

ADDENDUM NO. 1
TO THE BID DOCUMENTS
Ben Walters Sidewalk Improvement
CITY OF HOMER, ALASKA

Addendum Issue Date: April 17, 2024

Bid Submittal Date: April 30, 2024

Previous Addenda Issued: None

Issued By: Daniel Kort
Public Works Director
City of Homer

Notice to Bidders:

Bidders must **acknowledge receipt of this addendum** by including the Addenda Acknowledgement Form with the bid.

Bidders are required to acknowledge each addenda separately on the Addenda Acknowledgement Form. Any bids received without acknowledgment of addenda may be rejected prior to evaluation.

The Bid Documents for the above project are amended as follows (all other terms and conditions remain unchanged):

1. Scope C has been added to the bid, including a single lump sum bid item for “Replace Pressure Reducing Vault”. A separate plan set is attached detailing this work. All Specifications necessary are included in the plan set.
2. The bid date has been revised from April 23, 2024 to April 30, 2024.
 - a. Bid Opening Time has been revised from 3:00 p.m. to 4:00 p.m.

The following documents are attached to this addendum:

- 1. Revised bid form.**
- 2. Revised ITB**
- 3. Revised Project Schedule**
- 4. Revised Instructions to Bidders**
- 5. Revised special provisions.**
- 6. Plan set titled “BEN WALTERS PRV STATION” by RESPEC Engineering**

INVITATION TO BID

By the City of Homer, Alaska For the Ben Walters Way Sidewalk Improvement

Sealed Bids for construction of the Ben Walters Sidewalk Improvement Project will be received by the Office of the City Clerk, 491 E. Pioneer Avenue, Homer, Alaska 99603 until **4:00 PM on Tuesday, April 30 2024**, at which time they will be publicly opened. Bids received after the time fixed for receipt of the Bid shall not be considered. **All bidders must submit a City of Homer Plan Holders Registration form to be on the Plan Holders List to be considered responsive.** Plan holder registration forms and Plan and Specification are available online at <http://www.cityofhomer-ak.gov/rfps>

An electronic copy of the Bid Documents and Plan Holder Registration form are available online at <https://www.cityofhomer-ak.gov/rfps>. Paper copies of the Bid Documents may be purchased at the Office of the City Clerk upon payment of \$100 per set (\$150 for priority mail delivery). All fees are non-refundable.

For Bid Plans and Specifications contact:

City Clerk
491 E. Pioneer Avenue
Homer, Alaska 99603
(907) 235-3130.

The project consists of furnishing all labor, materials, equipment, tools, supervision, and other facilities necessary to perform the project in accordance with the plans and specifications. The work includes, but is not limited to the following:

Furnish materials for and install approximately 3,020 feet of asphalt sidewalk along the East side of Ben Walters Way, from Lake Street to East End Road. This will also involve 4,200 CY of excavation, removal of obstacles, installation of curb and gutter, installation of varying sizes of CMP culvert, reconstruction of driveways, approaches, topsoil installation and seeding and installation of catch basins.

Please direct all questions in writing regarding this project to:

Daniel Kort, Public Works Director
City of Homer Public Works Dept.
3575 Heath Street Homer, Alaska 99603
Email: dkort@ci.homer.ak.us Phone: (907) 435-3141

The City of Homer reserves the right to accept or reject any or all bids, and to waive irregularities or informalities in the bids.

Dated this _____, 2024.

Melissa Jacobsen, Acting City Manager

PUB:

INSTRUCTIONS TO BIDDERS
City of Homer, Alaska
Ben Walters Sidewalk Improvement

The City of Homer, Alaska is requesting bids from qualified firms and individuals for the project described herein.

The following subjects are discussed herein to assist you in the preparation of your bid.

- I. Introduction
- II. Scope of Services
- III. General Bidding Requirements
- IV. The Bid Package
- V. Tentative Project Schedule
- VI. Instructions to Bidders
- VII. Prevailing Wages
- VIII. Equal Opportunity Employment Certification

I. Introduction

The City of Homer requests bids for the Ben Walters Sidewalk Improvement Project. The purpose of this project is to construct a sidewalk on the East side of Ben Walters Way.

All work activity associated with the project shall be completed by September 30, 2024.

