

## BID/PROPOSAL

COMMODITY: SNOW AND ICE REMOVAL SERVICES DATE: 9/26/2022

FORMAL BID NO. \_\_\_\_\_ PUBLIC BID NO. 101220

BIDS ARE TO BE RECEIVED IN URI PURCHASING DEPARTMENT BY: DATE: 10/24/2022 TIME: 2:00 PM  
Eastern Time

BUYER: ANDREA TURANO/rlc SURETY REQUIRED: YES: \_\_\_\_\_ NO: X

PRE-BID/PROPOSAL CONFERENCE: DATE: 10/5/2022 TIME: 10:00 AM

MANDATORY: YES: X NO: \_\_\_\_\_

LOCATION: URI PURCHASING DEPT. CONFERENCE ROOM  
DCDS, 10 TOOTELL RD, KINGSTON, 02881

Questions concerning this solicitation must be received by: DATE: 10/7/2022 TIME: 12:00 PM

Questions are to be submitted in a *Microsoft Word* document to: [URIPurchasing@uri.edu](mailto:URIPurchasing@uri.edu)

Please reference the Bid Number on all correspondence. Questions received, if any, will be posted on the internet as an addendum to the bid. It is the responsibility of all interested parties to download this information.

For Bid Solicitation Information visit: <http://web.uri.edu/purchasing/bid-information/>

### STATEMENT REGARDING COVID-19

**Effective immediately, we are suspending all in-person public bid openings until further notice.**

Public Bid responses will be publicly read via Webex video conferencing. To participate in the bid opening, please visit the following site at the scheduled bid opening date and time:

\* URL: <https://univofri.webex.com/meet/uripurchasing>

**No offer will be considered that is not accompanied by the attached University of Rhode Island Bidder Certification Form/Contract Offer completed and signed by the offeror.**

COMPANY NAME: \_\_\_\_\_

STREET AND NUMBER: \_\_\_\_\_

CITY, STATE & ZIP CODE: \_\_\_\_\_

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Telephone Number/Facsimile Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
E-mail address

**THIS BID WILL NOT BE HONORED UNLESS SIGNED**

## University of Rhode Island Bidder Certification Form

ALL OFFERS ARE SUBJECT TO THE REQUIREMENTS, PROVISIONS AND PROCEDURES CONTAINED IN THIS CERTIFICATION FORM. Offerors are expected to read, sign and comply with all requirements. Failure to do so may be grounds for disqualification of the offer contained herein.

### Rules for Submitting Offers

This Certification Form must be attached in its entirety to the front of the offer and shall be considered an integral part of each offer made by a vendor to enter into a contract with the University of Rhode Island. As such, submittal of the entire Bidder Certification Form, signed by a duly authorized representative of the offeror attesting that he/she (1) has read and agrees to comply with the requirements set forth herein and (2) to the accuracy of the information provided and the offer extended, is a mandatory part of any contract award.

To assure that offers are considered on time, each offer must be submitted with the specific Bid/RFP/LOI number, date and time of opening marked in the upper left hand corner of the envelope. Each bid/offer must be submitted in separate sealed envelopes.

A complete signed (in ink) offer package must be delivered to the University of Rhode Island Purchasing Office by the time and date specified for the opening of responses in a sealed envelope.

Bid responses must be submitted on the URI bid solicitation forms provided, indicating brand and part numbers of items offered, as appropriate. Bidders must submit detailed cuts and specs on items offered as equivalent to brands requested WITH THE OFFER. Bidders must be able to submit samples if requested.

Documents misdirected to other State or University locations or which are not present in the University of Rhode Island Purchasing Office at the time of opening for whatever cause will be deemed to be late and will not be considered. For the purposes of this requirement, the official time and date shall be that of the time clock in the reception area of the University of Rhode Island Purchasing Office. Postmarks shall not be considered proof of timely submission.

RIVIP SOLICITATIONS. To assure maximum access opportunities for users, public bid solicitations shall be posted on the RIVIP for a minimum of seven days and no amendments shall be made within the last five days before the date an offer is due. Except when access to the Web Site has been severely curtailed and it is determined by the Purchasing Agent that special circumstances preclude extending a solicitation due date, requests to mail or fax hard copies of solicitations will not be honored.

PRICING. Offers are irrevocable for sixty (60) days from the opening date (or such other extended period set forth in the solicitation), and may not be withdrawn, except with the express permission of the University Purchasing Agent. All pricing will be considered to be firm and fixed unless otherwise indicated. The University of Rhode Island is exempt from Federal excise taxes and State Sales and Use Taxes. Such taxes shall not be included in the bid price.

PRICES QUOTED ARE FOB DESTINATION.

DELIVERY and PRODUCT QUALITY. All offers must define delivery dates for all items; if no delivery date is specified, it is assumed that immediate delivery from stock will be made. The contractor will be responsible for delivery of materials in first class condition. Rejected materials will be at the vendor's expense.

PREVAILING WAGE, OSHA SAFETY TRAINING and APPRENTICESHIP REQUIREMENTS. Bidders must comply with the provisions of the Rhode Island labor laws, including R.I. Gen. Laws §§ 37-13-1 et seq. and occupational safety laws, including R.I. Gen. Laws §§ 28-20-1 et seq. These laws mandate for public works construction projects the payment of prevailing wage rates, the implementation and maintenance of occupational safety standards, and for projects with a minimum value of \$1 Million, the employment of apprentices. The successful Bidder must submit certifications of compliance with these laws from each of its subcontractors prior to their commencement of any work. Prevailing wage rates, apprenticeship requirements, and other workforce and safety regulations are accessible at [www.dlt.ri.gov](http://www.dlt.ri.gov).

PUBLIC RECORDS. Offerors are advised that all materials submitted to the University for consideration in response to this solicitation will be considered without exception to be Public Records pursuant to Title 38 Chapter 2 of the Rhode Island General Laws, and will be released for inspection immediately upon request once an award has been made. Offerors are encouraged to attend public bid/RFP openings to obtain information; however, bid/RFP response summaries may be reviewed after award(s) have been made by visiting the Rhode Island Vendor Information Program (RIVIP) at [www.purchasing.ri.gov](http://www.purchasing.ri.gov) > Solicitation Opportunities > Other Solicitation Opportunities. Telephone requests for results will not be honored. Written requests for results will only be honored if the information is not available on the RIVIP.

Award will be made to the responsive and responsible offeror quoting the lowest net price in accordance with specifications, for any individual item(s), for major groupings of items, or for all items listed, at the University's sole option.

BID SURETY. Where bid surety is required, bidder must furnish a bid bond or certified check for 5% of the bid total with the bid, or for such other amount as may be specified. Bids submitted without a required bid surety will not be considered.

SPECIFICATIONS. Unless specified “no substitute”, product offerings equivalent in quality and performance will be considered (at the sole option of the University) on the condition that the offer is accompanied by detailed product specifications. Offers which fail to include alternate specifications may be deemed nonresponsive.

VENDOR AUTHORIZATION TO PROCEED. When a purchase order, change order, contract/agreement or contract/agreement amendment is issued by the University of Rhode Island, no claim for payment for services rendered or goods delivered contrary to or in excess of the contract terms and scope shall be considered valid unless the vendor has obtained a written change order or contract amendment issued by the University of Rhode Island Purchasing Office PRIOR to delivery.

Any offer, whether in response to a solicitation for proposals or bids, or made without a solicitation, which is accepted in the form of an order OR pricing agreement made in writing by the University of Rhode Island Purchasing Office, shall be considered a binding contract.

REGULATIONS, GENERAL TERMS AND CONDITIONS GOVERNING STATE AND THE UNIVERSITY OF RHODE ISLAND CONTRACTS. This solicitation and any contract or purchase order arising from it are issued in accordance with the specific requirements described herein, and the State’s Purchasing Laws and Regulations and other applicable State Laws and Regulations, including the Board of Governors for Higher Education Regulations and General Terms and Conditions of Purchase. The Regulations and General Terms and Conditions are incorporated into all University of Rhode Island contracts and can be viewed at: <https://web.uri.edu/purchasing/files/BOGREG.pdf> and [www.ridop.ri.gov](http://www.ridop.ri.gov).

EQUAL EMPLOYMENT OPPORTUNITY. Compliance certificate and agreement procedures will apply to all awards for supplies or services valued at \$10,000 or more. Minority Business Enterprise policies and procedures, including subcontracting opportunities as described in Title 37 Chapter 14.1 of the Rhode Island General Laws also apply.

PERFORMANCE BONDS. Where indicated, successful bidder must furnish a 100% performance bond and labor and payment bond for contracts subject to Title 37 Chapters 12 and 13 of the Rhode Island General Laws. All bonds must be furnished by a surety company authorized to conduct business in the State of Rhode Island. Performance bonds must be submitted within 21 calendar days of the issuance of a tentative notice of award.

DEFAULT and NON-COMPLIANCE Default and/or non-compliance with the requirements and any other aspects of the award may result in withholding of payment(s), contract termination, debarment, suspension, or any other remedy necessary that is in the best interest of the state/University of Rhode Island.

COMPLIANCE Vendor must comply with all applicable federal, state and local laws, regulations and ordinances.

