

SUBJECT: Award of bid number 25-179B to Southcentral Construction Inc. for the contract amount of \$1,487,654.50 to Construct Cell 4 Expansion at the Central Landfill.

AGENDA OF: August 5, 2025

ASSEMBLY ACTION:

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Purchasing Officer	<div>7 / 14 / 2025</div> <div>X D u s t i n S i l v a</div> <div>Signed by: Dustin Silva</div>
Public Works Director	<div>RECOVERABLE SIGNATURE</div> <div>X T o m A d a m s , P E</div> <div>Signed by: Tom Adams</div>
Finance Director	<div>RECOVERABLE SIGNATURE</div> <div>X C h e y e n n e H e i n d e l</div> <div>Signed by: Cheyenne Heindel</div>
Borough Attorney	<div>7 / 17 / 2025</div> <div>X J o h n A s c h e n b r e n n e r</div> <div>Signed by: John Aschenbrenner</div>
Borough Manager	<div>7 / 18 / 2025</div> <div>X M i c h a e l B r o w n</div> <div>Signed by: Mike Brown</div>
Borough Clerk	<div>7 / 21 / 2025</div> <div>X L o n n i e M c K e c h n i e</div> <div>Signed by: Lonnie McKechnie</div>

ATTACHMENT (S) : Analysis Sheet (1p)
 Scope of Work (11p)

SUMMARY STATEMENT: On June 2, 2025, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting bids from qualified contractors to Construct Cell 4 Expansion at the Central Landfill. Construction Services purchased will support the Public Works Department in assembly district #2.

In response to the advertisement, seven bids were received. Award recommendation is being made to Southcentral Construction Inc. as the lowest responsive and responsible bidder based on Total Bid Amount.

The final completion date for this project is August 30, 2026.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the resulting contract completion date by 90 days for unforeseen circumstances.

The Public Works Department, Solid Waste Division will be administering the contract with the aid of Burns & McDonnell who will be performing construction administration services.

RECOMMENDATION OF ADMINISTRATION: Approve the subject action memorandum.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: August 5, 2025

SUBJECT: Award of bid number 25-179B to Southcentral Construction Inc. for the contract amount of \$1,487,654.50 to Construct Cell 4 Expansion at the Central Landfill.

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$1,487,654.50	FUNDING SOURCE Landfill Capital Projects
FROM ACCOUNT # 420.000.000 4xx.xxx	PROJECT# 25020-2400-2413
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>X</u> <u>L i e s e l Z a n t o</u> <small>S i g n e d b y : L i e s e l W a l l a n d</small>	CERTIFIED BY:
DATE:	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL		1,487.7				
---------	--	---------	--	--	--	--

REVENUE						
---------	--	--	--	--	--	--

FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		1,487.7				
TOTAL		1,487.7				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____

DEPARTMENT: _____ DATE: _____

7 / 1 6 / 2 0 2 5

XC h e y e n n e H e i n d e l

APPROVED BY: _____ DATE: _____

S i g n e d b y : C h e y e n n e H e i n d e l

DIVISION 01 – GENERAL REQUIREMENTS

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.01 SUMMARY:

- A. This Section summarizes the Work covered in detail in the complete Contract Documents.
- B. Owner: Matanuska-Susitna Borough (MSB), 350 East Dahlia Ave., Palmer, AK 99645 is contracting for Work described in the Contract Documents.
 - 1. Contract Identification: Cell 4 Expansion Construction
 - 2. Work Site Location: Central Landfill, 1201 N 49th State St, Palmer, AK 99645.
- C. Engineer: The Contract Documents were prepared by Burns & McDonnell Engineering Company, Inc., 5600 American Blvd W, Suite 300, Bloomington, MN 55437.
- D. Contractor: General contractor for the construction of Cell 4 Expansion.

1.02 PROJECT DESCRIPTION:

- A. Description of Project: Contractor will construct the Cell 4 Expansion, which includes: stripping and stockpiling topsoil and cover soils within the Cell 2A final cover overlay; removal and disposal of existing subdrain piping, existing geocomposite drainage net (GDN), and existing geosynthetic clay liner (GCL) within the Cell 2A final cover overlay; completing earthwork necessary to establish Cell 4 Expansion subgrade; regrading the existing sand leveling course within Cell 2A final cover overlay, installing GCL, geomembrane liner, geotextile, leachate collection piping, gas collection lateral piping, granular drainage layer, and related items, and removal and reinstallation of existing gas collection and control system piping. All Work under this Contract shall be completed according to the Drawings and Specifications.
 - 1. The “Cell 2A final cover overlay” refers to the 1.28-acre area of Cell 2A that lies within the new Cell 4 Expansion liner area. The Cell 2A final cover area is shown as a gray shaded area on Contract Drawing C001.
- B. Work Covered by Contract Documents: The Work under this Contract shall include furnishing and paying for all supervision, labor, tools, materials, transportation, services, and supplies required to complete the Project in accordance with the Contract Documents.