II. Scope of Services

The proposed work is located within the limits of the City of Homer and is illustrated on the plans entitled City of Homer Public Works Department Ben Walters Sidewalk Improvements Project No. 160-0798-xxxx.

The project consists of furnishing all labor, materials, equipment, tools, supervision and other facilities necessary for the performance of the work described herein and shown on the project drawings. The work includes, but is not limited to:

- Furnishing and installation of 351 tons of asphalt sidewalk that will be placed along approximately 3,020 feet of Ben Walters Lane from Lake Street to East End Road.
- Furnishing and installation of 3,160 feet of curb and gutter, including 7 curb ramps.
- Removal of 3,566 SY of pavement, 417 LF of culvert pipe, 226 LF of curb and gutter, three fire hydrants, one pressure relief valve vault, and ten bollards.
- Performing 4,200 CY of excavation.
- Backfilling with 6,286 CY of type III classified fill and placing 372 CY of leveling course.
- Furnishing and installation of 8 CMP culvert pipes including 349 LF of 18-inch culvert and 52 LF of 24-inch culvert. This shall include end sections for 18 and 24 inch culverts.
- Installation of new signs and salvaging of existing signs.
- Furnishing and installation of 7 catch basins.
- Reconstruction of 12 driveways and 2 public approaches.
- Furnishing and installation of 21 MSF of topsoil and seed.

- Furnishing and installation of 20 LF of water main, one gate valve, 3 fire hydrants, and adjustment of two valve boxes.
- Work required for SWPPP Implementation.
- Traffic Control.
- Replace Pressure Reducing Vault

The Bid Form is split into “Scope A”, “Scope B” and “Scope C”. This demarcation is made for funding purposes and will have no bearing on contract award. The contract will be awarded to the responsive and responsible bidder whose total bid (Scope A + Scope B + Scope C) is lowest.

III. General Bidding Requirements

The work must be performed by a Contractor skilled and regularly engaged in the type of work called for under the Contract. Bidders must have a current contractor’s license issued by the State of Alaska. The license must apply to the work described in the Invitation. The City’s local bidder preference requirements apply to this contract. State prevailing wage rates will apply.

An electronic copy of Plans and Specifications is available on the City’s website <http://www.cityofhomer-ak.gov/rfps> or you may purchase hard copies at the Office of the City Clerk upon payment of \$100 per set (\$150 for overnight delivery). City of Homer Standard Construction Specifications 2011 Edition (containing general contract provisions) may also be downloaded from the city’s website. All fees are non-refundable. The City of Homer reserves the right to accept or reject any or all bids, to waive irregularities or informalities in the bids, and to award the contract to the lowest responsive, responsible bidder.

Performance and Payment bonds in the amount of 100 percent (100%) of the bid amount are required.

Bids must be submitted on the Bid Form and be received by **4:00 PM on Tuesday, April 30, 2024** at the Office of the City Clerk, City of Homer 491 E. Pioneer Avenue, Homer, Alaska, 99603. **A bid bond is required.** Cashier checks in an amount equal to five percent (5%) of the bid are acceptable. Surety bonds are acceptable.

A Pre-Bid Meeting will be held at 2:00 p.m. on April 15, 2024 at the Cowles Council Chamber, City Hall 491 E Pioneer Ave Homer, Alaska 99603. This meeting will be conducted simultaneously via Zoom. Invitations will be distributed to all bidders listed on the Plan Holder’s List maintained by the City Clerk’s Office.

A Site Visit will be conducted immediately following the meeting.

IV. The Bid Package

The City of Homer requires a two-part Bid Package, Part A and Part B. Each portion of the Bid Package must be submitted in separate envelopes, which shall be combined into one single Bid Package, marked with the name of the project and the time/date of the bid opening.

At the bid opening, Part A is opened first and must be complete or Part B will not be opened and the bid will be rejected.

Part A of the bid contains:

- a. Addenda Acknowledgment Form

- b. If signature on the Bid is by an agent, other than an Officer of a Corporation, or of a member of a Co-partnership, a Power of Attorney must be submitted in Part A.
- c. EEO-1 Certification
- d. Equal Employment Opportunity Clause

Part A must be submitted, as part of the Bid Package, in a separate envelope marked Part A.