SPRINKLER IMPAIRMENT AND HOT WORK. The Contractor agrees to comply with the practices of the State’s Insurance carrier for sprinkler impairment and hot work. Prior to performing any work, the Contractor shall obtain the necessary information for compliance from the Risk Management Office at the Department of Administration or the Risk Management Office at the University of Rhode Island.

Each bid proposal for a *public works project* must include a “public copy” to be available for public inspection upon the opening of bids. **Bid Proposals that do not include a copy for public inspection will be deemed nonresponsive.**

For further information on how to comply with this statutory requirement, see R.I. Gen. Laws §§ 37-2-18(b) and (j). Also see State of Rhode Island Procurement Regulation 5.11 at <https://www.ridop.ri.gov/rules-regulations/>



SECTION 4 - CERTIFICATIONS

Bidders must respond to every statement. Bid proposals submitted without a complete response may be deemed nonresponsive.

Indicate "Y" (Yes) or "N" (No), and if "No," provide details below.

THE VENDOR CERTIFIES THAT:

\_\_\_1 I/we certify that I/we will immediately disclose, in writing, to the University Purchasing Agent any potential conflict of interest which may occur during the course of the engagement authorized pursuant to this contract.

\_\_\_2 I/we acknowledge that, in accordance with (1) Chapter §37-2-54(c) of the Rhode Island General Laws "no purchase or contract shall be binding on the state or any agency thereof unless approved by the Department [of Administration] or made under general regulations which the Chief Purchasing Officer may prescribe," and (2) RIGL section §37-2-7(16) which identifies the URI Board of Trustees as a public agency and gives binding contractual authority to the University Purchasing Agent, including change orders and other types of contracts and under State Purchasing Regulation 8.2.B any alleged oral agreement or arrangements made by a bidder or contractor with any agency or an employee of the University of Rhode Island may be disregarded and shall not be binding on the University of Rhode Island.

\_\_\_3 I/we certify that I or my/our firm possesses all licenses required by Federal and State laws and regulations as they pertain to the requirements of the solicitation and offer made herein and shall maintain such required license(s) during the entire course of the contract resulting from the offer contained herein and, should my/our license lapse or be suspended, I/we shall immediately inform the University of Rhode Island Purchasing Agent in writing of such circumstance.

\_\_\_4 I/we certify that I/we will maintain required insurance during the entire course of the contract resulting from the offer contained herein and, should my/our insurance lapse or be suspended, I/we shall immediately inform the University of Rhode Island Purchasing Agent in writing of such circumstance.

\_\_\_5 I/we certify that I/we understand that falsification of any information herein or failure to notify the University of Rhode Island Purchasing Agent as certified herein may be grounds for suspension, debarment and/or prosecution for fraud.

\_\_\_6 I/we acknowledge that the provisions and procedures set forth in this form apply to any contract arising from this offer.

\_\_\_7 I/we acknowledge that I/we understand the State's Purchasing Laws (§37-2 of the General Laws of Rhode Island) and Purchasing Regulations and General Terms and Conditions available at the Rhode Island Division of Purchases Website ( <https://www.ridop.ri.gov/rules-regulations/> ) and the Board of Governors Regulations on the URI Purchasing Website ( <https://web.uri.edu/purchasing/files/BOGREG.pdf> ) apply as the governing conditions for any contract or purchase order I/we may receive from the University of Rhode Island, including the offer contained herein.

\_\_\_8 I/we certify that the bidder: (i) is not identified on the General Treasurer's list, created pursuant to R.I. Gen. Laws § 37-2.5-3, as a person or entity engaging in investment activities in Iran described in § 37-2.5-2(b); and (ii) is not engaging in any such investment activities in Iran.

\_\_\_9 If the product is subject to Department of Commerce Export Administration Regulations (EAR) or International Traffic in Arms Regulations (ITAR), please provide the Export Control Classification Number (ECCN) or the US Munitions List (USML) Category: \_\_\_\_\_

\_\_\_10 I/we certify that the above information is correct and complete.

IF YOU ARE UNABLE TO CERTIFY YES TO QUESTIONS #1 – 8 and 10 OF THE FOREGOING, PROVIDE DETAILS/EXPLANATION IN AN ATTACHED STATEMENT. INCOMPLETE CERTIFICATION FORMS SHALL BE GROUNDS FOR DISQUALIFICATION OF OFFER.

Signature below commits vendor to the attached offer and certifies (1) that the offer has taken into account all solicitation amendments where applicable, (2) that the above statements and information are accurate and that vendor understands and has complied with the requirements set forth herein.

Vendor/Company Name; \_\_\_\_\_

Vendor's Signature: \_\_\_\_\_ Bid Number: \_\_\_\_\_ Date: \_\_\_\_\_  
(Person Authorized to enter into contracts; signature must be in ink) (if applicable)

\_\_\_\_\_  
Print Name and Title of Company official signing offer

COMMODITY: SNOW AND ICE REMOVAL SERVICES  
 OPENING DATE & TIME: 10/24/2022 @ 2:00 PM  
 BLANKET REQUIREMENTS: 11/1/22 - 6/30/24

SHIP TO:  
 URI FACILITIES SERVICES  
 60 TOOTELL RD, SHERMAN BLDG.  
 KINGSTON, RI 02881

BIDDER (NAME OF FIRM)  
 \_\_\_\_\_  
 BID NO.: 101220

ITEM NO.	LOCATION NAME	SITE NAME	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
			0-6" PER SNOW EVENT	>6-12" PER SNOW EVENT	>12-18" PER SNOW EVENT	>18" PER SNOW EVENT	ROAD SALT PER APPLICATION	BLEND SALT PER APPLICATION	MAG SALT PER APPLICATION	0-6" X8	>6-12" X4	>12-18" X2	>18" X1	ROAD SALT X20	BLEND SALT X20	MAG SALT X20	EXTENDED PRICES Σ TOTAL

INSTRUCTIONS:

- IF BIDDING ON ANY ITEM, THE ENTIRE BID MUST BE RETURNED. THE PRICE COLUMN ON THE RIGHT WILL BE DETACHED TO CREATE A BID TABULATION SPREAD SHEET FOR THE "OFFICIAL BID ANALYSIS"; THEREFORE:
- A. VENDOR NAME MUST APPEAR IN BOTH COLUMNS ON "EVERY" PAGE UNDER THE WORDS "BIDDER"
- B. PRICE COLUMNS MUST CONTAIN "EXACTLY" THE SAME INFORMATION.
- C. ANY SUPPLEMENTARY INFORMATION MUST BE REPEATED IN "BOTH" COLUMNS.
- D. TO ASSURE THAT OFFERS ARE CONSIDERED ON TIME, EACH OFFER MUST BE SUBMITTED WITH SPECIFIC BID/RFP NUMBER (PROVIDED ABOVE), DATE AND TIME OF OPENING MARKED IN THE UPPER LEFT HAND CORNER OF ENVELOPE. EACH BID/OFFER MUST BE SUBMITTED IN SEPARATE SEALED ENVELOPES:

MAIL TO:  
 UNIVERSITY OF RHODE ISLAND  
 P.O. BOX 1773  
 PURCHASING DEPARTMENT  
 KINGSTON, RI 02881

COURIER:  
 UNIVERSITY OF RHODE ISLAND  
 PURCHASING DEPARTMENT  
 DINING SERVICES DISTRIBUTION CENTER  
 10 TOOTELL ROAD  
 KINGSTON, RI 02881-2010

DOCUMENTS MISDIRECTED TO OTHER STATE LOCATIONS OR WHICH ARE NOT PRESENT IN THE UNIVERSITY OF RHODE ISLAND PURCHASING DEPARTMENT AT THE TIME OF OPENING FOR WHATEVER CAUSE WILL BE DEEMED TO BE LATE AND WILL NOT BE CONSIDERED. FOR THE PURPOSE OF THIS REQUIREMENT, THE OFFICIAL TIME AND DATE SHALL BE THAT OF THE TIME CLOCK IN THE UNIVERSITY OF RHODE ISLAND PURCHASING DEPARTMENT. POSTMARKS SHALL NOT BE CONSIDERED PROOF OF TIMELY SUBMISSION.

FAILURE TO COMPLETE FORM AS INSTRUCTED MAY BE GROUNDS FOR "DISQUALIFICATION".

- GROUP PURCHASING ORGANIZATIONS (GPO):  
 THE UNIVERSITY OF RHODE ISLAND IS A MEMBER OF THE FOLLOWING:
- Educational & Institutional Cooperative Purchasing (E&I)
  - Provisia

DO NOT ATTACH QUOTES. QUOTATIONS SUBMITTED WITH BID RESPONSES WILL NOT BE CONSIDERED. ALL BID RESPONSES ARE IN ACCORDANCE WITH THE ATTACHED BID SPECIFICATIONS AND THE BOARD OF GOVERNORS FOR HIGHER EDUCATION PROCUREMENT REGULATIONS:  
<https://web.uri.edu/purchasing/files/BOGREG.pdf>

**MULTI-YEAR**  
 THIS IS A MULTI-YEAR BID/CONTRACT. CONTINUATION OF THE CONTRACT BEYOND THE INITIAL FISCAL YEAR WILL BE AT THE DISCRETION OF THE UNIVERSITY OF RHODE ISLAND. TERMINATION MAY BE AFFECTED BY THE UNIVERSITY BASED UPON DETERMINING FACTORS SUCH AS UNSATISFACTORY PERFORMANCE OR THE DETERMINATION BY THE UNIVERSITY TO DISCONTINUE THE GOODS/SERVICES, OR TO REVISE THE SCOPE AND NEED FOR THE TYPE OF GOODS/SERVICES AND SUBJECT TO THE AVAILABILITY OF FUNDS.