1.03 WORK BY OTHERS:

- A. Work by Owner: General activities associated with the operation of a landfill.
- B. The site is open daily from 8:00 a.m. to 5:00 p.m.
- C. Contractor is required to coordinate all construction work with the Owner’s operations, and to ensure day-to-day operation of Owner’s facilities is not impeded.

1.04 CONTRACTOR'S USE OF PREMISES:

- A. Limited Use:
 - 1. Limit use of the premises for storage and execution of the Work to allow for Owner and Operator occupancy. Confine operations to areas within Contract limits indicated. Portions of Site outside the Contract limits shall not be disturbed.

SECTION 01 11 00 - SUMMARY OF WORK: continued

2. Coordinate with other separate contractors and Owner to avoid interference of operations.
 3. Conduct operations so as to ensure the least inconvenience to Owner.
 - B. Contractor shall limit operations to the areas identified on the Drawings. Contractor shall consult with Owner prior to using any other part of the site for construction observations.
 - C. Normal working hours will be 7 a.m. to 6 p.m. Monday through Saturday and 9 a.m. to 6 p.m. on Sunday. The Contractor may work extended hours with the Owner's written approval.
 - D. The responsibility for protection and safekeeping of equipment and materials on or near the site will be entirely that of the Contractor. No claim shall be made against the Owner for any reason of any act of any employee or trespasser. It shall be understood that should any occasion arise necessitating use by the Owner of sites occupied by stored materials and equipment, the Contractor shall immediately move the same.
- 1.05 OWNER'S USE OF PREMISES:
- A. Full Owner Occupancy: The Owner will occupy the Site during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations.
 - B. The Owner or Owner's agent shall operate the facilities after Substantial Completion.
- 1.06 WORK SEQUENCE:
- A. General: Construction sequence shall be determined by Contractor subject to Owner's need for continuous operation of existing facilities.
 - B. Continuous Service of Existing Facilities: Exercise caution and schedule operations to ensure that functioning of present facilities will not be disrupted. Shutdown of Owner's operating facilities to perform the Work shall be held to a minimum length of time and shall be coordinated with Owner who shall have control over the timing and schedules of such shutdowns.
 - C. The Owner and Engineer consider the Contractor's schedule and construction sequencing to be paramount for this project to ensure that the Work is properly planned, coordinated, and executed in accordance with the Contract Documents, and that the Owner's needs are maintained.
 - D. Coordinate schedule and operations with Owner and Engineer.
 - E. Contractor shall submit progress schedule under provisions of SECTION 01 31 00.
- 1.07 OWNER-FURNISHED EQUIPMENT AND MATERIALS:
- A. Equipment and Materials: The following Equipment and Materials will be furnished and paid for by Owner.
 1. "Granular Drainage Material". The Owner will furnish on-site materials to be used for granular drainage material. Contractor shall coordinate use of granular drainage material with Owner. Contractor shall be responsible for loading, hauling material to project site, placement of material, in-place material testing, and stockpile area maintenance and cleanup. This includes cleaning and removing debris along haul roads. Quality control testing shall be completed as specified in SECTION 31 23 17.

SECTION 01 11 00 - SUMMARY OF WORK: continued

2. "Common Backfill/General Fill". This material is available on-site. This soil is proposed for general grading and backfill. Contractor shall be responsible for material conformance testing, excavation, hauling, and placement of this material as specified in SECTION 31 20 00.
3. "Topsoil". Topsoil material is available onsite from stripping existing topsoil. Contractor shall be responsible for hauling the material to site and placement of the material as specified in SECTION 31 20 00.
- B. Contractor shall obtain approval from Owner prior to using Owner provided material. See SECTION 31 20 00 for site restoration requirements. All other material and equipment shall be supplied by the Contractor. Contractor shall be responsible for excavation, hauling, and placement for all materials as specified in SECTION 31 20 00.
- C. Site geologic and engineering reports are available at the Landfill upon request. Interpretation of the data shall be the sole responsibility of the Contractor.
- D. Except as explicitly stated, Contractor shall not use, have access to, or plan to use Owner's equipment, materials, staff, or supplies for any part of the work.

