



Cache County School District
 84 East 2400 North
 North Logan, Utah 84341

Request for Proposal

Cedar Ridge Elementary School
 Sunrise Elementary School
 White Pine Elementary School
 North Cache Middle School
 Mountain Crest High School

2024 Asphalt Replacement, Crack Seal, & Seal Coat Projects

RFP Release Date
 March 7, 2024

Project Schedule / Dates

Mandatory Pre-Bid Meeting..... N/A
 Last Day for QuestionsMarch 19, 2024 @ 4:00 PM
 Final Addendum March 20, 2024 @2:00 PM
 Bid DateMarch 21, 2024 @ 2:00 PM
 Project Start DateJune 6, 2024
 Completion DateOn or before August 1, 2024

Note: There will be Liquidated Damages of \$150.00 / per calendar day pending completion of this project after August 1, 2024.



Project Scope

Cedar Ridge Elementary School: HD Asphalt Replacement (4") and Re-Striping
Asphalt Demolition
65 N 200 W
Hyde Park, UT 84318

Sunrise Elementary School: Crack Seal, Seal Coat & Re-Stripe
Asphalt Demo Replacement at Selected Areas
225 S 455 E
Smithfield, UT 84335

White Pine Elementary School: Asphalt Replacement and Re-Striping
Asphalt Replacement
184 W 100 N
Richmond, UT 84333

North Cache Middle School: Asphalt Demo and Replacement and Re-Striping
New Asphalt in Selected Area
157 W 600 S
Richmond, Utah 84333

Mountain Crest High School: Asphalt Demo and HD Replacement (4") at Selected Areas
and Re-Striping
255 S 800 E
Hyrum, Utah 84319

Note: It is the intent of the Construction Manager, DWA Construction, Inc., to award this contract within 7 days from the RFP due date, contingent upon project bid amount staying within the estimated budget.

The intent of this RFP is to solicit proposals from qualified, responsible Asphalt Contractors to Provide asphalt removal, asphalt replacement, crack seal, seal coat, striping, and alternate pricing to remove and replace existing base materials, for the fore-mentioned parking lots, as it applies. The Contractor has the option to provide pricing for as many of the schools as desired. The Cache County School District and DWA Construction, Inc. reserve the right to select whichever contractor's proposal is deemed to be in the best interest of the CCSD or reject any or all proposals. It is the intent of DWA Construction, Inc. to award the projects in whatever way is most beneficial to Cache County School District.

The scope of this contract is as indicated on the included project information and any instructions and/or directions given in this RFP. Questions generated, and instructions or directions during the bidding process will be answered by written addendum. All questions shall be directed, in writing, to Nathan Hansen, (dwanate.h@dwaconstruct.com), representative for DWA Construction, Inc. Last day for addendum items shall be March 19, 2024, by 2:00 PM, MDT, to be issued in the final addendum by March 20, 2024, by 2:00 PM MDT.



Each contractor will be responsible for visiting the site and obtaining accurate dimensions and measurements for proposing on this project. It is the sole responsibility of the Asphalt contractor to field verify the existing conditions and factor these conditions into the cost of work. Any questions or conflicts shall be brought to the attention of the CM/GC for clarification or resolution.

The Asphalt Contractor will be responsible for any prep work necessary for applying the seal coat and any needed striping. It is the responsibility of the Asphalt Contractor to verify access and staging issues at the project site. It is the responsibility of the Asphalt Contractor to provide all necessary barricading and protection for the site. Any damages to landscaped or paved surfaces as the result of this contract are the responsibility of the Asphalt Contractor and are to be repaired at no expense to the Cache County School District or the CM/GC. There will be no change orders allowed for conditions that could have been identified during a site visit.

Asphalt Requirements: Prior to placing asphalt, the base materials in existing areas may need to be added to achieve the proper subgrade elevations. Please include the addition of +/- 1" of base materials in your bids. Alternate lines have been provided to include costs for removing and replacing the existing base materials, as the existing conditions are unknown and may or may not require rework of these areas. Typical details for installing base materials are provided in the documents. Asphalt replacement will be done using a standard APWA hot mix asphalt with a minimum depth of 3". **There are areas noted in the bidding documents that require placement of "Heavy Duty" asphalt pavement (4" thick). Please make sure to include those areas in your bids.**

Seal Coat Requirements: Tuff-coat Sealcoat and Nu Coat have been approved as acceptable seal coats. We will accept seal coats that are equal to their specifications. Apply per manufacturer's specification. Random collection of sampled diluted seal may be taken to insure proper dilution ratio. All parking lots are to receive 2 coats of emulsified asphalt seal coat. **NOTE: Crack sealing will be required at all concrete edges where applicable.**

Crack Seal Requirements: Please see the attached specifications for crack sealing. Alternates and substitutions may be accepted. Please provide specification data for alternates or substitutions. **NOTE: Crack sealing will be required at all concrete edges where applicable. In addition to the crack sealing specifications, areas with cracks wider than 3" will need to have clean edges saw cut, cleaned out, and replaced with the standard APWA asphalt mix. Please note any areas with the potential of this in your bids.**

Pavement Marking: Proceed with pavement marking only on clean, dry surfaces and at a minimum ambient or surface temperature of 40 deg F (4 deg C) for oil-based materials, 50 deg F (10 deg C) for water-based materials and not exceeding 95 deg F (35 def C). Alkyd-resin type, ready mix complying with FS TT-P-115, Type I, or AASHTO M-248, Type N or latex, water-base emulsion, ready mixed, complying with FS TT-P-1952., colors: white, yellow, red, blue and other colors required to replicate existing markings. Note: It is the contractor's responsibility to document existing markings to ensure all markings match the original layout.