DELIVERY AS REQUESTED

**MULTI-CONTRACT AWARD**  
 THIS BID CONTAINS GROUPS (A-I) OF BID ITEMS. EACH GROUP SHALL BE AWARDED AS A SEPARATE CONTRACT (EXCEPT GROUP I) BASED ON LOWEST TOTAL SUM OF EXTENDED PRICES WITHIN EACH GROUP. BIDDERS MAY ELECT TO PROVIDE PRICING FOR ONE OR MORE BID GROUPS. COMPLETE PRICING MUST BE PROVIDED FOR EVERY ITEM WITHIN A BID GROUP TO QUALIFY FOR AWARD OF BID GROUP. BIDDERS WILL BE DISQUALIFIED FROM AWARD OF ANY BID GROUP HAVING INCOMPLETE PRICING. GROUP I - ADDITIONAL SERVICES IS MANDATORY TO COMPLETE FOR BIDDERS OF GROUP A. PRICING PROVIDED FOR GROUP I WILL NOT AFFECT AWARD OF GROUPS OTHER THAN A. HOWEVER, ALL BIDDERS ARE ENCOURAGED TO PROVIDE PRICING FOR GROUP I. THE FORMULA: GROUP A SUM OF EXTENDED PRICES + (0.2 x GROUP I SUM OF EXTENDED PRICES) WILL BE USED TO AWARD GROUP A TO THE BIDDER WITH THE LOWEST TOTAL.

PLEASE REVIEW THE PROVIDED COSTS AND PRICES CAREFULLY. THE BIDDING INFORMATION AND REQUIREMENTS FOR EACH BID GROUP AND THE BID ITEMS IT CONTAINS. PLEASE SEE NOTES IN THE SPECIFICATIONS TO UNDERSTAND THE SPECIAL REQUIREMENTS FOR AS NEEDED SERVICE LOCATION ITEMS WHERE APPLICABLE.



COMMODITY: SNOW AND ICE REMOVAL SERVICES  
 OPENING DATE & TIME: 10/24/2022 @ 2:00 PM  
 BLANKET REQUIREMENTS: 11/1/22 - 6/30/24

SHIP TO:  
 URI FACILITIES SERVICES  
 60 TOOTELL RD, SHERMAN BLDG.  
 KINGSTON, RI 02881

BIDDER (NAME OF FIRM)

BID NO: 101220

ITEM NO.	LOCATION NAME	SITE NAME	UNIT PRICES -- SNOW REMOVAL AND SALT APPLICATION										EXTENDED PRICES Σ TOTAL				
			A 0-6" PER SNOW EVENT	B >6-12" PER SNOW EVENT	C >12-18" PER SNOW EVENT	D >18" PER SNOW EVENT	E ROAD SALT PER APPLICATION	F BLEND SALT PER APPLICATION	G MAG SALT PER APPLICATION	H 0-6" X8	I >6-12" X4	J >12-18" X2		K >18" X1	L ROAD SALT X20	M BLEND SALT X20	N MAG SALT X20
<b>GROUP C. KINGSTON CAMPUS FRATERNITY PROPERTIES</b>																	
<b>STANDARD SERVICE LOCATION ITEMS</b>																	
15	Fraternity Complex	Chi Omega Lot															
16	Fraternity Complex	Chi Omega Street 1															
17	Fraternity Complex	Chi Omega Street 2															
18	Fraternity Complex	Chi Phi Lot															
19	Fraternity Complex	Delta Phi Epsilon Street															
20	Fraternity Complex	Delta Zeta Lot															
21	Fraternity Complex	Hillel Lot															
22	Fraternity Complex	International Student/Sweet House Lot															
23	Fraternity Complex	Lambda Chi Alpha Lot															
24	Fraternity Complex	Phi Gamma Delta/Phi Sigma Sigma Lot															
26	Fraternity Complex	Phi Sigma Sigma Street															
27	Fraternity Complex	Sigma Chi Lot 1															
28	Fraternity Complex	Sigma Chi Lot 2															
29	Fraternity Complex	Sigma Chi Street															
30	Fraternity Complex	Sigma Delta Tau Lot															
31	Fraternity Complex	Sigma Pi Lot															
32	Fraternity Complex	Sigma Pi Street															
33	Fraternity Complex	ZBT Lot															
34	Fraternity Complex	ZBT Street															
35	Fraternity Complex	ZTA Lot															
36	Fraternity Complex	ZTA-Hillel Street															
37	Fraternity Complex	All Common Walkways															
38	Fraternity Complex	Flagg Road Asphalt Walkways															
<b>AS NEEDED SERVICE LOCATION ITEMS</b>																	
<b>GROUP D. KINGSTON CAMPUS APARTMENTS</b>																	
<b>STANDARD SERVICE LOCATION ITEMS</b>																	
39	Gateway Apartments	All Community Walkways															
40	Gateway Apartments	Building 2 East Stairway Entrance															
41	Gateway Apartments	Building 2 West Stairway Entrance															
42	Gateway Apartments	Building 2 West Walkway Stairs															
43	Gateway Apartments	Building 4 Northwest Stairs															
44	Gateway Apartments	Building 4 Southeast Stairs															
45	Gateway Apartments	Building 4 Southwest Stairs															
46	Gateway Apartments	Building 6 Northeast Stairs															

GROUP C. SUM OF TOTALS: \$

GROUP D. SUM OF TOTALS: \$



COMMODITY: SNOW AND ICE REMOVAL SERVICES  
 OPENING DATE & TIME: 10/24/2022 @ 2:00 PM  
 BLANKET REQUIREMENTS: 11/1/22 - 6/30/24

BIDDER (NAME OF FIRM)  
 \_\_\_\_\_  
 BID NO. 101220

SHIP TO:  
 URI FACILITIES SERVICES  
 60 TOOTELL RD, SHERMAN BLDG.  
 KINGSTON, RI 02881

ITEM NO.	ATTACHMENT "A" LOCATION NAME	SITE NAME	UNIT PRICES -- SNOW REMOVAL AND SALT APPLICATION										EXTENDED PRICES	Σ TOTAL			
			A	B	C	D	E	F	G	H	I	J			K	L	M
			0-6" PER SNOW EVENT	>6-12" PER SNOW EVENT	>12-18" PER SNOW EVENT	>18" PER SNOW EVENT	ROAD SALT PER APPLICATION	MAG SALT PER APPLICATION	0-6" X8	>6-12" X4	>12-18" X2	>18" X1	ROAD SALT X20	BLEND SALT X20	MAG SALT X20	EXTENDED PRICES	Σ TOTAL
47	Gateway Apartments	Building 6 Northwest Stairs	\$	\$	\$	\$										\$	\$
48	Gateway Apartments	Building 6 Southeast Stairs	\$	\$	\$	\$										\$	\$
49	Gateway Apartments	Building 6 Southwest Stairs	\$	\$	\$	\$										\$	\$
50	Gateway Apartments	Building 8 East Stairs	\$	\$	\$	\$										\$	\$
51	Gateway Apartments	Building 8 West Ramp	\$	\$	\$	\$										\$	\$
52	Gateway Apartments	Building 8 West Stairs	\$	\$	\$	\$										\$	\$
53	Gateway Apartments	Laundry Building Ramp	\$	\$	\$	\$										\$	\$
54	Graduate Village Apartments	All Community Walkways	\$	\$	\$	\$										\$	\$
55	Graduate Village Apartments	Building 1 Northeast Stairs	\$	\$	\$	\$										\$	\$
56	Graduate Village Apartments	Building 1 Northwest Stairs	\$	\$	\$	\$										\$	\$
57	Graduate Village Apartments	Building 1 West Stairs	\$	\$	\$	\$										\$	\$
58	Graduate Village Apartments	Building 2 Walkway Step	\$	\$	\$	\$										\$	\$
59	Graduate Village Apartments	Building 2 East Stairs	\$	\$	\$	\$										\$	\$
60	Graduate Village Apartments	Building 2 Middle Stairs	\$	\$	\$	\$										\$	\$
61	Graduate Village Apartments	Building 3 Middle Stairs	\$	\$	\$	\$										\$	\$
62	Graduate Village Apartments	Building 3 West Stairs	\$	\$	\$	\$										\$	\$
63	Graduate Village Apartments	Building 4 East Stairs	\$	\$	\$	\$										\$	\$
64	Graduate Village Apartments	Building 4 Middle Stairs	\$	\$	\$	\$										\$	\$
65	Graduate Village Apartments	Building 4 South Stairs	\$	\$	\$	\$										\$	\$
66	Graduate Village Apartments	Building 4 West Stairs	\$	\$	\$	\$										\$	\$
67	Graduate Village Apartments	Building 4-5 Walkway Stairs	\$	\$	\$	\$										\$	\$
68	Graduate Village Apartments	Building 5 Walkway Stairs	\$	\$	\$	\$										\$	\$
69	Graduate Village Apartments	Building 6 Main Office Stairs	\$	\$	\$	\$										\$	\$
70	Graduate Village Apartments	Building 6 North Stairs	\$	\$	\$	\$										\$	\$
71	Graduate Village Apartments	Building 6 West Stairs	\$	\$	\$	\$										\$	\$
72	Graduate Village Apartments	Building 7 East Stairs	\$	\$	\$	\$										\$	\$
73	Graduate Village Apartments	Building 7 Middle East Stairs	\$	\$	\$	\$										\$	\$
74	Graduate Village Apartments	Building 7 Middle West Stairs	\$	\$	\$	\$										\$	\$
75	Graduate Village Apartments	Building 7 South Stairs	\$	\$	\$	\$										\$	\$
76	Graduate Village Apartments	Community Center Building Stairs	\$	\$	\$	\$										\$	\$
77	Womens Center	Womens Center Parking Lot	\$	\$	\$	\$										\$	\$
78	Womens Center	Womens Center Walkways	\$	\$	\$	\$										\$	\$
79	Womens Center	Womens Center Stairs	\$	\$	\$	\$										\$	\$
80	Brookside Residence Hall	Building All Walkways	\$	\$	\$	\$										\$	\$
81	Brookside Residence Hall	Building South Stairs	\$	\$	\$	\$										\$	\$
82	Brookside Residence Hall	Building Plaza Entrances	\$	\$	\$	\$										\$	\$
83	Brookside Residence Hall	North Bus Shelter (Flagg Rd)	\$	\$	\$	\$										\$	\$
GROUP D. SUM OF TOTALS: \$																	

