

SUBJECT: Award of bid number 24-144B to Nodak Electric & Construction, Inc. for the contract amount of \$344,200 to supply & install generators for Emergency Services Stations.

AGENDA OF: September 3, 2024

ASSEMBLY ACTION: Approved under the consent agenda 09/03/24 - BJH

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

| Route To: | Signature |
|-----------------------|---|
| Purchasing Officer | <div>8/21/2024</div> <div>X Rustin Krafft</div> <div>Signed by: Rustin Krafft</div> |
| Public Works Director | <div>8/21/2024</div> <div>X Ken Barkley</div> <div>Signed by: Ken Barkley</div> |
| Finance Director | <div>8/22/2024</div> <div>X Cheyenne Heindel</div> <div>Signed by: Cheyenne Heindel</div> |
| Borough Attorney | <div>8/22/2024</div> <div>X Nicholas Spiropoulos</div> <div>Signed by: Nicholas Spiropoulos</div> |
| Borough Manager | <div>8/23/2024</div> <div>X Michael Brown</div> <div>Signed by: Mike Brown</div> |
| Borough Clerk | <div>8/23/2024</div> <div>X Lonnie McKechnie</div> <div>Signed by: Lonnie McKechnie</div> |

ATTACHMENT (S): Analysis Sheet (1p)
Scope of Work (4p)

SUMMARY STATEMENT: On May 13, 2024, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting bids from qualified contractors to provide engineered design, supply generators, and construction services for the Department of Emergency Services (DES) generator install project. The scope includes installing new generators at Station 3-5, Station 12-6, and Station 3-3. Construction Services purchased will support the Emergency Services Department in Assembly District #2.

In response to the advertisement, three bids were received. Award recommendation is being made to Nodak Electric & Construction as the lowest responsive and responsible bidder based on Total Bid Amount.

The final completion date for this project is December 30, 2025.

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, Project Management Division will be administering the contract.

RECOMMENDATION OF ADMINISTRATION: Approve the subject action memorandum.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: August 20, 2024

SUBJECT: Award of bid number 24-144B to Nodak Electric & Construction, Inc. for the contract amount of \$344,200 to supply & install generators for Emergency Services Stations.

| | |
|--|-------------------------------|
| FISCAL ACTION (TO BE COMPLETED BY FINANCE) | FISCAL IMPACT YES NO |
| AMOUNT REQUESTED \$344,200 | FUNDING SOURCE |
| FROM ACCOUNT # 425.000.000 4xx.xxx | PROJECT# 45158-4400-4423/4424 |
| TO ACCOUNT : | PROJECT # |
| VERIFIED BY: ____X____Liese l W e i l a n d Signed by: Liese l W e i l a n d | CERTIFIED BY: |
| DATE: 08/21/2024 | 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 | 344.2 | | | | | |
|---------|-------|--|--|--|--|--|

| | | | | | | |
|---------|--|--|--|--|--|--|
| REVENUE | | | | | | |
|---------|--|--|--|--|--|--|

FUNDING:

(Thousands of Dollars)

| | | | | | | |
|---------------------|-------|--|--|--|--|--|
| General Fund | | | | | | |
| State/Federal Funds | | | | | | |
| Other | 344.2 | | | | | |
| TOTAL | 344.2 | | | | | |

POSITIONS:

| | | | | | | |
|-----------|--|--|--|--|--|--|
| Full-Time | | | | | | |
| Part-Time | | | | | | |
| Temporary | | | | | | |

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____

DEPARTMENT: _____ DATE: _____

8 / 2 2 / 2 0 2 4

X

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

APPROVED BY: _____ DATE: _____

Signed by: C h e y e n n e H e i n d e l

**SCOPE OF WORK
BID 24-144B**

SUPPLY & INSTALL GENERATORS FOR EMERGENCY SERVICES

The Matanuska-Susitna Borough (MSB) is soliciting quotes from qualified contractors to provide engineered design, supply generators and construction services for the Department of Emergency Services (DES) generator install project. The scope includes replacing an existing generator at Station 3-5, installing a new generator at Station 12-6, and Station 3-3. Also, there is an additive alternative option to install a generator at Station 12-5 and Station 12-4. The project is funded through a grant from the State of Alaska Division of Homeland Security and Emergency Management (DHS&M)/Federal Emergency Management Agency (FEMA) EMW-2022-SS-00034-S01.