1.08 CONTRACTOR-FURNISHED MATERIAL AND EQUIPMENT

- A. Contractor shall be responsible for locating, acquiring, and performing borrow source testing for all off-site materials not mentioned above as well as equipment for the Contract.
- B. All gates, barricades, fences, handrails, guardrails, and security required by the Contract or by law and regulation.
- C. Sanitary facilities adequate for all workers and complying with all codes and regulations. Contractor shall maintain cleanliness of facility.
- D. Shelter and drying facilities for workers if required by codes and regulations.
- E. Guards, marks, shields, protective clothing, rain gear, and/or other equipment required by law, ordinance, labor contract, OSHA, and other regulations for the maintenance of health and safety.
- F. First aid kits and equipment required by law and regulations.

1.09 MEASUREMENT AND PAYMENT:

- A. Unit Price Contracts: All Work indicated on the Contract Drawings and specified in the Contract Documents shall be included in the "Unit Price Schedule" in the Agreement. A Unit Price is an amount proposed by CONTRACTOR and stated in the Agreement as a price per unit of measurement for materials or services.
 1. The unit or lump sum contract prices shall constitute full compensation for furnishing all labor, equipment, and materials, and performing all operations required to complete the Work as required. Notwithstanding the omission or mention of any incident or incidental Work, the contract price and payment shall also constitute full compensation for all Work incident or incidental to completion of the item, unless such Work is otherwise specifically mentioned for separate payment under another item.
 2. All Work not included as unit price bid items shall be included in bid items with lump sum prices.
- B. Measurement and Payment Schedule:

SECTION 01 11 00 - SUMMARY OF WORK: continued

1. Mobilization/Demobilization/Insurance/Permits: Shall be paid for at the applicable contract lump sum price. Mobilization consists of preconstruction expenses and the costs of preparatory work and operations, such as moving in personnel and equipment, setting up of temporary offices, facilities and utilities. Payment will be as follows:
 - a. When 4% of the total original contract amount is earned from other bid items: 40% of the amount bid for Mobilization and Demobilization, or 4% of the total original contract amount, whichever is less, will be paid.
 - b. When 8% of the total original contract amount is earned from other bid items: an additional 40% of the amount bid for Mobilization and Demobilization, or an additional 4% of the total original contract amount, whichever is less, will be paid.
 - c. The remaining balance of the amount bid for Mobilization and Demobilization will be paid after all submittals required under the contract are received and approved.
2. Survey & Staking
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to survey, stake, and provide survey results to Owner and Engineer as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 01 71 23.
3. Site Health and Safety Plan (HASP)
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish a HASP as specified in the Project Specifications, including SECTION 01 35 29.
4. Final Cover Stripping and Stockpiling
 - a. Measurement shall be per acre of Cell 2A final cover stripped and stockpiled as shown on the Contract Drawings.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to remove, stockpile, and/or dispose of existing topsoil, existing cover layer, existing GDN, and existing GCL from the existing Cell 2A final cover overlay as shown in the Contract Drawings and as specified in the Project Specifications.
5. Remove Existing Subdrainage Pipes within Cell 2A Final Cover Overlay
 - a. Measurement shall be per linear foot of existing drainage pipe removed and disposed of from within the Cell 2A Final Cover Overlay.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to remove existing subdrainage pipe from the Cell 2A final cover overlay and dispose of onsite.
6. Corrugated Plastic 6" Perforated Drainage Pipe w/ Geotextile Sock
 - a. Measurement shall be per linear foot of new 6" corrugated HDPE perforated pipe with geotextile sock furnished and installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish and install new 6" corrugated HDPE perforated pipe with geotextile sock

SECTION 01 11 00 - SUMMARY OF WORK: continued

and all connections/fittings as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 33 00 00.