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SHIP TO: BIDDER (NAME OF FIRM)

URI FACILITIES SERVICES  
 60 TOOTELL RD, SHERMAN BLDG.  
 KINGSTON, RI 02881

BID NO: 101220

ITEM NO.	LOCATION NAME	SITE NAME	ATTACHMENT "A"										EXTENDED PRICES	Σ TOTAL				
			A	B	C	D	E	F	G	H	I	J			K	L	M	N
			0-6" PER SNOW EVENT	>6-12" PER SNOW EVENT	>12-18" PER SNOW EVENT	>18" PER SNOW EVENT	ROAD SALT PER APPLICATION	BLEND SALT PER APPLICATION	MAG SALT PER APPLICATION	0-6" X8	>6-12" X4	>12-18" X2	>18" X1	ROAD SALT X20	BLEND SALT X20	MAG SALT X20	EXTENDED PRICES	Σ TOTAL
<b>GROUP E. CAMPUS STAIRS, RAMPS, WALKWAYS &amp; PLAZAS</b>																		
<b>STANDARD SERVICE LOCATION ITEMS</b>																		
84	Avedisian Pharmacy Building	Building Northeast Stairs																
85	Beaure Chemistry Building	Building East Plaza Stairs																
86	Beaure Chemistry Building	Building North Stairs																
87	Beaure Chemistry Building	Building Northeast Stairs																
88	Beaure Chemistry Building	Building Southeast Stairs																
89	Beaure Chemistry Building	Building Southwest Stairs																
90	Campus Avenue	Quarry Rd/Campus Ave Intersection Stairs																
91	Chafee Hall	Building East Stairs																
92	Chafee Hall	Building West Stairs																
	Chafee Hall	Building South Stairs & Plaza																
93	Coastal Building	Building East Ramp																
94	Coastal Building	Building West Ramp																
95	College of Engineering Building	Building North Plaza																
96	College of Engineering Building	Building Northeast Stairs																
97	College of Engineering Building	Building Northwest Stairs																
98	College of Engineering Building	Building South Terrace Plaza																
99	College of Engineering Building	Building Southwest Stairs																
100	Elephant Walkway	Walkway Eastern Staircases																
101	Elephant Walkway	Walkway Western Staircases																
102	Fasciell Fitness Center	Building Entrance Plaza																
103	Fasciell Fitness Center	Building Entrance Plaza Stairs																
104	Fasciell Fitness Center	Building North Entrance Ramp																
105	Fasciell Fitness Center	Building North Walkway Corridor																
106	Fasciell Fitness Center	Building Northeast Staircase																
107	Fasciell Fitness Center	Building Northwest Stairs																
108	Fasciell Fitness Center	Building West Walkway & Stairs																
109	Hope Dining Hall	Building North Stairs																
110	Hope Dining Hall	Building Northeast Stairs																
111	Hope Dining Hall	Butterfield Rd Entrance Stairs																
112	Hope Dining Hall	Butterfield Rd Ramp Sections																
113	Parking Services (44 Lower College rd)	Building East Entrance Ramp																

COMMODITY: SNOW AND ICE REMOVAL SERVICES  
 OPENING DATE & TIME: 10/24/2022 @ 2:00 PM  
 BLANKET REQUIREMENTS: 11/1/22 - 6/30/24

BIDDER (NAME OF FIRM)

BID NO. 101220

SHIP TO:  
 URI FACILITIES SERVICES  
 60 TOOTELL RD, SHERMAN BLDG.  
 KINGSTON, RI 02881

ITEM NO.	ATTACHMENT "A" LOCATION NAME	SITE NAME	UNIT PRICES -- SNOW REMOVAL AND SALT APPLICATION										EXTENDED PRICES				
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
			0-6" PER SNOW EVENT	>6-12" PER SNOW EVENT	>12-18" PER SNOW EVENT	>18" PER SNOW EVENT	ROAD SALT PER APPLICATION	BLEND SALT PER APPLICATION	MAG SALT PER APPLICATION	0-6" X8	>6-12" X4	>12-18" X2	>18" X1	ROAD SALT X20	BLEND SALT X20	MAG SALT X20	Σ TOTAL
114	Rodman Hall	Building North Ramp															
115	Rodman Hall	Building Northwest Multiple Staircases															
116	White Hall	Building Southeast Stairs															
117	White Hall	Building Southwest Stairs & Walkway															
<b>GROUP F. HOUSING &amp; RESIDENTIAL STAIRS, RAMPS, WALKWAYS &amp; PLAZAS</b>																	
<b>STANDARD SERVICE LOCATION ITEMS</b>																	
118	Adams Residence Hall	Building North Stairs															
119	Adams Residence Hall	Building South Stairs															
120	Barlow Residence Hall	Building South Stairs															
121	Bressler Residence Hall	Building South Ramp															
122	Browning Residence Hall	Building South Stairs															
123	Butterfield Dining/Residence Hall	Building South Stairs															
124	Butterfield Dining/Residence Hall	Roof Deck Area															
125	Butterfield Dining/Residence Hall	Streetside Ramp North															
126	Butterfield Dining/Residence Hall	Streetside Ramp South															
127	Eddy Hall	Building North Stairs															
128	Garraty Hall	Building North Stairs															
129	Garraty Hall	Building South Stairs															
130	Hillside Residence Hall	Building East Stairs															
131	Hillside Residence Hall	Building West Stairs															
132	Hopkins Residence Hall	Building East Stairs															
133	Hopkins Residence Hall	Building Southeast-A Stairs															
134	Hopkins Residence Hall	Building Southeast-B Stairs															
135	Hutchinson Hall	Building North Stairs															
136	Hutchinson Hall	Building South Stairs															
137	Peck Residence Hall	Parking Lot West Stairs															
138	Tucker Residence Hall	Building North Ramp															
139	Tucker Residence Hall	Building South Stairs															
140	Wiley Residence Hall	Building South Stairs															
<b>GROUP F. SUM OF TOTALS: \$</b>																	

COMMODITY: SNOW AND ICE REMOVAL SERVICES  
 OPENING DATE & TIME: 10/24/2022 @ 2:00 PM  
 BLANKET REQUIREMENTS: 11/1/22 - 6/30/24

SHIP TO:  
 URI FACILITIES SERVICES  
 60 TOOTELL RD, SHERMAN BLDG.  
 KINGSTON, RI 02881

BIDDER (NAME OF FIRM)  
 \_\_\_\_\_  
 BID NO.: 101220

ITEM NO.	LOCATION NAME	SITE NAME	A		B		C		D		E		F		G		H		I		J		K		L		M		N		O	
			0-6" PER SNOW EVENT	>6-12" PER SNOW EVENT	>12-18" PER SNOW EVENT	>18" PER SNOW EVENT	0-6" PER SNOW EVENT	>6-12" PER SNOW EVENT	>12-18" PER SNOW EVENT	>18" PER SNOW EVENT	0-6" PER APPLICATION	>6-12" PER APPLICATION	>12-18" PER APPLICATION	>18" PER APPLICATION	0-6" PER APPLICATION	>6-12" PER APPLICATION	>12-18" PER APPLICATION	>18" PER APPLICATION	0-6" PER APPLICATION	>6-12" PER APPLICATION	>12-18" PER APPLICATION	>18" PER APPLICATION	0-6" PER APPLICATION	>6-12" PER APPLICATION	>12-18" PER APPLICATION	>18" PER APPLICATION	0-6" PER APPLICATION	>6-12" PER APPLICATION	>12-18" PER APPLICATION	>18" PER APPLICATION	0-6" PER APPLICATION	>6-12" PER APPLICATION

