing. Substantial Completion Date #2: January 15, 2021 for all remaining flare and skid work. Final completion date for this project is August 15, 2021 for work under Specification Section 329200 to be complete. All work not related to seeding (as specified in section 329200) must be complete by substantial completion date #2: January 15, 2021.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the resulting contract completion date by 30 days for unforeseen circumstances.

The Capital Projects Department, Engineering Branch will be administering the contract with the aid of Burns & McDonnell who will be performing construction administration services (pending assembly approval of AM 20-064).

**RECOMMENDATION OF ADMINISTRATION: Award of BID NO. 21-001B, LANDFILL GAS COLLECTION & CONTROL SYSTEM CONSTRUCTION to NORTHSTAR EXCAVATION & ASPHALT, INC. for the contract amount of ONE MILLION NINE HUNDRED ELEVEN TWO HUNDRED TWENTY NINE DOLLARS (\$1,911,229).**

MATANUSKA-SUSITNA BOROUGH  
FISCAL NOTE

Agenda Date: July 14, 2020

SUBJECT: Award of Bid No. 21-001B, Landfill Gas Collection & Control System Construction to Northstar Excavation & Asphalt, Inc., for the contract amount of \$1,911,229.00.

ORIGINATOR: Purchasing

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <input checked="" type="radio"/> YES <input type="radio"/> NO
AMOUNT REQUESTED \$1,911,229	FUNDING SOURCE Landfill Cap Projects
FROM ACCOUNT # 420.000.000 4xx.xx	PROJECT # 25056-0400-0401
TO ACCOUNT :	PROJECT #
VERIFIED BY: <i>Cheryl Weiland</i>	CERTIFIED BY:
DATE: 7/1/2020	DATE:

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL		1,911.2				
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REVENUE						
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FUNDING: (Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		1,911.2				
TOTAL		1,911.2				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 DEPARTMENT: *Cheryenne Peralta* DATE: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_ DATE: *7/1/2020*

# Analysis Sheet

## 21-001B Landfill Gas Collection & Control System Construction

BASE BID		BIDDERS		
		Lake View General Contracting, Inc.	ASRC Energy Services, LLC	North Star Exc. & Asphalt
Item	Description	BID ITEM PRICE	BID ITEM PRICE	BID ITEM PRICE
1	Mobilization/Demobilization/Insurance/Permits	\$147,225.00	\$55,200.54	\$180,000.00
2	Surveying & Staking	\$13,444.00	\$12,705.69	\$47,000.00
3	Site Health and Safety Plan	\$1,500.00	\$53,630.04	\$30,000.00
4	A Sediment Fence (Including Removal)	\$16,250.00	\$17,860.59	\$5,000.00
4	B Culvert Removal and Installation	\$4,200.00	\$6,487.75	\$8,500.00
4	C Riprap Spillway Installation	\$2,580.00	\$15,047.39	\$6,000.00
4	D Topsoil, Seed and Mulch Disturbed Areas (not including final cover)	\$54,617.00	\$10,887.67	\$45,000.00
4	Misc. Storm Water and Erosion Control Total (sum of 4A-4D)	\$77,647.00	\$50,283.40	\$64,500.00
5	A Landfill Gas Wells and Laterals in Cell 1	\$151,048.00	\$160,941.88	\$250,000.00
5	B Landfill Gas Wells and Laterals in Cell 2A	\$378,928.00	\$383,158.37	\$300,000.00
5	C Landfill Gas Header, Cleanouts, Isolation Valves and Appurtenances	\$463,158.00	\$320,640.06	\$150,000.00
5	D CS-01	\$48,350.00	\$121,593.35	\$150,000.00
5	E CS-02	\$71,623.00	\$69,427.86	\$150,000.00
5	F Flare Skid, Flare Skid Pad and Flare Skid Installation	\$355,003.00	\$420,693.29	\$450,000.00
5	G Leachate Force Main Vault	\$155,567.00	\$69,051.70	\$50,000.00
5	H Fencing	\$14,276.00	\$19,574.93	\$20,000.00
5	I Electrical System, Controls, Instrumentation	\$109,773.00	\$137,639.43	\$28,229.00
5	Landfill Gas Collection and Control System Construction Total (sum of 5A-5I)	\$1,747,726.00	\$1,702,720.87	\$1,548,229.00
<b>TOTAL BASE BID (SUME OF ITEMS 1-5)</b>		<b>\$1,987,542.00</b>	<b>\$1,874,540.54</b>	<b>\$1,869,729.00</b>
<b>ADDITIVE ALTERNATE 1</b>				
Item	Description	BID ITEM PRICE	BID ITEM PRICE	BID ITEM PRICE
1	Furnish a redundant (additional) blower on the Landfill Gas Blower Flare System to operate in alternating operation (only one blower to run at any given time).	\$40,103.00	\$50,425.00	\$41,500.00
<b>TOTAL BASE BID (SUME OF ITEMS 1-5) &amp; Alternate Bid</b>		<b>\$2,027,645.00</b>	<b>\$1,924,965.54</b>	<b>\$1,911,229.00</b>