7. Unclassified Excavation (to Establish Cell 4 and Road Subgrade)
 - a. Measurement shall be per cubic yard of material excavated from the Cell 4 Expansion project area to establish Cell 4 and road subgrade (does not include soils stripped from Cell 2A final cover overlay) as shown in the Contract Drawings and as specified in the Project Specifications. Measurement shall be per surveyed quantities excavated based on existing conditions survey compared to the surveyed Cell 4 expansion top of prepared subgrade surface (within Cell 4) and the general grade surface (outside of Cell 4).
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to excavate and haul soils as shown on the Contract Drawings and as specified in the Project Specifications.
8. Embankment Fill (to Establish Cell 4 and Road Subgrade)
 - a. Measurement shall be per cubic yard of material placed (in-place quantity) within the Cell 4 Expansion project area to establish Cell 4 and road subgrade, including all liner termination berms, as shown in the Contract Drawings and as specified in the Project Specifications.
 - b. Measurement shall be full pay for all labor, tools, materials, and equipment required to haul, place, grade, compact, and test embankment fill (including all liner termination berms), as shown in the Contract Drawings and as specified in the Project Specifications.
9. Grading and Subgrade Preparation
 - a. Measurement shall be per acre of area for preparation of subgrade for sand leveling course in the Cell 4 Expansion (outside of Cell 2A final cover overlay).
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to grade and prepare subgrade in the Cell 4 Expansion (outside of Cell 2A final cover overlay) for sand leveling course placement including compaction and testing, as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 20 00.
10. Sand Leveling Course
 - a. Measurement shall be per cubic yard of material placed (in-place quantity) within the Cell 4 Expansion. Measurement shall be per surveyed quantities based on top of subgrade survey compared to top of sand leveling course survey.
 - b. Payment shall be full pay for all labor, tools, material, and equipment required to test, furnish, place, and compact sand leveling course material in the Cell 4 Expansion (including regrading the existing sand leveling course within the Cell 2A final cover overlay) as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 20 00.
11. Geosynthetic Clay Liner (GCL)
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, material, and equipment required to test, furnish, place, and install GCL material in the Cell 4 Expansion as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 05 19.23.

SECTION 01 11 00 - SUMMARY OF WORK: continued

12. High Density Polyethylene (HDPE) Geomembrane Liner (60-mil Double-Sided Textured)
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to test, furnish, place, and install HDPE geomembrane in the Cell 4 Expansion (outside of Cell 2A final cover overlay), including plywood for liner protection as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 05 19.16.
13. Linear Low Density Polyethylene (LLDPE) Geomembrane Liner (60-mil Double-Sided Textured)
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to test, furnish, place, and install LLDPE geomembrane in the Cell 4 Expansion (within the Cell 2A final cover overlay), including plywood for liner protection as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 05 19.16.
14. Geotextile Cushion Fabric (16 oz/sy non-woven)
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to test, furnish, place, and install non-woven geotextile cushion fabric (16 oz/sy) as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 05 19.13.
15. Geotextile Filter Fabric (4 oz/sy non-woven)
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to test, furnish, place, and install non-woven geotextile filter fabric (4 oz/sy) as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 05 19.13.
16. HDPE 8" SDR 11 Perforated Piping
 - a. Measurement shall be per linear foot of pipe installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install HDPE 8" SDR 11 perforated piping and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
17. HDPE 8" SDR 11 Solid Piping
 - a. Measurement shall be per linear foot of pipe installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install HDPE 8" SDR 11 solid piping, pipe supports, reinforced concrete pads, and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
18. HDPE 6" SDR 11 Perforated Piping
 - a. Measurement shall be per linear foot of pipe installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install HDPE 6" SDR 11 perforated piping and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.

SECTION 01 11 00 - SUMMARY OF WORK: continued

19. HDPE 6" SDR 11 Solid Piping
 - a. Measurement shall be per linear foot of pipe installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install HDPE 6" SDR 11 solid piping, pipe supports, reinforced concrete pads, and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
20. HDPE 4" SDR 11 Solid Piping
 - a. Measurement shall be per linear foot of pipe installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install HDPE 4" SDR 11 solid piping, pipe supports, reinforced concrete pads, and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
21. 7' Long, 4" Diameter Schedule 40 Galvanized Steel Bollard Filled with Concrete
 - a. Measurement shall be per each bollard installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install 7' long, 4" diameter schedule 40 galvanized steel bollard filled with concrete (including concrete footings) as shown in the Contract Drawings and as specified in the Project Specifications.
22. Remove & Reinstall Existing Landfill Gas Wellhead/Cleanout
 - a. Measurement shall be per each landfill gas wellhead/cleanout removed and reinstalled.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to complete the following as shown in the Contract Drawings and as specified in the Project Specifications:
 - (1) Disconnect, remove, place, reinstall existing landfill gas wellheads/cleanouts at new locations.
 - (2) Furnish, place, and install new pipe supports, reinforced concrete pads, and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
23. Pipe Trenching & Backfill (Up to 6-ft Depth)
 - a. Measurement shall be per linear foot of pipe trenched and backfilled in Cell 2A final cover overlay.
 - b. Payment shall be full pay for all labor, tools, materials, equipment, and testing required to complete the following as shown in the Contract Drawings and as specified in the Project Specifications:
 - (1) Trench into existing waste and cover soils within the Cell 2A final cover overlay.
 - (2) Haul, place, and compact trench backfill after installation of piping.
 - (3) Relocate and dispose of excess waste materials onsite.
24. LLDPE Pipe Boot
 - a. Measurement shall be per each LLDPE pipe boot installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install LLDPE pipe boots as shown in the Contract Drawings and as specified in the Project Specifications.
25. Disconnect & Remove Existing 4" Arctic HDPE SDR 17
 - a. Measurement shall be per each linear foot of piping disconnected and removed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to disconnect, remove, and relocate existing 4" HDPE SDR 17 Arctic surface piping to

SECTION 01 11 00 - SUMMARY OF WORK: continued

onsite storage location as indicated by Owner as shown in the Contract Drawings and as specified in the Project Specifications.