Proposals must include all items necessary to provide a complete bid.

Project Information:

All new pavement markings are to be restriped to match the original markings. Again, let us emphasize, each contractor will be responsible to visit the site and obtain accurate dimensions and measurements for proposing on this project.

All questions and inquiries are to be directed to the Construction Manager at the contact information list in this RFP. There is to be no contact with the owner.

Information included in bid packet.

- Request-For-Proposal- scope information
- General Notes
- Proposal Bid Form
- Parking Lot Diagrams.

End of RFP



Bid Form

Cedar Ridge Elementary School – Asphalt Demolition, HD Asphalt Replacement and Re-Striping

Sunrise Elementary School – Asphalt Demolition, Asphalt Replacement, Crack Seal, Seal Coat, and Re-Striping

White Pine Elementary School – Asphalt Replacement, and Re-Striping

North Cache Middle School – Asphalt Demolition, Base Material Installation, Asphalt Replacement, and Re-Striping

Mountain Crest High School – Asphalt Demolition, HD Asphalt Replacement and Re-Striping

Parking Lot & Playground Improvements

Name of Bidder _____ Date _____

To:

DWA Construction, Inc., Construction Manager P.O. Box 3448 - Logan, UT 84323-3448

The undersigned, responsive to the “Request for Proposal” dated March 7, 2024 for the 2024 CCSD Asphalt Replacement, Crack Seal, and Seal Coat projects, and in accordance with the bidding instructions and information contained therein, and having examined the project site and being familiar with all the conditions surrounding the construction of the proposed project, including the availability of labor, hereby propose to furnish all labor, material, equipment, and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the contract documents of which this bid is a part:



I/We acknowledge receipt of the following Addenda: _____

For all work required by the RFP, and contract documents, I/We agree to perform for the sum of:

Cedar Ridge Elementary – Asphalt Demolition, HD (4”) Asphalt Replacement & Re-Striping:

\$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)

Alternate to Remove & Replace Base Materials @ Cedar Ridge: \$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)

Sunrise Elementary School – Asphalt Demolition, Asphalt Replacement, Crack Seal, Seal Coat, & Re-stripe:

\$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)

Alternate to Remove & Replace Base Materials @ Sunrise: \$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)

White Pine Elementary – Asphalt Demolition, Asphalt Replacement, & Re-stripe:

\$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)

Alternate to Remove & Replace Base Materials @ White Pine: \$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)

North Cache Middle School – Base Material Installation Asphalt Replacement, & Re-stripe:

\$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)

Alternate to Remove & Replace Base Materials @ North Cache: \$(_____)

_____ DOLLARS

(In case of discrepancy, written amount shall govern)



Mountain Crest High School – Asphalt Demo, HD (4”) Asphalt Replacement, Standard Duty Asphalt Replacement, & Re-stripe: \$(_____)
 _____ DOLLARS

(In case of discrepancy, written amount shall govern)

Alternate to Remove & Replace Base Materials @ MCHS: \$(_____)
 _____ DOLLARS

(In case of discrepancy, written amount shall govern)

I/We guarantee that the Work for the Cedar Ridge Elementary School, Sunrise Elementary School, White Pine Elementary School, North Cache Middle School, and Mountain Crest High School Asphalt Replacement, Crack Seal, and Seal Coat projects to be substantially complete by August 1, 2024, contingent upon receipt of the “Notice to Proceed” being issue by April 1, 2024, should I/We be the successful bidder.

This bid shall be good 30 days after the bid opening date.
 The undersigned Contractor’s License Number for the State of Utah is _____
 Upon the receipt of notice of acceptance of this bid, the undersigned agrees to execute the contract within seven (7) days.

Respectfully submitted,

 Name of Bidder
 Address: _____

 Authorized Signature



SECTION 32 01 17 PAVEMENT CRACK SEAL

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Filling and sealing cracks in asphalt concrete Pavements.