Part B of the bid contains:

- a. Bid Form
- b. Bid Bond

Part B must be submitted, as part of the Bid Package, in a separate envelope marked Part B.

V. Tentative Project Schedule

- Pre-bid Conference 2:00 p.m. on April 15, 2024
- **Bids Due 4:00 p.m. on April 30, 2024**
- Notice of Intent to Award May 1, 2024
- Award by City Council May 13, 2024
- Notice to Proceed May 14, 2024
- Pre-Construction Meeting May 31, 2024
- Start Construction June 3, 2024
- Contract Completion September 30, 2024

VI. Instructions to Bidders

The City of Homer intends to award the contract to the lowest responsive, responsible bidder but reserves the right to accept or reject any or all proposals, to waive irregularities or informalities in the bids or bid process, and to award the contract to the bidder that best meets the criteria stated below.

A. Qualification of Bidders

It is the intention of the City of Homer to award this contract to the Bidder who furnishes satisfactory evidence they have the requisite experience, ability and sufficient capital, facilities and plant to prosecute the work successfully (and properly) and to complete it within the time allowed in the Contract at the least cost to the City of Homer for dollars spent for value received. Bidders will be required to fill out a questionnaire attesting to their qualifications.

B. Taxes

Attention is directed to the requirements of the General Conditions regarding the payment of taxes. All taxes that are lawfully assessed against Owner or Contractor in connection with the work shall be paid by the Contractor. The Bid prices shall include all such taxes.

The City of Homer is exempt from local sales taxes. The Contractor shall not include sales tax markup in his bid. However, in order to recoup sales tax, the Contractor might pay at local vendors, the Contractor must secure a Tax Exempt card from the Kenai Peninsula Borough Tax Department.

C. Familiarization with the Work

Before submitting its Bid, each prospective Bidder shall familiarize itself with the work, labor conditions and all laws, regulations and other factors affecting performance of the work. Bidders shall carefully correlate their observations with the requirements of the Contract Documents and otherwise satisfy themselves of the expense and difficulties attending performance of the work. The submission of a Bid shall constitute an acknowledgement that the Bidder has thoroughly examined and is familiar with the Contract Documents and the provisions thereof. The failure or neglect of a Bidder to receive or examine any of the Bid Documents shall in no way relieve the bidder from any obligations with the respect to their Bid or to the Contract. Misinterpretation or a reputed lack of knowledge concerning the Bid will not serve as a basis for a claim for additional compensation.

Each Bidder shall visit the site of the work and completely inform themselves relative to construction hazards and procedures, the availability of lands, the character and quantity of surface and subsurface materials and utilities to be encountered, the arrangement and conditions of existing structures and facilities, the procedure necessary for maintenance of uninterrupted operations of existing facilities, the character of construction equipment and facilities needed for performance of the work, and facilities for transportation, handling and storage of materials and equipment. All such factors shall be properly investigated and considered in the preparation of the Bid.

D. Interpretation of Bid Documents

All questions about the meaning or intent of the Contract Documents shall be submitted to the Office of the Director of Public Works in writing. Replies will be issued by Addenda and delivered to all parties recorded by the City Clerk's Office as having received the Bidding documents. **The City of Homer will not be held responsible for questions received less than (5) calendar days prior to the date of opening of Bids.** Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

The Bidder shall acknowledge receipt of all Addenda on the Addendum Form, which shall be properly signed by the Bidder and placed in Part A.

It shall be the Bidder's responsibility to inquire as to addenda issued. **Failure to include the Addenda Form in Part A of the Bid Package may result in the Bid being rejected as non-responsive.**

E. Bid Bond

Each Bid shall be accompanied by a Bid Bond duly completed on the suggested form provided by a guaranty company authorized to conduct business in the State of Alaska, along with a General Power of Attorney form, if applicable, for payment to the City in the sum of five percent (5%) of the total amount of the Bid. **Failure to include the Bid Bond in Part B of the Bid Package shall result in the Bid being rejected as non-responsive.**

The amount payable to the City under the Bid Bond or the certified or cashier's check, as the case may be, shall be forfeited to the City in case of a failure or neglect of the Bidder to furnish, execute, and deliver to the City required Performance and Payment Bonds, Evidences of Insurance, necessary forms or material required

by the Bid or failure to enter into, execute and deliver to the City the Contract on the form provided therefor, within ten (10) working days after receipt of "Notice of Intent to Award Contract" by the City that the Contract is ready for execution. The "Award of Contract" will be made upon the execution of the Contract by the Bidder and the City.