**GROUP G. ALTON JONES CAMPUS ROADWAYS**

AS NEEDED SERVICE LOCATION ITEMS	
141	Alton Jones Campus Campus Roadways

**GROUP H. ATHLETIC FACILITIES**

AS NEEDED SERVICE LOCATION ITEMS	
142	Meadow Stadium Synthetic Playing Field
143	Meadow Stadium Stadium Common Areas
144	Meadow Stadium East & West Bleacher/Grandstands
145	Bill Back Baseball Field Synthetic Playing Field

**GROUP I. ADDITIONAL SERVICES**

QUANTITY	UOM	PRICE	EXTENDED PRICE
1	PER HOUR	\$	\$
1	PER HOUR	\$	\$
1	PER HOUR	\$	\$
1	PER HOUR	\$	\$
1	PER HOUR	\$	\$
1	PER HOUR	\$	\$
1	PER HOUR	\$	\$

**UNIVERSITY OF RHODE ISLAND**

QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE
15	EACH	\$	\$
8	EACH	\$	\$
3	EACH	\$	\$
5	EACH	\$	\$
50	EACH	\$	\$
1	PER HOUR	\$	\$
1	PER HOUR	\$	\$

**GROUP G. SUM OF TOTALS: \$**

**GROUP H. SUM OF TOTALS: \$**

**GROUP I. SUM OF TOTALS: \$**

COMMODITY: SNOW AND ICE REMOVAL SERVICES  
 OPENING DATE & TIME: 10/24/2022 @ 2:00 PM  
 BLANKET REQUIREMENTS: 11/1/22 - 6/30/24

BIDDER (NAME OF FIRM)

BID NO. 101220

SHIP TO:  
 URI FACILITIES SERVICES  
 60 TOOTELL RD, SHERMAN BLDG.  
 KINGSTON, RI 02881

ITEM NO.	LOCATION NAME	SITE NAME	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
			0-6" PER SNOW EVENT	>6-12" PER SNOW EVENT	>12-18" PER SNOW EVENT	>18" PER SNOW EVENT	ROAD SALT PER APPLICATION	BLEND SALT PER APPLICATION	MAG SALT PER APPLICATION	0-6" X8	>6-12" X4	>12-18" X2	>18" X1	ROAD SALT X20	BLEND SALT X20	MAG SALT X20	EXTENDED PRICES Σ TOTAL

VENDOR WILL BE REQUIRED TO CALL ED AT 285-2666 WHEN THEY ARRIVE AND WHEN THEY DEPART THE PREMISES. IF PHONE NOT PICKED UP, LEAVE A MESSAGE.  
 PLOWING SERVICES:  
 WASHINGTON STREET SIDEWALK WESTMINSTER STREET SIDEWALK UNION STREET SIDEWALK  
 TWO CORNER ENTRANCES AND STEPS AND 4 ENTRANCES WHICH INCLUDE 1 RECEIVING DOOR  
 AND ENTRANCE AND 3 PASSAGE DOORS  
 ALL REMOVAL AND RELOCATION PERFORMED ON AN AS NEEDED BASIS BY REQUEST.

**BLANKET BID**  
 (A) A SINGLE PRICE SHALL BE QUOTED FOR EACH ITEM AGAINST WHICH A PROPOSAL IS SUBMITTED. THIS PRICE WILL BE THE MAXIMUM IN EFFECT DURING THE AGREEMENT PERIOD. ANY PRICE DECLINE AT THE MANUFACTURER'S LEVEL SHALL BE REFLECTED IN A REDUCTION OF THE AGREEMENT PRICE TO THE UNIVERSITY OF RHODE ISLAND. (B) QUANTITIES, IF ANY, ARE ESTIMATED ONLY. THE AGREEMENT SHALL COVER THE ACTUAL QUANTITIES ORDERED DURING THE PERIOD. DELIVERIES WILL BE BILLED AT THE SINGLE FIRM AWARDED UNIT PRICE QUOTED REGARDLESS OF THE QUANTITIES ORDERED.  
 (C) BID PRICE IS NET F.O.B. DESTINATION AND SHALL INCLUDE INSIDE DELIVERY AT NO EXTRA COST.  
 (D) BIDS FOR SINGLE ITEMS AND/OR A SMALL PERCENTAGE OF TOTAL ITEMS LISTED, MAY, AT THE STATE'S SOLE OPTION BE REJECTED AS BEING NON-RESPONSIVE TO THE INTENT OF THIS REQUEST. ORDERING (A) THE UNIVERSITY OF RHODE ISLAND WILL SUBMIT INDIVIDUAL ORDERS FOR THE VARIOUS ITEMS AND VARIOUS QUANTITIES AS MAY BE REQUIRED DURING THE PERIOD OF THE AGREEMENT. (B) THE UNIVERSITY OF RHODE ISLAND WILL BE REQUIRED TO ORDER FROM THE SUPPLIER OF RHODE ISLAND RESERVES THE RIGHT TO SOLICIT PRICES SEPARATELY FOR ANY EXTRA LARGE REQUIREMENTS FOR DELIVERY TO SPECIFIC DESTINATIONS.

**INSURANCE**  
 IN ACCORDANCE WITH THE BOARD OF GOVERNORS (BOG) FOR HIGHER EDUCATION GENERAL CONDITIONS OF PURCHASE, INSURANCE CERTIFICATES ARE REQUIRED FOR WORKERS COMPENSATION, GENERAL LIABILITY, PROPERTY DAMAGE AND AUTO INSURANCE. UPON NOTICE OF TENTATIVE AWARD, THE SUCCESSFUL BIDDER(S) WILL BE REQUIRED TO SUBMIT THE ABOVE NAMING THE UNIVERSITY OF RHODE ISLAND, THE URI BOARD OF TRUSTEES, AND THE STATE OF RHODE ISLAND AS ADDITIONAL INSURED, BY A FIRM AUTHORIZED TO DO BUSINESS IN THE STATE OF RHODE ISLAND.

**NO READING**  
 DUE TO THE LENGTH OF BID AND TIME RESTRAINTS, THE UNIVERSITY WILL ACKNOWLEDGE RECEIPT AND READ NAMES OF VENDORS SUBMITTING PROPOSALS ONLY. NO EXAMINATION OF DOCUMENTS OR PRESENTATION OF INFORMATION CONTAINED IN THE PROPOSALS WILL BE MADE AVAILABLE AT THE BID OPENING.

# University of Rhode Island

## Contracted Snow Removal

### Specifications

Prepared August 2022

Facilities Operations

Division of Lands and Grounds

Specifications are for University of Rhode Island Kingston Campus and Alton Jones Locations **only**. Providence CEPS is not included in these specifications. Providence CEPS specifications are included in the bid sheets only.

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## **Supplemental Attachments**

The specifications in this document refer to Attachments with figures having illustrations and photos of the snow removal sites. The following list of documents labeled with the prefix "ATTACHMENT X." followed by title contain these figures.

### ATTACHMENT A. Figures of Campus Apartments

**Figures 1-15** ..... Gateway Apartments Areas

**Figures 16-38** ..... Graduate Village Apartments Areas

**Figures 39-40** ..... Women's Center Areas

**Figures 41-43** ..... Brookside Hall Areas

### ATTACHMENT B. Figures of Campus Stairs, Ramps, Walkways & Plazas

**Figures 1-34** ..... Campus Building Areas

### ATTACHMENT C. Figures of Housing & Residential Stairs, Ramps & Plazas

**Figures 1-23** ..... Campus Residential Dormitory Areas

### ATTACHMENT D. Figures of Kingston Campus Parking Areas

**Figure 1** ..... Keaney Parking Lot

**Figure 2** ..... Flagg Road Parking Lot Map | Flagg Road Lot Walkways

**Figure 3** ..... Plains Road North Parking Lot Map | Bus Shelter | Plains North Lot Walkways

**Figure 4** ..... Plains Road North Lot Bus Shelter

**Figure 5** ..... Plains Road South Parking Lot Map | Bus Shelter

### ATTACHMENT E. Figures of Kingston Campus Fraternity Properties

**Figure 1** ..... Fraternity Circle Properties Map | Parking Areas | Walkways

**Figure 2** ..... Lambda Chi Alpha Parking Lot

**Figure 3** ..... International Student House Parking Lot

**Figure 4** ..... Phi Gamma Delta/Phi Sigma Sigma Parking Lot

**Figure 5** ..... Flagg Road Asphalt Walkways Map

### ATTACHMENT F. Figures of Ryan Center Areas

**Figure 1** ..... Ryan Center Map | Parking Areas | Plazas | Walkways

### ATTACHMENT G. Figures of Alton Jones Campus

**Figure 1** ..... Alton Jones Campus Roadways Map

### ATTACHMENT H. Figures of Athletic Field Facilities



**Figure 1** ..... Meade Stadium Map | Synthetic Field | Stadium Areas | Grandstands

**Figure 2** ..... Mead Stadium East Grandstands

**Figure 3** ..... Mead Stadium West Grandstands

**Figure 4** ..... Beck Field Baseball Complex Map

## **Part I: Introduction**

The University of Rhode Island is soliciting bids from Contractors to perform snow removal on various locations and sites across university properties. The work entails plowing and shoveling snow on roadways, parking areas, walkways, plaza areas, ramps, stairways and athletic facilities. Contractors will be required to procure and apply various de-icing agents on these surfaces. The specifications provided herein detail the work requirements and standards.

## **Part II: Definitions**

**The University (URI)** is the agent purchasing snow removal services from the Contractor.

**Contractor** is the agent selling snow removal services to the university including the agent's employees and subcontractors.