26. Disconnect & Remove Existing 8" Arctic HDPE Surface Piping
 - a. Measurement shall be per each linear foot of piping disconnected and removed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to disconnect, remove, and relocate existing 8" HDPE Arctic surface piping (either to be reused as part of the Project or to be placed in onsite storage location as indicated by Owner) as shown in the Contract Drawings and as specified in the Project Specifications.
27. Install Reused 8" Arctic HDPE Surface Piping
 - a. Measurement shall be per each linear foot of piping installed.
 - b. Payment shall be full pay for all labor, tools, materials, equipment, and testing required to install existing, reused 8" HDPE Arctic surface piping including pipe supports and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
28. New Landfill Gas Wellhead/Cleanout
 - a. Measurement shall be per each new gas landfill gas wellhead/cleanout installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, and install new landfill gas wellhead/cleanout including pipe supports, reinforced concrete pad, and fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
29. Connect Existing Landfill Gas Wells (GW-12 & GW-17) to Reused 8" Arctic HDPE Surface Piping
 - a. Measurement shall be per landfill gas well connected to the 8" Arctic HDPE surface piping.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish, place, install, and connect existing landfill gas wells to the reused 8" HDPE Surface Piping including fittings/appurtenances as shown in the Contract Drawings and as specified in the Project Specifications.
30. Cut, Cap, & Abandon Gas Vent
 - a. Measurement shall be per each existing gas vent cut, capped, and abandoned.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to cut, cap, and abandon existing gas vent as shown in the Contract Drawings and as specified in the Project Specifications.
31. Granular Drainage Material (Install Owner Provided Material)
 - a. Measurement shall be per each cubic yard of material placed (in-place quantity) within the Cell 4 Expansion. Measurement shall be determined as follows:
 - (1) Within the Cell 2A final cover overlay, measurement shall be determined either by surveyed quantities (top of sand leveling course surface compared to top of granular drainage material surface) or, with Engineer's approval, by calculation based on field measurements (in-place depths of granular drainage material and surveyed granular drainage material placement area).
 - (2) Outside the Cell 2A final cover overlay, measurement shall be determined by surveyed quantities based on top of sand leveling course surface compared to top of granular drainage material surface.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to haul, place, and provide in-place quality control testing of Owner provided granular

SECTION 01 11 00 - SUMMARY OF WORK: continued

drainage material as shown in the Contract Drawings and as specified in the Project Specifications, including SECTION 31 23 17.

- 32. Leak Location Survey
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to perform a leak location survey as well as repair any identified leaks as specified in the Project Specifications, including SECTION 31 05 19.17.
- 33. Landfill Limit Markers
 - a. Measurement shall be per each landfill limit marker installed.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish and install landfill limit marker posts as shown in the Contract Drawings and as specified in the Project Specifications.
- 34. Erosion and Sediment Control
 - a. No measurement shall apply to the lump sum price.
 - b. Payment shall be full pay for all labor, tools, materials, and equipment required to furnish and place topsoil, seed, mulch, silt fence, stabilized construction exit, and other erosion and sedimentation control best management practices as shown in the Contract Drawings, as specified in the Project Specifications, and/or as required to comply with any local, state, and federal regulations.
- C. Change Orders and Payment Procedures: Stated in the Owner's General Conditions of The Contract for Construction.

1.10 LIST OF DRAWINGS:

- A. Contract Drawings:
 - 1. Each sheet of the Contract Drawings bears the following general title:
Cell 4 Expansion Construction.
 - 2. Individual sheet numbers and titles are as stated on index sheet under "Contract Drawings".

1.11 CONTRACTOR'S WORK PROGRESS

- A. If Contractor's actual progress fails to meet that required for completion, Contractor shall increase its work force, equipment, and efforts as required to bring actual progress of the Work into the conformance with planned progress at no additional cost to Owner.