F. Return of Bid Guarantee

Within thirty (30) days after the Bids are opened, the City will return the Bid Guarantees accompanying the Bids, which are not to be considered in making the award. The bid Guarantees of the three (3) lowest responsive Bids will be held until the Contract has been fully executed after which time the Guarantees will be returned to the respective Bidders whose Bids the Guarantees accompanied.

G. Contract Time

The Contract Time is an essential part of the Contract and it will be necessary for each Bidder to satisfy the City of his ability to complete the work within the time set forth in the Bid form. Provisions for delays, liquidated damages, and extensions of time are set forth in the Standard Construction Specifications. Time is of the essence in this contract.

H. Preparation of Bids

Bids must be submitted on the forms provided by the City and completed in all respects as required by the Bid Documents. Bids shall include all information requested herein, and be manually signed by the Bidder or the Bidder's duly authorized representative, with the Bidder's address and phone number. If the signature is by an agent, other than an Officer of a Corporation, or a member of a Co-partnership, a Power of Attorney must be submitted in Part A of the Bid; otherwise, the Bid will be rejected as non-responsive. **All Bids must be regular in every respect, and no alterations shall be made to the Bid form.**

If erasures or changes appear on the forms, each must be initialed by the person signing the Bid. No oral, telegraphic, electronic or telephone proposals will be considered.

Bid Packages, containing separate envelopes for Part A and Part B of the bid, will be received at the City Clerk's Office located at City Hall 491 East Pioneer Avenue, Homer, Alaska 99603, until the time indicated on the Invitation to Bid. Each Bid shall be submitted enclosed in a sealed, opaque envelope. **The envelope shall have the Bid title and date of Bid opening on the lower left-hand corner of the Bid Package.** The City is not responsible for the premature opening of, or failure to open, a bid not properly addressed and identified.

No consideration will be given by the City to a claim or error unless such claim is made to the City in writing within two (2) hours after the time of Bid opening. Written verification and supporting evidence of the error shall be delivered to the City Clerk within 24 hours of the Bid Opening (not including Saturday, Sunday or legal holidays) to allow consideration of the claim for error. Supporting evidence shall be original documents, including cost breakdown sheets, supplier quotes and other documents used to compute the Bid.

It is the bidder's responsibility to see that Bid Packages are deposited at the time and place set forth for the public opening of Bids. Bids not received by the time will not be considered responsive and shall not be considered.

VII. Labor Rates

State Labor Rates.

This project is covered by the State of Alaska Title 36 Laborer's and Mechanic's Minimum Rate of Pay (AS 36.05.010 & 36.05.050) Pamphlet No. 600, Issue 48, Effective April 1, 2024. It is the responsibility of the bidder to determine the current rates of pay required and to submit the proper certified payrolls to the State Department of Labor.

VIII. Equal Opportunity Employment

Bidders must submit forms related to Equal Employment Opportunity with their bids, including:

- Equal Employment Opportunity Clause (Provided with the bid package)
- EEO-1 Certification

SPECIAL PROVISIONS

Ben Walters Lane Sidewalk Improvements

The construction contract for this project will be administered in accordance with the General Provisions of the City's Standard Construction Specifications (2011).

MODIFICATIONS TO GENERAL PROVISIONS

SP - 1: Section 10.04 - Add New Article 4.6 - Scope of Work

The Work included under this Contract consists of furnishing all labor, materials, equipment, supervision, and other facilities necessary to successfully complete the Work set forth in the drawings, specifications, and the terms of the Contract, including, but not limited to the following work:

- Furnishing and installation of 351 tons of asphalt sidewalk that will be placed along approximately 3,020 feet of Ben Walters Lane from Lake Street to East End Road.
- Furnishing and installation of 3,160 feet of curb and gutter, including 7 curb ramps.
- Removal of 3,566 SY of pavement, 417 LF of culvert pipe, 226 LF of curb and gutter, three fire hydrants, one pressure relief valve vault, and ten bollards.
- Performing 4,200 CY of excavation.
- Backfilling with 6,286 CY of type III classified fill and placing 372 CY of leveling course.
- Furnishing and installation of 8 CMP culvert pipes including 349 LF of 18-inch culvert and 52 LF of 24-inch culvert. This shall include end sections for 18 and 24 inch culverts.
- Installation of new signs and salvaging of existing signs.
- Furnishing and installation of 7 catch basins.
- Reconstruction of 12 driveways and 2 public approaches.
- Furnishing and installation of 21 MSF of topsoil and seed.
- Furnishing and installation of 20 LF of water main, one gate valve, 3 fire hydrants, and adjustment of two valve boxes.
- Work required for SWPPP Implementation.
- Traffic Control.
- Replace Pressure Reducing Vault

The quantities given are the basic bid for Schedules A and B, as shown on sheet C1 of the plans.

Bidders must bid on all scopes of work and the bid will be awarded based on the lowest total bid.

SP - 2 Article 5.12 - Temporary Erosion Control During Construction

Add the following language:

“The City has prepared a Storm Water Pollution Prevention Plan (SWPPP), which will be included in the bid package. The Contractor is required to implement the Best Management

Practices in the SWPPP and otherwise comply with the terms of the SWPPP. Compensation will be paid under Bid Item A-27, SWPPP Implementation.”

SP - 3: Article 5.19 – Easement and Rights-of-way

Add the following language:

“The Contractor will be provided access to a laydown area for material storage, job shack, and other uses. The location of this area will be shown in the site map.”

SP - 4: Article 5.25 - Unusual Work Hours

Add the following sentence:

“The noise level from work completed before 8:00 AM and after 8:00 PM cannot exceed 75 db at a distance of 50 feet.”

SP – 6: Section 10.07 – Modify Article 7.6 – Progress Payments

Remove the following language:

“Until such time as the work is accepted by the City, retainage shall be withheld in accordance with the following schedule:

Contract Completion Percentage	Retainage Percentage
0-75%	10%
76-95%	5%*
Over 95%	5%*

*May be reduced to these percentages depending upon satisfactory performance and adherence to the Contractor’s progress schedule, clean-up, Contract completion cost and other factor, in the judgement of the Engineer.”

And replace with:

“Until such time as the work is accepted by the City, 10% of the final payment application shall be withheld as retainage.”

MODIFICATIONS TO STANDARD SPECIFICATIONS

DIVISION 100 GENERAL DIVISION

SP – 5: Modify Subsection 102.1 General

Add the following paragraph:

“The Contractor shall submit all survey data with each pay application; Field Books with sketches, professionally scaled plan set redlines, electronic survey coordinates. These items shall be submitted in entirety within 10 days of the project completion. In addition, the as-built information shall also be in NAD 83 datum, the City of Homer will provide the coordinate system at the time of contract award.”

DIVISION 200 EARTHWORK

SP – 6: Modify Subsection 207.4 Method of Measurement

Replace the first sentence with the following:

“Trench excavation and compaction will be considered incidental to Divisions 500, 600, and 800 of these specifications.”

SP – 7: Add Section 220 Driveways

220.1 General

Construct residential or commercial driveways at the locations shown on the plans.

220.2 Material

Use materials that conform to the standards of the main roadway.

220.3 Construction

Construct driveways to the dimensions shown on the plans.

220.4 Method of Measurement

Driveways shall be measured as units complete in place.

220.5 Basis of Payment

The accepted quantities of reconstructed driveways and reconstructed approaches shall be paid at the contract unit price, complete and in place.

Payment will be made under:

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
220-1	Reconstruct Approach	EA
<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
220-2	Reconstruct Driveway	EA

SP - 8: Add Section 221 Ditch Lining

221.1 General

Construct ditch lining at the locations on the Plans or as staked.

221.2 Material

Use angular stones that are sound and durable, are no larger than 8 inches in greatest dimension, are not more than 50 percent by weight passing a 3- inch sieve, and not more than 5% passing a 1-inch sieve, as determined by ATM 304.

221.3 Construction

Excavate to the dimensions shown on the Plans. Place and spread ditch lining materials so that the finished face is reasonably uniform and conforms to the lines and slope shown on the Plans or as directed.

221.4 Method of Measurement

Ditch lining shall be measured as TONS in place.