GENERAL

The proposal shall include all costs for design and professional stamps by appropriate Alaska licenses Architectural/Engineering disciplines. The work includes all design, but is not limited to civil, architectural, structural, mechanical, and electrical, and all required permitting.

All work shall comply with the applicable requirements of the IBC, IMC, NEC, UPC and current State of Alaska Amendments both as shown or implied by the type of construction and building use. The contractor is responsible for filing for and obtaining all required plan reviews and permits, as applicable, including associated costs.

The work shall comply with applicable portions of the Matanuska-Susitna Borough Facilities Design Criteria Manual available at <https://matsugov.us/30-documents/outreach/16733-2009-msb-facility-design-criteria-manual> unless project requirements listed in this document indicate otherwise.

Use only new products, items that have not previously been incorporated into another project or facility. Do not use products salvaged or recycled from other projects.

Contractor shall provide all labor, tools, equipment, and services needed to complete to scope of work.

All work must follow current OSHA safety standards. The contractor is responsible for the safety of their crew and subcontractors and for maintaining a safe work site for the public.

Work under this contract includes providing standby generator(s) in a weatherproof sound deadening enclosure with subbase fuel tank, concrete foundation, Automatic Transfer Switch (ATS) and generator alarm panel. Contractor shall install generator with ATS, and all associated equipment needed to tie into each locations' electrical system to standby power.

All generators must be sized based on each facilities electrical load requirements to eliminate "wet stacking". Installing oversized generators that require adding load banks is not allowed.

SCOPE OF WORK

Base Bid:

- Station 3-5 located at 8200 E Turner Rd Palmer, AK.
 - Remove & replace existing generator & ATS, update all associated electrical from new generator to building electrical panel(s) to meet current code, remove/ replace concrete pad to fit new generator.
- Station 12-6 located at 8878 N Mike Ardaw Rd, Willow, AK.
 - Provide new standby generator power & ATS to both the office building and apparatus garage.
- Station 3-3 located at 15855 E Clark Rd Palmer, AK.
 - Provide new standby generator power & ATS

Add/Alt #1:

- Station 12-5 located at 26470 W Shirley Lake Dr Willow, AK.
 - Provide new standby generator power & ATS

Add/Alt #2:

- Station 12-4 located at 15210 N Four Mile Rd Willow, AK.
 - Provide new standby generator power & ATS

All Locations:

1. Generator - Cummins brand outdoor "winterized" standby, diesel including the following:
 - 1) U.S. EPA, stationary emergency application
 - 2) Listing - UL 2200
 - 3) NFPA 110 type 10 level 1 capable
 - 4) Voltage to match install location
 - 5) Alternator
 - 6) Alternator heater
 - 7) Winter enclosure with exhaust system
 - 8) Enclosure wind load 180mph
 - 9) Large battery rack
 - 10) Skid base - housing ready
 - 11) UL 142 subbase dual wall diesel fuel tank with 48hr minimum run time
 - 12) Low fuel level switch
 - 13) Mechanical fuel gauge
 - 14) Fuel tank rupture basin
 - 15) Mounted controls
 - 16) Gauge – oil pressure
 - 17) Meters – AC output analog (kVA)
 - 18) Stop switch – emergency
 - 19) Engine governor – electronic, isochronous
 - 20) Engine starter – 12v dc motor
 - 21) Engine air cleaner- heavy duty
 - 22) Battery charging alternator
 - 23) Battery charger
 - 24) Engine cooling – radiator
 - 25) Warning – low coolant level
 - 26) Engine coolant – 50% antifreeze, 50% water mixture
 - 27) Coolant heater – extreme cold ambient
 - 28) Enclosure – heater, internal
 - 29) DC powered lights inside enclosure
 - 30) Panel, distribution
 - 31) Intake baffle & enclosure kit - Sound level 2
 - 32) Circuit breaker installation – 12vDC shunt trip
 - 33) Spring type "seismic rated" vibration isolators
 - 34) Warranty – 5 year/ 2500 hour including parts + labor + travel
2. Automatic Transfer Switch – Cummins, electronic control including the following:
 - 1) Listing UL 1008
 - 2) IBC Seismic Certification
 - 3) Application – utility to genset
 - 4) Cabinet – type 3R
 - 5) Voltage to match install location
 - 6) Genset starting battery – 12v DC
 - 7) Interface – communications network
 - 8) Transfer Switch warranty – 5 year comprehensive
3. Cummins On-site Start-up, System Testing, and Owner training for both generator & ATS

DELIVERY AND STORAGE

1. Contractor shall provide their own tools & supplies. Tools and materials may be stored on site, during construction, but at the contractors' risk.