**Locations** are specific properties owned by URI named after specific landmarks or buildings located on the property.

**Sites** are specific features at a Location that require snow removal services.

**Bid Group** is a set of locations and sites (line-items) bid for snow removal that will be awarded together as a single contract.

**Storm** means any period of winter precipitation such as snow or freezing rain.

**Snow event** or **Storm event** are interchangeably defined by the period of time required to finish snow removal completely following a continuous or periodic accumulation of snow. For any storm, if snow accumulation ceases for a period and then restarts prior to the Contractor completing snow removal, the total snow accumulation is determined to be within a single snow event.

## **Part III: General Requirements:**

The following are the general requirements of this contract.

### Topic 1. URI Contractor Requirements & Qualifications

Contractors that do not meet the minimum qualification criteria shall be ineligible for award of contract. The following criteria must be satisfied:

- 1-1 Contractor shall have minimum 3 years of experience managing snow removal for multi-residential or commercial property. Upon request, Contractor shall provide URI with documented proof of experience. Contractor may be disqualified if their experience record does not satisfy this requirement.
- 1-2 Contractor shall provide the equipment, labor, and materials necessary to execute all requirements and snow removal tasks assigned to the awarded Contract Group.
- 1-3 Contractor shall direct and manage his/her employees and subcontractors during snow removal operations.
- 1-4 The Contractor and his/her applicable agents and subcontractors must be available to perform emergency snow removal operations for URI each snow event.
- 1-5 The Contractor shall be available 24 hours every day by phone during the winter season. The Contractor shall coordinate with URI prior to the onset of forecasted snow events to plan estimated response time and receive direction for locations to service or not service and be directed to priority locations if necessary.

### Topic 2. Mandatory Pre-Bid Review of Specifications Meeting

Prior to bid submission deadline, URI will conduct a mandatory on-site pre-bid meeting for all Contractors interested submitting bids.

- 2-1 Contractors shall be notified by the URI Purchasing office within the bid posting materials instructions for meeting date, time and location.
- 2-2 A self- guided tour is highly recommended but not mandatory. All contractors interested in submitting bids should view the locations they intend to bid on.
- 2-3 Contractor questions pertaining to the specifications, or any other requirements of the snow removal contracts shall be clarified prior to the bid due date.

Questions must be submitted prior to the deadline supplied in the bid solicitation. Question/Answer responses shall be posted in addendum to the specifications prior to bid opening date.

### Topic 3. Bid Completion & Contract Award

The Contractor must complete the attached bid form and return completed bids and supplement information to the URI Purchasing Department.

- 3-1 The Contractor shall familiarize and understand the attached bid form and complete their responses correctly on the form prior to submission. Failure to follow instructions or omit required information may result in disqualification of their bid.
- 3-2 Contractor shall complete a bidder qualification form and submit with their bid.
- 3-3 Bid submissions must be delivered or mailed, as directed by URI Purchasing Department, on or before the date and time specified at the correct location posted by URI Purchasing. Contractor shall deliver bid prices printed on paper and also digital format (Microsoft excel file). A digital excel (.xlsx) file bid template shall be supplied in the bid materials. Failure to deliver bid response to the proper location prior to the deadline may result in disqualification of bid.
- 3-4 Snow removal locations and corresponding line items on the bid form are categorized into Bid Groups. Each Bid Group shall be awarded separately to the qualified low bidder (lowest sum of line-item extended prices within each Group). Contractors may be awarded multiple Groups based on qualifications and pricing.
- 3-5 It shall be required for Contractors bidding on Group "A" line items to also supply bid prices for Group "I". Failure to complete bid prices for Group "I" shall disqualify contractor from award of Group "A".

### Topic 4. Operational Mobilization and Progress

The contractor must be prepared for each storm event and mobilize their labor, equipment, and materials at URI in a timely manner.

- 4-1 For each storm event, URI Facilities Management retains the sole discretion whether Contractor shall report for snow removal duties.

- 4-2 The contractor shall mobilize required equipment and labor resources on the work sites to begin snow removal operations at the times directed by URI Management.
- 4-2.1 Contractor shall be provided 3 hours maximum to mobilize the required labor staffing and equipment at URI upon notice via phone call or phone text message for snow removal services by URI Management.
- 4-2.1.1 Contractor failure to mobilize required labor and equipment within the 3-hour maximum term shall permit URI the right to reassign the work to alternative Contractors and URI snow removal crews. In such instances, Contractor forfeits the exclusive right to provide services and collect compensation for these services.
- 4-2.1.2 Contractor failure to mobilize required labor and equipment within the 3-hour maximum term on more than 3 instances within a winter season shall permit URI sole discretion to rescind snow removal contract from Contractor.
- 4-3 During a storm event, URI Management has discretion to alter instructions and redirect Contractor for the given storm. Contractor shall be paid for any work that was authorized by URI Management and satisfactorily completed. URI shall not approve payment to contractors for unauthorized work or services.
- 4-4 De-Icing Treatments
  - 4-4.1 URI Management retains the sole discretion whether icemelt treatments shall be applied to surfaces prior to and after storm events. The Contractor shall not apply icemelt treatment unless explicitly notified to do so by URI Management. URI shall not be billed nor responsible to pay costs for unauthorized applications of icemelt materials.
  - 4-4.2 As directed per storm, Contractor shall apply icemelt materials at sufficient rates for effective snow/ice melt. See attachment for URI acceptable guidelines.
- 4-5 Removal Effort and Storm Timing
  - 4-5.1 As directed, the Contractor shall provide continuous snow removal effort from the onset of surface accumulation until snowfall ceases and all snow has been removed from surfaces.
  - 4-5.2 The Contractor shall provide effort to complete snow removal and ice-melt treatment applications, as directed, efficiently and quickly as

possible with the required resources to complete all directed snow removal tasks. Standards of work progress completion times (outlined below) shall be followed by Contractor:

- 4-5.2.1 Contractor shall complete all snow removal tasks, as directed, no later than 4 hours from the time snowfall ceases for snow accumulations totaling 4 inches or less.
- 4-5.2.2 Contractor shall complete all snow removal tasks, as directed, no later than 6 hours from the time snowfall ceases for snow accumulations totaling more than 4 inches and up to 8 inches.
- 4-5.2.3 Contractor shall complete all snow removal tasks, as directed, no later than 8 hours from the time snowfall ceases for snow accumulations totaling more than 8 inches and up to 12 inches.
- 4-5.2.4 Storm events that deliver accumulations over 12 inches of snow shall be considered on per case basis by URI Management, depending on storm timing and actual snowfall, how much time should be reasonable for Contractor to complete tasks. In such cases Contractor shall complete all snow removal tasks, as directed, in no more than 24 hours from the time snowfall ceases.
- 4-5.2.5 In all circumstances windblown snow shall not be considered additional or continuous snowfall, however, Contractor shall be given additional time to return and remove windblown snow.
- 4-5.3 If the Contractor fails to complete directed snow removal tasks outlined by the standards of work progress (Topic 4-5.2 to 4-5.2.4) above on more than 3 instances in the same winter season, URI shall have sole discretion to rescind snow removal contract from Contractor.
- 4-5.4 Materials and Equipment Storage
  - 4-5.4.1 The Contractor shall secure storage for large snow removal equipment and materials, including but not limited to loaders, backhoes, snow plows, road salt, and other de-icing materials, within a 5 mile proximity to Kingston, RI.
  - 4-5.4.2 URI shall offer limited parking lot space for Contractor to keep equipment and materials on-site at URI for the winter season (October-April). All equipment shall be kept in good working order and not leaking fuels or oils on parking areas. Approved storage containers must be used to store salt or ice-melt materials. Under

no circumstances shall salts or ice-melt be stored directly on pavement or ground areas. Contractor assumes all liability of his/her assets and materials stored at URI and releases URI and its Board of Trustees of any liability, loss, or damages arisen from the storage of the Contractor's assets and materials at URI.

- (a) All Contractor assets and materials must be removed from URI property, and the storage site shall be thoroughly cleaned of debris no later than April 30<sup>th</sup> following the winter season.

## Topic 5. Weather Information

Rhode Island weather can vary regionally within the state. Weather forecasts may also vary between different meteorological agencies. URI bases its snow removal operations decisions using customized forecasts from a weather forecasting vendor.

- 5-1 URI will utilize local observations, weather radar, and customized forecasts from its meteorological vendor to base operational decisions and plans for each storm event.
- 5-2 Total snowfall accumulation for each storm event shall be obtained from the NOAA weather station located at the URI Agricultural Experiment Station on the Kingston Campus. Snowfall measurements from this facility exclude accumulation from windblown snow.

## Topic 6. Preparation & Restoration of Contracted Sites

Each contracted snow removal site at URI is unique and poses challenges when removing snow. Many of the locations contain features or structures that must be protected or maneuvered in some manner. The Contractor needs to become familiar and mark such locations to prevent damage and operate in a safe manner.

- 6-1 The Contractor shall install marking stakes where boundaries exist between locations where snow must be removed and surrounding vegetation and turf areas. This shall be a requirement on walkway areas. Marking stakes shall be installed prior to the snow season by November 15<sup>th</sup> each year.
- 6-2 The contractor shall be responsible to perform repairs at their expense to damaged turf and vegetation, light poles, electrical equipment, hydrants, street signs, parking stops and any other miscellaneous structures damaged by their snow removal equipment.