221.5 Basis of Payment

The accepted quantity of ditch lining shall be paid at the contract unit price, complete and in place.

Payment will be made under:

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
221	Ditch Lining	TON

DIVISION 300 PORTLAND CEMENT CONCRETE

SP - 9: Add Section 304 Curb Ramps

304.1 General

This work shall consist of the construction of curb ramps in conformance with the plans.

304.2 Material

The Portland Cement concrete and all other materials used in construction of curb ramps must conform to *Division 300 – Standard Construction Specifications for Portland Cement Concrete – Subsection 301.3 Material*. Concrete mix for curb ramps shall conform to requirements for the Class AA-3.

304.3 Construction

Construct curb ramps according to the details and the locations shown on the Plans. Follow the construction requirements of Subsection 303.3. Give the exposed concrete surface a coarse broom finish. Install detectable warnings.

Measure curb ramp slopes with a 24-inch electronic level. Calibrate and operate the level according to the manufacturer's instructions.

304.4 Method of Measurement

Curb ramps shall be measured as units complete in place.

304.5 Basis of Payment

The accepted quantity of curb ramps shall be paid at the contract unit price, complete and in place.

Payment will be made under:

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
304	Curb Ramp	EA

DIVISION 400 ASPHALT CONCRETE PAVEMENT

SP - 10: Add Section 404 Install Asphalt Sidewalk

404.1 General

This work shall consist of the construction of asphalt sidewalks in conformance with the plans.

404.2 Material

- A. Bed Course Material:** Crushed stone or crushed gravel, consisting of sound, tough, durable pebbles or rock fragments of uniform quality. Free from clay balls, vegetable matter, or other deleterious matters. Meet Table 404.2.1:

Table 404.2.1: Aggregate Properties for Base and Surface Course

PROPERTY	BASE COURSE	SURFACE COURSE	TEST METHOD
L.A. Wear, %	50, max.	45, max.	AASHTO T 96
Degradation Value	45, min.	45, min.	ATM 313
Fracture, %	70, min.	70, min., 1 Face	ATM 305
Liquid Limit	---	35, max.	ATM 204
Plastic Index	6, max.	10, max	ATM 205
Sodium Sulfate Loss	9, max. (5 cycles)	9, max. (5 cycles)	AASHTO T 104

- B. Asphalt Binder:** Meet AASHTO M320 for the specified performance grade. Use PG 52-28 if no grade is specified.
- C. Aggregate, Type II or III:** Process and crush aggregate that is free from clay balls, organic matter, other deleterious material, and not coated with dirt or other finely divided mineral matter. Aggregate used must consist of sound, tough, durable rock of uniform quality.

Remove all natural fines passing a No. 4 sieve before crushing aggregates for Type IV mixes.

Coarse Aggregate. Aggregate retained on the No. 4 Sieve.
Meet Table 404.2.2:

Table 404.2.2: Coarse Aggregate Quality for HMA

Description	Specification	Type II, Class A	Type I, Type II Class B, Type III	Type IV	Type V	Type SP
L.A. Wear, % max.	AASHTO T96	45	45	45	45	45
Degradation Value, min.	ATM 313	30	30	30	30	30
Sodium Sulfate Loss, % max. (5 cycles)	AASHTO T104	9	9	9	9	9
Fracture, % min.	ATM 305	90, 2 face	80, 1 face	90, 2 face	98, 2 face	90, 2 face
Flat-Elongated Pieces, % max. 1:5	ATM 306	8	8	8	8	8
Absorption, % max.	ATM 308	2.0	2.0	2.0	2.0	2.0
Nordic Abrasion, % max.	ATM 312	---	---	---	8.0	8.0

Fine Aggregate. Aggregate passing the No. 4 sieve. Fine aggregate shall meet the quality requirements of AASHTO M29, including S1.1, Sulfate Soundness.

Fine aggregate for Type II, Class A mix shall not contain more than 20 % natural fines (blend sand and mineral filler) added to the crushed aggregate, and shall not exhibit rut depth larger than 6.0 mm as determined by ATM 419.