SITE CONDITIONS

1. Contractor will be provided keys for access (if applicable)
2. Contractor will be responsible for removing of all construction debris from jobsite. MSB Dumpsters cannot be used.
3. Contractor must provide a portable bathroom during construction.
4. Contractor must provide signs & barricades around the work area and maintain a neat & clean job site eliminating hazards to the public.
5. Contractor is responsible for contacting utility companies for locates and any isolations needed to tie in new equipment.
6. MSB does not anticipate any hazardous construction materials, but it is the contractor's responsibility to identify and mitigate hazards as needed.
7. Contractor shall coordinate all electrical tie-ins to minimize impact on the facilities.

PRE-CONSTRUCTION

1. Contractor shall provide the below documents to MSB Project Manager 5 days prior to a Notice to Proceed (NTP) being issued.
 - 1) SOV (Schedule of Values) – a list of each billable item on the project, along with the associated cost
 - 2) Progress schedule showing timeline and phased completion dates.
 - 3) List showing anticipated dates for procurement of materials and equipment.
 - 4) List showing all subcontractors and material suppliers.
 - 5) SPOC (Single Point of Contact) - name, email, and phone number
 - 6) A quality control plan detailing how construction quality standards will be maintained.
 - 7) A safety plan detailing how risks will be mitigated.

WARRANTY

1. Contractor shall provide a standard one-year warranty for all work performed.

CONTRACT CLOSING

1. Substantial Completion walk-down will be conducted by MSB Project Mgr. and contractor.
 - 1) Any items, listed on original work scope, that are not complete will be noted as punch list items. All punch list items identified must be complete before final payment.
 - 2)
2. Contractor shall provide required close out documentation, drawings & red-lines, to include all Operation & Maintenance manuals along with contractor and manufacturer's warranty certification(s) before final payment.

BILLING

1. The Consultant shall provide a typical report with each monthly billing for months in which services are performed. Billings shall be consistent with the NTP and values shall not exceed NTP amounts.
2. The report shall include:
 - Name and address of the firm requesting payment
 - Statement number
 - Date of invoice
 - Period covered by the invoice
 - Project name and number
 - Purchase order number
 - Contract amount or upper limit
 - Previous accumulative amount
 - Current amount billing
 - Total accumulative amount
 - Percent complete
 - For supplemental agreements, the invoice must show the current supplemental agreement and the revised Contract amount or upper limit.
 - Summary of work effort performed for each task during the period covered by the invoice.
 - Planned work for the next billing period.
 - Final billings must be clearly marked as "FINAL."

3. Any delayed costs from previous billing periods included in the current billing must be explained in the report.

Project Schedule

1. The project schedule is:

| <u>Milestone</u> | <u>Completion Date</u> |
|------------------------|------------------------|
| Substantial Completion | Sept 30, 2025 |
| Final Completion | Dec 30, 2025 |

Budget

1. The MSB estimates these services to be less than \$350,000.



MATANUSKA-SUSITNA BOROUGH PURCHASING DIVISION

BID OPENING PRELIMINARY RESULTS

24-144B Supply Install Generators for EMS

| BIDDER | | Premier Electric LLC | New Horizons Telecom, Inc. | Nodak Electric & Construction Inc. |
|--|------------------------------------|---|---|---|
| Signed Bid Form | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Receipt of Addendum – 1, 2 (Revised Bid Form), 3, 4, 5 | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Completed Certification regarding Debarment | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Completed Certification Regarding Lobbying | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Bid Guarantee | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| BID ITEM | DESCRIPTION | BID AMOUNT | BID AMOUNT | BID AMOUNT |
| 1. | BASE BID ITEM #1, STATION 3-5 | \$99,000 | \$148,818.25 | \$97,600.00 |
| | BASE BID ITEM #2, STATION 12-6 | \$280,000 | \$145,722.43 | \$137,800.00 |
| TOTAL BASE BID | | \$379,000 | \$289,540.68 | \$235,400.00 |
| 2. | ALTERNATE BID ITEM #1, STATION 3-3 | \$140,000 | \$126,218.82 | \$108,800.00 |

RECOMMENDATION: ALL BIDS ARE TAKEN UNDER ADVISEMENT

Wednesday, July 24, 2024
DATE


PURCHASING OFFICER


PURCHASING REPRESENTATIVE

PROJECT MANAGER/WITNESS