- 6-3 The contractor shall be responsible to remove all snow stakes and complete restoration of damaged items at the end of the winter season and must be completed no later than April 30th.

## Topic 7. Snow Removal Requirements

The following guidelines shall be followed for snow removal.

### 7-1 Equipment Requirements

- 7-1.1 The Contractor shall determine specific equipment needs for snow removal at each contracted location site, including type and power/size of machine(s) and quantities of equipment. Contractor agrees to understand and employ sufficient equipment to complete all work in reasonable time based on the standards of work progress (Topic 4-5.2 to 4-5.2.4).

- 7-1.2 The Contractor's equipment shall be suitable to plow and pile snow thoroughly and adequately at each contracted location.

- 7-1.3 Contractor shall employ equipment sufficiently powered to move and pile snow volumes the required distances for each contracted location and complete such work in reasonable time based on the standards of work progress (Topic 4-5.2 to 4-5.2.4).

- 7-1.4 The Contractor's equipment shall not cause repetitive harm to landscapes or other campus features.

- 7-1.5 The Contractor's equipment shall be operated in a safe and responsible manner by the operator(s).

- 7-2 The Contractor shall not pile or dump snow to obstruct roadways, sidewalks, curb cuts, parking spaces, parking lanes, fire lanes, ADA areas, intersections, stairs, landings, plazas, dumpsters, traffic gates, trash receptacles, doorways and loading docks.

- 7-2.1 The Contractor shall be responsible to thoroughly clean snow off any areas where snow was piled improperly by Contractor's employees or Subcontractors at no additional cost to URI.

### 7-3 Labor Requirements

- 7-3.1 Contractor shall employ capable, licensed equipment operators for all equipment and snow removal machinery.

7-3.2 Contractor shall employ enough staff to complete snow removal work in reasonable time based on the standards of work progress (Topic 4-5.2 to 4-5.2.4). It is recommended Contractor employ a minimum of 10 shoveling laborers.

#### 7-4 Stairs, Walkways, Ramps & Plazas

7-4.1 Where applicable, snow shall not be plowed from sidewalks onto roads. In several locations it is unavoidable that snow will be plowed from roads onto adjacent walkways and sidewalks. The Contractor shall be responsible for thorough snow removal at each contracted site regardless of this inconvenience.

7-4.2 Stairs, walkways, ramps, and plazas shall be plowed or shoveled to their full width unless otherwise directed by URI Management.

7-4.3 Snow shall be removed (shoveled) to a distance no less than 4 feet away from the top and bottom stair at staircase locations. Snow shall be removed (shoveled) on all landings located between staircases.

7-4.4 All snow and ice ultimately shall be removed from walkways, staircases, ramps and plazas before the completion of snow removal work. The surfaces shall be in a condition of bare pavement by completion.

#### 7-5 Parking Lots

7-5.1 Snow may be piled on the edges of parking lots or on the vegetated median areas within the lots.

7-5.2 URI has limited parking available on the Kingston Campus. Snow shall be removed completely from all parking spaces and travel lanes within parking lots unless explicit permission has been authorized by URI Management to pile snow on parking spaces for excess snow storage.

7-6 The Contractor shall return to each location directed by URI Management to correct insufficient snow removal. URI shall not be charged additional costs for Contractor effort to correct deficiencies.

7-6.1 The Contractor shall be responsible to clear windblown and drifting snow. URI shall not be charged additional costs for Contractor effort to cleanup windblown snow accumulations and drifts prior to completion of a snow event.

7-6.2 As directed, the Contractor shall return and apply additional applications of ice-melt materials in the event of surface refreezing. Additional

authorized applications of ice-melt may be billed to URI as extra treatments.

## Topic 8. Additional Equipment and Labor

In the event URI shall require additional snow removal capability on campus sites not defined in this contract, the contractor shall have capability for additional labor and equipment.

8-1 The Contractor shall provide pricing by hourly basis to furnish additional equipment and labor and execute snow removal at the direction of URI Management at campus sites not defined in this contract.

8-1.1 The additional equipment shall be as follows:

8-1.1.1 Front end loader 1-2 CY

8-1.1.2 Front End Loader 2-3 CY

8-1.1.3 Backhoe with front bucket

8-1.1.4 Dump Truck (10 Cubic yard) – F750 size or Larger

8-1.1.5 Skid Steer w/ Load Bucket

8-1.1.6 Plow Truck – F250 size or larger

8-1.1.7 Snow Shoveling Laborer

8-2 Pricing for these additional items shall be submitted under GROUP "I".  
ADDITIONAL SERVICES on the bid form.

## Topic 9. De-Icing Materials

The Contractor will be responsible to furnish and apply the listed types of snow ice de-icers.

9-1 The Contractor shall be responsible to furnish the appropriate de-icing products required for locations at URI. URI shall not furnish or supply at cost de-icing materials to the Contractor.

9-2 De-icer Types

9-2.1 Road Salt (Rock & Solar)

- 9-2.1.1 A salt comprised not less than 95% sodium chloride as determined in accordance with ASTM D632 Type 1, Grade 1 or the latest revision thereof, to be used for snow and ice control.
- 9-2.1.2 Product particle size distribution shall range 2mm – 12mm, such that product may be applied mechanically utilizing a vehicle mounted or towed spreader machine.
- 9-2.1.3 Road salt shall be permitted only for use on non-porous asphalt surfaces as directed by URI. This salt shall not be applied on concrete surfaces.
- 9-2.2 Blended Salt Products
- 9-2.2.1 Blended salts may be composed of rock salt, magnesium chloride, calcium chloride, and Calcium Magnesium Acetates (CMA).
- 9-2.2.2 Product particle size distribution shall range 2mm – 12mm, such that product may be applied mechanically utilizing a vehicle mounted or towed spreader machine.
- 9-2.2.3 Blended salt products shall be permitted for use on locations as directed by URI. Blended salt products shall not be applied on porous asphalt surfaces.
- 9-2.2.4 Should a product be found to be contaminated (after application) with non-specified elements and become cause for environmental concerns that necessitate clean-up of yards, storage facilities, parking areas, and walkways, etc., the contractor shall be responsible for any and all expenses incurred.
- 9-2.2.5 Product shall be dyed a characteristic dark or bright color that will allow ready visual identification of the product, or any material treated with the product. Any dye used shall remain in solution without precipitation or leaching during all normal use and storage conditions. Dye utilized shall be non-toxic, non-staining, and environmentally benign.
- 9-2.2.6 The bidder shall provide vendor certified product data sheet(s) at the time of award. Failure to do so may result in disqualification of bidder.
- 9-2.3 Magnesium Chloride

- 9-2.3.1 A product containing the primary chemical compound magnesium chloride.
- 9-2.3.2 Product shall be formulated as dry pellets or flakes having particle size distribution 2mm – 20mm, such that product may be applied mechanically utilizing a vehicle mounted or towed spreader machine.
- 9-2.3.3 Magnesium Chloride shall be applied to concrete surfaces and porous asphalt surfaces as directed by URI. Pelleted formulations shall be utilized on parking surfaces and large plaza areas. Flake formulations shall be applied on stairs, walkways, and ramps.
- 9-2.3.4 Should a product be found to be contaminated (after application) with non-specified elements and become cause for environmental concerns that necessitate clean-up of yards, storage facilities, parking areas, and walkways, etc., the contractor shall be responsible for any and all expenses incurred.
- 9-2.3.5 The bidder shall provide vendor certified product data sheet(s) at the time of bid opening. Failure to do so may result in disqualification of bidder.

## **Part IV: Contract Groups and Work Locations**

This section identifies specific snow removal locations and sites for URI. Groups of locations requiring snow removal are specified here. Each group of locations shall be awarded separate contracts. Physical information and specific requirements for each location and site will be provided in this section.

### **Topic 10. Standard vs. As Needed Service Locations**

This Topic shall define service types. URI classifies snow removal locations and sites as "Standard" or "As Needed" service types.

10-1 The service type designation for each contracted location and site is denoted on the bid form. The designation is also specified herein with the descriptions of each contract group.

#### **10-2 Standard Service Locations**

10-2.1 Standard Service Locations shall be serviced by the Contractor for every storm event unless directed otherwise by URI Management due to the following circumstances:

10-2.1.1 Snow Removal services at Standard Service Locations may be cancelled permanently or by per-storm basis due to uncontrolled factors including but not limited to changes to URI academic calendar, changes to normal URI business hours, special event scheduling, funding availability and construction work.

#### **10-3 As Needed Service Locations**

10-3.1 The Contractor shall provide pricing and document equipment and labor capability to perform services at these locations as needed by URI Management. There shall be no guarantee to the Contractor snow removal services will be employed at these locations and sites in any storm event. URI at any time may request these locations be serviced by the Contractor. In general, URI Management shall provide advance notice to Contractor to prepare when snow removal services will be required at these locations.

### **Group A. Kingston Campus Parking Areas**

This group contains areas requiring snow plowing of large parking areas. There are some smaller concrete walkway and plaza features also included.