Fine aggregate for Type IV mixes:

- Do not blend natural sand
- Shall be non-plastic as determined by ATM 205
- Shall have a minimum uncompacted void content (Fine Aggregate Angularity) determined by AASHTO T304, Method A, of 45%

Table 404.2.3: Broad Band Gradations for Not Mix Asphalt Aggregate
Percent Passing by Weight

Sieve	Gradation					
	Type I	Type II	Type III	Type IV	Type V	Type SP
1 inch	100					
¾ inch	80-90	100			100	100
½ inch	60-84	75-90	100	100	65-90	90-100
3/8 inch	48-78	60-84	80-90	80-95	55-80	74-90
No. 4	28-63	33-70	44-81	55-70	40-60	42-54
No. 8	15-55	19-56	26-70	35-50	≤ 45	25-35
No. 16	9-44	10-44	16-59	20-40	≤ 35	---
No. 30	6-34	7-34	9-49	15-30	≤ 25	---
No. 50	5-24	5-24	6-36	10-24	≤ 20	---
No. 100	4-16	4-16	4-22	5-15	≤ 12	---
No. 200	4-7	4-7	4-7	4-7	4-7	2-10

D. Mix design Requirements (ATM 417):

Marshall Stability, lb., min. 1000

Percent Voids, Total Mix 2-5

Compaction, Blows/side 50

404.3 Construction

Place bed course material in layers. Compact it according to Subsection 401.3.

Place asphalt material on the compacted bed course in one or more courses as indicated on the Plans. Compact it uniformly to the required depth. Use a power roller of an acceptable type and weight. In areas inaccessible to the roller, use other approved methods.

404.4 Method of Measurement

Asphalt sidewalk shall be measured as TONS in place.

404.5 Basis of Payment

The accepted quantity of asphalt sidewalk shall be paid at the contract unit price, complete and in place.

Payment will be made under:

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
404	Install Asphalt Sidewalk	TON

DIVISION 700 MISCELANEOUS CONSTRUCTION

SP - 11: Modify Subsection 707.1 General

Add the following paragraph:

“Work under this section shall also include the removal and relocation, as well as removal and disposal of existing signs, in conformance with the plans.”

SP - 12: Modify Subsection 707.2 Construction

Add the following paragraph:

“Bases from salvaged signs shall be removed and the ground restored to match the surrounding area. Restoration is considered incidental to the sign bid item.”

SP - 13: Modify Subsection 707.3 Method of Measurement

Add the following paragraph:

“Removal and relocation of existing signs, posts, bases, and all hardware necessary to install the sign at the designated location shall be measured per each sign, completed and accepted in final position. Any damage to sign and/or sign components resulting from work under this item shall be repaired or replaced at the Contractor’s expense.”

SP - 14: Modify Subsection 707.4 Basis of Payment

Add the following:

Payment will be made under:

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
707	Salvage Sign	EA
707	Remove and Relocate Sign	EA

SP - 15: Add Section 711 SWPPP Implementation

711.1 General

This work shall consist of the construction and maintenance of BMPs in accordance with the SWPPP and the performance of all other work required by the SWPPP.

711.2 Method of Measurement

SWPPP Implementation shall be measured as a lump sum.

711.3 Basis of Payment

The accepted quantity of SWPPP Implementation shall be paid at the contract unit price, complete and in place.

Payment will be made under:

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
711	SWPPP Implementation	LS

SP-16: Add Section 712 Adjust Electrical Pedestal

712.1 General

This work shall consist of furnishing all labor, equipment, and materials necessary to adjust existing electrical pedestal to finish grade as shown on the plans.

712.2 Construction

All electrical pedestal adjustments shall be accomplished as directed by the Engineer. Any damage to the electrical pedestal resulting from the work under this item shall be repaired or replaced at the Contractor's expense.

712.3 Method of Measurement

Electrical pedestal adjustments shall be measured per unit, complete in place.

712.4 Basis of Payment

The accepted quantity of electrical pedestal adjustment shall be paid at the contract unit price, complete and in place.

Payment will be made under:

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>
712	Adjust Electrical Pedestal	EA

DIVISION 800 STORM DRAIN SYSTEMS

SP-17: Modify Subsection 802.2 Material – b. Corrugate Metal Pipes (CMP)

Add the following:

All corrugated metal pipe and connecting bands shall be coated with polymer to meet the requirements of AASHTO M-245 and M-246. The coating shall be 10 mils minimum thickness each side.