AM 20-045

**BID #21-001B**

**LANDFILL GAS COLLECTION & CONTROL SYSTEM CONSTRUCTION**

**SCOPE OF WORK**

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General

The intent of this project is to construct a new landfill gas collection and control system at the Matanuska-Susitna Borough (MSB) Central Landfill near Palmer, Alaska. The gas system will provide gas collection from two closed municipal solid waste disposal cells, identified as cell 1 and cell 2A. The project involves, but is not limited to, gas well drilling, pipeline installation, excavation and backfilling, import of borrow material, furnishing and installing a skid-mounted flare, furnishing and installing blowers, condensate pumps and associated electrical component installation and connection to existing power supply.

All construction shall be completed in accordance with the attached project plans and specifications. The requirements contained in these plans and specifications are hereby made a part of this solicitation and resultant contract.

The project area is located entirely within the MSB Central Landfill property, specifically in the vicinity of the leachate lagoons and the closed cells 1 and 2A, as shown in the attached plans. The project can be accessed from 49th State Street via the commercial entrance to the landfill property. This is an active landfill with other contractors and MSB staff performing daily activities. The contractor shall coordinate construction traffic and work in traffic areas with the MSB Solid Waste Division Manager to ensure there are no conflicts with normal landfill operations. The contractor shall adhere to the normal landfill operating hours, as outlined in the project plans and specifications.

Work Description

- Supply labor, equipment, materials and supplies to perform the required work as shown in construction plans and specifications.
- All work shall be substantially complete prior to October 30, 2020. Final Completion shall be obtained by November 30, 2020.
- The estimated project construction cost is \$2,000,000.

*AM 20-065*



# MATANUSKA-SUSITNA BOROUGH

## Purchasing Division

350 East Dahlia Avenue • Palmer, AK 99645

Phone (907) 861-8601 • Fax (907) 861-8617

[purchasing@matsugov.us](mailto:purchasing@matsugov.us)

[www.matsugov.us](http://www.matsugov.us)

### Recommendation of Award and Distribution of Funds

Solicitation Number: 21-001B

Entitled: Landfill Gas Collection & Control System Construction

Tuesday, June 30, 2020

**TO:** Mike Campfield, Environmental Engineer, Capital Projects

**FROM:** Dustin Silva, Acting Purchasing Officer, Purchasing

Bids for construction of the above listed project were opened in the office of the Purchasing Officer on 6/30/2020 @ 2:15 PM (3.08.220(F)). The bid is summarized below:

Bidder	Total Base Bid & Alt. Bid	Award
<b>North Star Exc. &amp; Asphalt</b>	<b>\$1,911,229.00</b>	<b>YES</b>
ASRC Energy Services, LLC	\$1,924,965.54	No
Lake View General Contracting, Inc.	\$2,027,645.00	No

Based on the above, the Matanuska-Susitna Borough Purchasing Division will award to **North Star Exc. & Asphalt** in the amount of **\$1,911,229.00** as the lowest responsive and responsible bidder.

Funds were certified as available and have been distributed as follows:

Account Number	Project-Source-Sub Project	Amount
420.000.000 461.000	25056-0400-0401	\$1,911,229.00

The project area is located in Assembly District(s): All



Concur

Michael J. Campfield,  
P.E.

Digitally signed by Michael J.  
Campfield, P.E.  
Date: 2020.06.30 15:08:41 -08'00'

(Project Manager Signature)

Terry Dolan

Digitally signed by Terry Dolan  
Date: 2020.07.01 09:48:35 -08'00'

(Director Signature)

Please mark, sign and return to Purchasing.

AM 20-065