1.12 CONSTRUCTION AND BORROW AREA LIMITS

- A. Contractor shall restrict Contractor's operations and storage of materials and equipment to within the construction limits shown on the Contract Drawings unless otherwise approved by Owner. When limits are not shown, Owner or Engineer will define the construction limits in the field when owner believes it is appropriate or upon the reasonable request of Contractor. Contractor shall restore all disturbed areas according to SECTION 32 92 00.

SECTION 01 11 00 - SUMMARY OF WORK: continued

1.13 LINES AND GRADES

- A. Owner will provide Contractor with only control point and benchmark information necessary for the construction of the Work. It is Contractor's responsibility to protect the information. The control points and benchmarks are noted on the Contract Drawings. No further information will be provided by the Owner. The Contractor is responsible for establishing additional control for their use. In the event the alignment and grade information is destroyed by Contractor, Owner reserves the right to withhold from payments due to Contractor the reasonable costs involved in resupplying the information.
- B. AutoCAD files for the project are available upon request. The Contractor assumes all liability when using the Engineer provided files and any discrepancies shall not be cause for change order(s) on the project.
- C. Contractor shall provide all construction survey and layout staking and quality control survey as described in SECTION 01 71 23. Contractor shall retain an independent registered land surveyor licensed in the State of Alaska to complete all construction survey and layout staking.
- D. If Contractor covers subgrade, geosynthetics, pipe, and appurtenances before the necessary Quality Control has been performed, Contractor, at Engineer Representative's request, shall uncover, expose, or otherwise make available for observation, inspection, surveying or testing as Engineer's Representative may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. Unless Contractor has given timely notice to Engineer's Representative of intent to cover work and Engineer's Representative fails to act, Contractor shall bear all direct, indirect and consequential costs of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction.

1.14 STREETS AND HIGHWAYS

- A. Contractor shall obtain any permits necessary to haul materials or equipment on public streets and highways. There may be specific restrictions on regional roads during the construction period.
- B. Contractor shall be responsible for repair of all streets, highways, and private roads that are damaged by Contractor's operations.
- C. Contractor shall provide all traffic control warning devices and procedures required by Owner, Engineer, or other agency or governmental body with jurisdiction over adjacent roadways.
- D. Contractor shall provide dust control as necessary at borrow sources, along haul routes, and at the Landfill to minimize public impact and to provide safe travel for others along haul routes.
- E. Contractor shall clean all haul routes of materials which have spilled or tracked from Contractor's equipment. At the request of the Owner or Engineer, Contractor shall promptly sweep streets. If streets are not swept within 24 hours, the Owner shall hire a separate subcontractor to sweep the streets. The Contractor shall be responsible for all associated costs.

1.15 PROPERTY DAMAGE

- A. Except where covered elsewhere in this Specification, and to the extent of Contractor's liability, Contractor shall restore damaged property to a condition equal to or better than that existing before the damage was done, by repairing, rebuilding, or replacing it as directed, or Contractor shall otherwise make good the damage in an acceptable manner. Contractor shall

SECTION 01 11 00 - SUMMARY OF WORK: continued

assume full responsibility for all damages to property of any character, resulting from any act, omission, neglect, or misconduct in the execution or non-execution of the Work.

PART 2 - PRODUCTS - NOT APPLICABLE.

PART 3 - EXECUTION – NOT APPLICABLE.

END OF SECTION 01 11 00

25-179B Construct Cell 4 Expansion at the Central Landfill - Detailed Bid/Quote Analysis