Project Schedule

Ben Walters Sidewalk Improvement

Advertise	Homer News	April 4, April 11
	Anchorage Daily News	April 7
Pre-Bid Site Meet via Zoom Cowles Council Chambers followed immediately by Site Visit		2:00 p.m. Monday, April 15, 2024
Bids Due		4:00 p.m. Tuesday, April 30, 2024
Notice of Intent to Award		May 1, 2024
Council Award		May 13, 2024
Notice to Proceed		May 14, 2024
Pre-Construction Meeting		May 31, 2024
Start Construction		June 3, 2024
Construction Complete		September 30, 2024

BID FORM**Ben Walters Way Sidewalk Improvement****Scope A**

ITEM NO.	SPEC NO.	BID ITEM DESCRIPTION	UNIT	QUANTITY*	UNIT BID PRICE	TOTAL BID PRICE
1A	101	Mobilization & Demobilization	LS	1		
2A	102	Construction Surveying	LS	1		
3A	103	Traffic Control	LS	1		
4A	202	Grubbing & Clearing	Acre	2		
5A	203	Removal of Obstructions	LS	1		
6A	204	Excavation	CY	4,200		
7A	205	Type III Classified Fill	CY	6,134		
8A	206	Levelling Course	CY	370		
9A	219	Removal of Existing Pavement	SY	3,550		
10A	220-1	Reconstruct Approach	EA	2		
11A	220-2	Reconstruct Driveway	EA	12		
12A	221	Ditch Lining	TON	21		
13A	302	Curb & Gutter, All Types	LF	3,160		
14A	304	Curb Ramp	EA	7		
15A	401	Asphalt Pavement	TON	255		
16A	402	Painted Traffic Markings	LS	1		
17A	404	Install Asphalt Sidewalk	TON	351		
18A	511	Adjust Manhole Cone	EA	5		

19A	512	Adjust Manhole Ring	EA	2		
20A	607	Adjust Valve Box to Finished Grade	EA	1		
21A	702 (W)	Woven Geotextile Fabric	SY	3,400		
22A	707	Furnish & Install Standard Sign	EA	16		
23A	707	Salvage Sign	EA	6		
24A	707	Remove & Relocate Sign	EA	1		
25A	708	Seeding Type I	MSF	20		
26A	710	4" Topsoil	MSF	20		
27A	711	SWPPP Implementation	LS	1		
28A	712	Adjust Electrical Pedestal	EA	2		
29A	802	Furnish & Install 18" CMP	LF	349		
30A	802	Furnish & Install 24" CMP	LF	52		
31A	802-E	Furnish & Install 18" CMP End Section	EA	7		
32A	802-E	Furnish & Install 24" CMP End Section	EA	2		
33A	806	Construct Catch Basin	EA	7		

Scope B

1B	203	Removal of Obstructions	LS	1		
2B	205	Type III Classified Fill	CY	152		
3B	206	Levelling Course	CY	2		
4B	219	Removal of Existing Pavement	SY	16		
5B	401	Asphalt Pavement	TON	2		
6B	602	Furnish & Install Water Line	LF	20		

7B	603	Furnish & Install Gate Valve, Valve Box & Marker	EA	1		
8B	604	Furnish & Install Single Pumper Fire Hydrant	EA	3		
9B	607	Adjust Valve Box to Finished Grade	EA	1		
10B	708	Seeding Type I	MSF	1		
11B	710	4" Topsoil	MSF	1		

Scope C

1C	NA	Replace Pressure Reducing Vault	LS	1		
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Scope A Total: \$ _____

Scope B Total: \$ _____

Scope C Total: \$ _____

Grand Total All Bid Items: \$ _____

Name of Bidding Company _____

Address of Bidding Company _____

Signature of Company Representative _____ Date _____

Printed Name of Company Representative _____

Phone#/Email _____

ADDENDA ACKNOWLEDGMENT

Project Name: _____

I hereby acknowledge addenda numbers:

_____	_____
_____	_____
_____	_____

Name of Firm: _____

Signature of Bidder: _____

Date: _____

This Acknowledgement must be included in the Bid/Proposal for the project if any Addenda are issued or the Bid/Proposal could be considered non-responsive.