1.2 REFERENCES

- A. ASTM D 36: Standard Test Method for Softening Point of Bitumen (Ring-and Ball Apparatus)
- B. ASTM D 977: Standard Specification for Emulsified Asphalt.
- C. ASTM D 1190: Standard Specification for Concrete Joint Sealer, Hot-Poured Elastic Type.
- D. ASTM D 2397: Standard Specification for Cationic Emulsified Asphalt.
- E. ASTM D 3381: Standard Specification for Viscosity-Graded Asphalt Cement for Use in Pavement Construction.
- F. ASTM D 3405: Standard Specification for Joint Sealants, Hot-Poured, For Concrete and Asphalt Pavements.
- G. ASTM D 5078: Standard Specification for Crack Filler for Asphalt Concrete and Portland Cement Concrete Pavements.
- H. ASTM D 5329: Standard Test Methods for Sealants and Fillers, Hot-Applied for Joints and Cracks in Asphaltic and Portland Cement Concrete Pavements.

1.3 DEFINITIONS

- A. Crack Filling: The placement of materials into cracks to substantially reduce infiltration of water and to reinforce the adjacent Pavement. The crack receives no special preparation other than cleaning.



B. Crack Sealing: The placement of specialized materials in cracks or above to prevent the intrusion of incompressibles and water into the crack. The crack receives unique crack configuration preparation.

C. Pothole: Loss of surface material in a Pavement to the extent that a patch is necessary to restore Pavement ride quality.

1.4 SUBMITTALS

A. Product Data sheets.

1.5 QUALITY ASSURANCE

A. Do not use crack repair product that has been over-heated, suffered prolonged heating or which ravel or can be pulled out by hand after placement.

B. Do not mix different manufacturer's brands or different types of crack repair material.

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PAVEMENT CRACK SEAL

C. Do not depress crack repair product temperature at the wand tip below the manufacturer's recommended application temperature when loading product into product tank. D. Rework Defective Work.

1.6 NOTICE

A. Send written notice to residents and businesses within affected area at least 3 days before application of new Crack Filling or Crack Sealing material.

B. Indicate application time and when pavement surface can be used.

C. Warn of potential vehicle tow away and other construction issues affecting neighborhood.

D. Should work not occur on the specified day, send a new notice.

1.7 ACCEPTANCE

A. Visually inspect areas for adhesion Failure, damage to crack repair product, missed cracks, foreign objects in the product, or other problems that indicate the Work is not acceptable.

PART 2 PRODUCTS

2.1 FILLER AND SEALER MATERIAL

A. Crack treatment materials as follows.

Table 1 – Thermoplastic Filler and Sealer Materials		
Material Type	ASTM	Application
Hot-applied Thermoplastic Materials		
Asphalt Rubber	D 5078	Sealing (possibly filling)
Rubberized Asphalt	D 1190 D 3405	Sealing
Low Modulus Rubberized Asphalt	(a)	Sealing
Asphalt Cement	D 3381	Filling
Mineral-filled Asphalt Cement	D 3381 (b)	Filling
Fiberized Asphalt Cement	D 3381 (b)	Filling
Chemically Cured Thermosetting Materials		
Silicone	(c)	Sealing
Cold Applied Thermoplastic Materials		
Asphalt Emulsion	D 977 D 2397	Filling
Polymer-modified liquid asphalt	D 977 D 2397	Filling (possibly sealing)

480

PAVEMENT CRACKSEAL

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NOTES

(a) ASTM D 3405 or ASTM D 5078 except as follows.

- Softening point, 85 deg. C. minimum, ASTM D 36.
- Resilience, 30 percent recovery minimum at 25 deg. C plus or minus 1 deg. C, ASTM D 5329.

(b) Additives such as mineral fillers and fibers provide minimal elasticity to asphalt and do not significantly affect temperature susceptibility.

(c) Manufacturer's recommended specification.

B. Selection of Sealer: Hot applied asphalt rubber or hot applied rubberized asphalt, unless specified otherwise.



C. Selection of Filler: Asphalt emulsion, unless specified otherwise.

PART 3 EXECUTION

3.1 CONSTRUCTION EQUIPMENT

- A. Sealant Heating Equipment: Indirect heating using double boiler or circulating hot oil heat transfer for heating the product. Do not use direct heat transfer units (tar pots). Unit must have means of constant agitation.
- B. Hot Compressed Air Lance: Provide clean, oil-free compressed air at a volume of 100 cubic feet per minute at a pressure of 120 pounds per square inch at the lance tip.

3.2 PREPARATION

- A. Allow at least one week for repaired cracks to cure and harden before placing thin overlays.
- B. Repair Potholes full depth.

3.3 CRACK FILLING AND SEALING

- A. Blow cracks clean. Remove foreign matter, loosened particles, and weeds.
- B. Use a hot air lance when surfaces are wet or when air temperature is less than 40 deg. F. Do not burn the surrounding Pavement. Fill cracks immediately after heating with the air lance or reheat.
- C. Fill each crack to within 1/4 inch of the existing surface.
- D. If a thin Pavement (chip seal, slurry seal, micro-surface) is to be applied, remove crack overfill by squeegee.

3.4 PROTECTION

- A. Place sand on surface of crack repair product if traffic or construction activities are likely to cause pull out. Replace pulled out product at no additional cost to the OWNER.
- B. Repair vehicles or other property damaged by crack repair operation.

END OF SECTION