		Vendor Name		Southcentral Construction		Qayaq Construction		Alaska Aggregate Products		Tutka, LLC		East Fork Constrction		Bristol Prime Contractors		Granite Construction Co.	
Item Number	Work Description	Unit	Quantity	Unit Price	Extended P:rice	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization/Demobilization/Insurance/Permits	Lump Sum	1		\$188,000.00		\$144,000.00		\$73,350.00		\$300,000.00		\$60,000.00		\$76,183.42		\$150,000.00
2	Surveying & Staking	Lump Sum	1		\$54,000.00		\$43,500.00		\$118,305.00		\$120,000.00		\$25,000.00		\$129,907.42		\$30,000.00
3	Site Health and Safety Plan	Lump Sum	1		\$600.00		\$26,000.00		\$106,788.00		\$50,000.00		\$25,000.00		\$28,240.74		\$1,000.00
4	Final Cover Stripping and Stockpiling	Acre	1.3	\$62,000.00	\$80,600.00	\$78,000.00	\$101,400.00	\$27,380.00	\$35,594.00	\$55,000.00	\$71,500.00	\$150,000.00	\$195,000.00	\$15,212.08	\$19,775.70	\$50,000.00	\$65,000.00
5	Remove Existing Subdrainage Pipes within Cell 2A Final Cover Overlay	LF	1,446	\$7.50	\$10,845.00	\$7.00	\$10,122.00	\$26.45	\$38,246.70	\$15.00	\$21,690.00	\$40.00	\$57,840.00	\$14.98	\$21,661.08	\$15.00	\$21,690.00
6	Corrugated Plastic 6" Perforated Drainage Pipe w/ Geotextile Sock	LF	150	\$13.75	\$2,062.50	\$32.00	\$4,800.00	\$26.95	\$4,042.50	\$37.00	\$5,550.00	\$50.00	\$7,500.00	\$89.75	\$13,462.50	\$35.00	\$5,250.00
7	Unclassified Excavation (to Establish Cell 4 and Road Subgrade)	CY	15,584	\$6.25	\$97,400.00	\$9.50	\$148,048.00	\$12.75	\$198,696.00	\$7.28	\$113,451.52	\$5.00	\$77,920.00	\$13.23	\$206,176.32	\$8.00	\$124,672.00
8	Embankment Fill (to Establish Cell 4 and Road Subgrade)	CY	4,280	\$12.00	\$51,360.00	\$5.00	\$21,400.00	\$8.30	\$35,524.00	\$23.25	\$99,510.00	\$10.00	\$42,800.00	\$17.51	\$74,942.80	\$3.00	\$12,840.00
9	Grading and Subgrade Preparation	Acre	2.0	\$26,000.00	\$52,000.00	\$20,350.00	\$40,700.00	\$4,783.00	\$9,566.00	\$11,000.00	\$22,000.00	\$50,000.00	\$100,000.00	\$11,567.61	\$23,135.22	\$10,000.00	\$20,000.00
10	Sand Leveling Course	CY	1,592	\$28.00	\$44,576.00	\$66.50	\$105,868.00	\$41.50	\$66,068.00	\$59.00	\$93,928.00	\$47.00	\$74,824.00	\$48.71	\$77,546.32	\$65.00	\$103,480.00
11	Geosynthetic Clay Liner (GCL)	Lump Sum	1		\$194,000.00		\$294,000.00		\$292,648.00		\$208,000.00		\$189,046.00		\$187,889.47		\$205,000.00
12	60-Mil Textured HDPE Geomembrane Liner	Lump Sum	1		\$114,000.00		\$155,000.00		\$147,945.95		\$122,000.00		\$114,712.00		\$85,848.48		\$125,000.00
13	60-Mil Textured LLDPE Geomembrane Liner	Lump Sum	1		\$64,000.00		\$99,000.00		\$85,358.00		\$69,000.00		\$60,381.00		\$ 70,033.66		\$75,000.00
14	Geotextile Cushion Fabric (16 Oz/Sy Non-Woven)	Lump Sum	1		\$94,000.00		\$104,000.00		\$127,722.00		\$122,000.00		\$82,235.00		\$65,892.78		\$105,000.00
15	Geotextile Filter Fabric (4 Oz/Sy Non-Woven)	Lump Sum	1		\$2,200.00		\$1,700.00		\$6,125.40		\$2,300.00		\$1,000.00		\$165,300.20		\$10,000.00
16	HDPE 8" SDR 11 Perforated Piping	LF	859	\$40.00	\$34,360.00	\$80.00	\$68,720.00	\$46.35	\$39,814.65	\$40.00	\$34,360.00	\$50.00	\$42,950.00	\$33.87	\$29,094.33	\$50.00	\$42,950.00
17	HDPE 8" SDR 11 Solid Piping	LF	304	\$71.00	\$21,584.00	\$130.00	\$39,520.00	\$59.05	\$17,951.20	\$60.00	\$18,240.00	\$50.00	\$15,200.00	\$54.45	\$16,552.80	\$100.00	\$30,400.00
18	HDPE 6" SDR 11 Perforated Piping	LF	578	\$33.00	\$19,074.00	\$80.00	\$46,240.00	\$30.30	\$17,513.40	\$34.00	\$19,652.00	\$50.00	\$28,900.00	\$28.49	\$16,467.22	\$45.00	\$26,010.00
19	HDPE 6" SDR 11 Solid Piping	LF	723	\$43.00	\$31,089.00	\$90.00	\$65,070.00	\$25.50	\$18,436.50	\$50.00	\$36,150.00	\$50.00	\$36,150.00	\$44.02	\$31,826.46	\$60.00	\$43,380.00
20	HDPE 4" SDR 11 Solid Piping	LF	657	\$25.00	\$16,425.00	\$70.00	\$45,990.00	\$18.75	\$12,318.75	\$23.00	\$15,111.00	\$50.00	\$32,850.00	\$26.06	\$17,121.42	\$40.00	\$26,280.00
21	7' Long, 4" Diameter, Sch 40 Galv Steel Bollard Filled with Concrete	EA	8	\$1,200.00	\$9,600.00	\$2,400.00	\$19,200.00	\$1,205.50	\$9,644.00	\$600.00	\$4,800.00	\$1,500.00	\$12,000.00	\$1,162.57	\$9,300.56	\$2,000.00	\$16,000.00
22	Remove & Reinstall Existing Landfill Gas Wellheads/Cleanouts	EA	4	\$2,000.00	\$8,000.00	\$4,000.00	\$16,000.00	\$5,237.00	\$20,948.00	\$4,200.00	\$16,800.00	\$4,000.00	\$16,000.00	\$3,393.14	\$13,572.56	\$10,000.00	\$40,000.00
23	Pipe Trenching & Backfill Up to 6-Ft Depth	LF	128	\$82.00	\$10,496.00	\$42.00	\$5,376.00	\$49.50	\$6,336.00	\$136.00	\$17,408.00	\$30.00	\$3,840.00	\$22.31	\$2,855.68	\$75.00	\$9,600.00
24	LLDPE Pipe Boot	EA	1	\$900.00	\$900.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$3,978.81	\$3,978.81	\$1,000.00	\$1,000.00
25	Disconnect & Remove 4" Arctic HDPE SDR 17 Surface Piping	LF	110	\$29.00	\$3,190.00	\$21.00	\$2,310.00	\$31.70	\$3,487.00	\$10.00	\$1,100.00	\$100.00	\$11,000.00	\$31.15	\$3,426.50	\$20.00	\$2,200.00
26	Disconnect & Remove Existing 8" Arctic HDPE SDR 17 Surface Piping	LF	600	\$16.00	\$9,600.00	\$21.00	\$12,600.00	\$31.70	\$19,020.00	\$31.00	\$18,600.00	\$100.00	\$60,000.00	\$18.72	\$11,232.00	\$20.00	\$12,000.00
27	Install Reused 8" Arctic HDPE Surface Piping	LF	432	\$220.00	\$95,040.00	\$305.00	\$131,760.00	\$23.88	\$10,316.16	\$239.00	\$103,248.00	\$100.00	\$43,200.00	\$189.16	\$81,717.12	\$350.00	\$151,200.00
28	New Landfill Gas Wellhead/Cleanout	EA	1	\$7,600.00	\$7,600.00	\$2,700.00	\$2,700.00	\$13,577.50	\$13,577.50	\$2,600.00	\$2,600.00	\$5,000.00	\$5,000.00	\$2,952.92	\$2,952.92	\$10,000.00	\$10,000.00
29	Connect Existing Landfill Gas Wells (GW-12 & GW17) to Reused 8" Arctic	EA	2	\$1,600.00	\$3,200.00	\$2,000.00	\$4,000.00	\$2,059.00	\$4,118.00	\$900.00	\$1,800.00	\$2,500.00	\$5,000.00	\$1,921.51	\$3,843.02	\$5,000.00	\$10,000.00
30	Cut, Cap, & Abandon Gas Vent	EA	1	\$1,600.00	\$1,600.00	\$3,600.00	\$3,600.00	\$635.00	\$635.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$3,202.53	\$3,202.53	\$2,000.00	\$2,000.00
31	Granular Drainage Material (Install Owner Provided Material)	CY	7,823	\$11.00	\$86,053.00	\$31.00	\$242,513.00	\$12.65	\$98,960.95	\$11.21	\$87,695.83	\$8.00	\$62,584.00	\$10.90	\$85,270.70	\$11.00	\$86,053.00
32	Leak Location Survey	Lump Sum	1		\$14,000.00		\$22,000.00		\$14,019.00		\$32,000.00		\$16,200.00		\$22,592.59		\$15,000.00
33	Landfill Limit Markers	EA	12	\$100.00	\$1,200.00	\$285.00	\$3,420.00	\$192.75	\$2,313.00	\$75.00	\$900.00	\$100.00	\$1,200.00	\$217.04	\$2,604.48	\$250.00	\$3,000.00
34	Erosion and Sediment Control	Lump Sum	1		\$65,000.00		\$30,000.00		\$34,070.00		\$77,000.00		\$7,000.00		\$75,632.22		\$50,000.00
	Total				\$1,487,654.50		\$2,065,557.00		\$1,694,458.66		\$1,910,294.35		\$1,514,832.00		\$1,679,240.03		\$1,631,005.00