- A-1 Equipment & Labor Requirements
  - A-1.1 Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.
  - A-1.2 Contractor shall employ vehicles and machinery sufficient in size and horsepower to push and pile snow off parking spaces and vehicle travel lanes in parking lots several acres in size. Vehicles and machinery must also have capability for broadcast application of ice melt products.
  - A-1.3 Contractor shall employ small vehicles or machinery no larger than 6 feet in width, sufficient in horsepower and capability to push and pile snow off multiple concrete walkways and plaza locations.
  - A-1.4 Contractor shall employ laborers capable of manually shoveling snow and applying ice melt products on walkways, plazas, curbs and ADA areas not practical for mechanical equipment or machinery.
- A-2 Management Oversight
  - A-2.1 The Manager(s) in charge of URI Facilities Operations shall oversee and direct the contractor in each storm event.
  - A-2.2 The Manager(s) shall communicate to the contractor which locations of the Kingston Campus Parking Areas group shall be serviced and timing of service.
  - A-2.3 The Manager(s) shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.
- A-3 Locations: Reference ATTACHMENT D. for illustrations and photos of the following areas.
  - A-3.1 Keaney Main Parking Lot
    - A-3.1.1 **Physical Description:** Located north of Route 138 and south of Mackal Field House Complex along Keaney Road. Has 790 parking spaces and approximate area of 209,000 square feet.
    - A-3.1.2 **Surface Type:** Asphalt Pavement
    - A-3.1.3 **Ice Melt Type:** Rock Salt

- A-3.1.4                    **Service Type:** Standard
- A-3.2                    Flagg Road Parking Lot
- A-3.2.1                    **Physical Description:** Located north of Flagg Road, just east of the intersection of Flagg and Plains Road. Has 652 parking spaces and approximate area of 196,000 square feet.
- A-3.2.2                    **Surface Type:** Asphalt Pavement
- A-3.2.3                    **Ice Melt Type:** Rock Salt
- A-3.2.4                    **Service Type:** Standard
- A-3.3                    Plains Road North Parking Lot
- A-3.3.1                    **Physical Description:** Located along Plains Road and north of West Alumni Road and west to Tootell Road. Has 1,953 parking spaces and approximate area of 610,000 square feet.
- A-3.3.2                    **Surface Type:** Pervious Asphalt Pavement
- A-3.3.3                    **Ice Melt Type:** Magnesium Chloride
- A-3.3.4                    **Service Type:** Standard
- A-3.4                    Plains Road North Lot Bus Shelter & Walkways
- A-3.4.1                    **Physical Description:** The bus shelter is located in the northwest corner of the Plains Road north lot. The Bus Shelter area is a concrete island elevated at curb height and contains 3 walled and roofed shelters. It is a plaza for people to wait for bus transportation. It is approximately 4,300 square feet in area. The walkways are located on the northeast and southern & eastern edges of the Plains Road North Parking lot. There is approximately 1,780 ft of walkways having an average width 6 feet wide.
- A-3.4.2                    **Surface Type:** Concrete
- A-3.4.3                    **Ice Melt Type:** Magnesium Chloride
- A-3.4.4                    **Service Type:** Standard
- A-3.5                    Plains Road South Parking Lot



- A-3.5.1                    **Physical Description:** A new parking lot, constructed in 2021-2022 is located at the corner of West Alumni Road and Plains Road, and adjacent to the URI Athletic Fields Complex. This parking lot covers approximately 156,000 square feet of area and has 408 parking spaces, travel lanes and a bus shelter waiting area. This lot also contains two solar roof canopy coverings, which combined shelters approximately 95,000 square feet (61%) of the total lot area. The roof canopy has a 16' height clearance.
- A-3.5.2                    **Surface Type:** Pervious Asphalt Pavement
- A-3.5.3                    **Ice Melt Type:** Magnesium Chloride
- A-3.5.4                    **Service Type:** Standard
- A-3.6                      Plains Road South Parking Lot Bus Shelter
- A-3.6.1                    **Physical Description:** The Bus shelter area is in the parking lot adjacent to the central travel lane. It is a concrete plaza area approximately 1,100 square feet in area and is not protected by a roof canopy.
- A-3.6.2                    **Surface Type:** Concrete
- A-3.6.3                    **Ice Melt Type:** Magnesium Chloride
- A-3.6.4                    **Service Type:** Standard
- A-3.7                      Flagg Road Lot Walkways
- A-3.7.1                    **Physical Description:** These walkways border the Flagg Road Parking Lot on the south side adjacent to Flagg Road. There is approximately 1,000 ft of walkways having an average width 6 feet wide.
- A-3.7.2                    **Surface Type:** Concrete
- A-3.7.3                    **Ice Melt Type:** Magnesium Chloride
- A-3.7.4                    **Service Type:** Standard
- A-3.8                      Independence Square Parking Lots & Roadways
- A-3.8.1                    **Physical Description:** The Independence Square Building is located at 25 W Independence Way, off Rt.138. The West Independence way roadway branches on the south side of the building toward a

small drop-off parking area in the front of the building. There is a drop-off lane also on the west side of the building. To the rear of the building is a 150-space parking lot. The roadway and parking lot area is approximately 88,000 square feet.

A-3.8.2            **Surface Type:** Asphalt Pavement

A-3.8.3            **Ice Melt Type:** Rock Salt

A-3.8.4            **Service Type:** Standard

A-3.9              Independence Square North Walkway

A-3.9.1            **Physical Description:** The Independence Square Building is located at 25 W Independence Way, off Rt.138. To the rear of the building is a concrete walkway beginning at the northwest corner of the building and extending along the north side of Independence Square to the southeast edge of the parking lot. The walkway is 6 feet wide and approximately 400 feet in length.

A-3.9.2            **Surface Type:** Concrete

A-3.9.3            **Ice Melt Type:** Magnesium Chloride

A-3.9.4            **Service Type:** Standard

## Group B. Ryan Center Areas

This group contains medium sized parking areas, entrance plazas and walkways surrounding the Ryan Center Arena.

B-1                Equipment & Labor Requirements

B-1.1              Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.

B-1.2              Contractor shall employ vehicles and machinery sufficient in size and horsepower to push and pile snow off parking spaces and vehicle travel lanes in parking lots. Vehicles and machinery must also have capability for broadcast application of icemelt products.

B-1.3              Contractor shall employ small vehicles or machinery no larger than 6 feet in width, sufficient in horsepower and capability to push and pile snow off concrete walkways and plaza locations.

- B-1.4 Contractor shall employ laborers capable of manually shoveling snow and applying ice melt products on walkways, plazas, curbs, and ADA areas not practical for mechanical equipment or machinery.
- B-2 Management Oversight
  - B-2.1 The Ryan Center Facility Manager shall oversee and direct the contractor in each storm event.
  - B-2.2 The Facility Manager shall communicate to the contractor which locations of the Ryan Center shall be serviced and timing of service.
  - B-2.3 The Facility Manager shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.
- B-3 Locations: Reference ATTACHMENT F. for illustrations and photos of the following areas.
  - B-3.1 North RAM Lot
    - B-3.1.1 **Physical Description:** A parking lot abutting the north entrance of the Ryan Center arena. It contains 139 parking spaces and a central walkway artery passing through the center of the lot. The lot is approximately 52,000 square feet in total area.
    - B-3.1.2 **Surface Type:** Asphalt Pavement
    - B-3.1.3 **Ice Melt Type:** Rock Salt
    - B-3.1.4 **Special Instructions:** The concrete walkway located in the center of the parking lot must be cleared of snow in addition to the surrounding parking lot.
    - B-3.1.5 **Service Type:** Standard
  - B-3.2 Loading Dock & Parking Area
    - B-3.2.1 **Physical Description:** The Ryan Center loading dock is located on the west side of the building. It includes 18 vehicle parking spaces and two large loading bays. The entire area is approximately 11,000 square feet in area
    - B-3.2.2 **Surface Type:** Asphalt Pavement

B-3.2.3 **Ice Melt Type:** Rock Salt

B-3.2.4 **Service Type:** Standard

B-3.3 Building North Plaza

B-3.3.1 **Physical Description:** The Ryan Center North Plaza is located between the Ram Lot and the arena building. It is a pedestrian walkway and congregation area. It is approximately 13,600 square feet in area.

B-3.3.2 **Surface Type:** Concrete

B-3.3.3 **Ice Melt Type:** Magnesium Chloride/Combination Salts

B-3.3.4 **Service Type:** As Needed

B-3.4 Building South Plaza

B-3.4.1 **Physical Description:** The South Plaza is a Pedestrian collection and congregation area at the south entrance to the arena. It is approximately 6,700 square feet in area.

B-3.4.2 **Surface Type:** Concrete

B-3.4.3 **Ice Melt Type:** Magnesium Chloride/Combination Salts

B-3.4.4 **Service Type:** As Needed

B-3.5 Building Walkways

B-3.5.1 **Physical Description:** There are pedestrian walkways leading to and surrounding the Ryan Center on the North and West sides of the building. In addition, there is a paved walkway on the east side of the Ryan Center that traverses under the football grandstands connecting the North and South concourses of the building. There is approximately 1,770 feet of walkways on average 6-foot width.

B-3.5.2 **Surface Type:** Concrete/Asphalt

B-3.5.3 **Ice Melt Type:** Magnesium Chloride/Combination Salts

B-3.5.4 **Service Type:** As Needed

Group C. Kingston Campus Fraternity Properties

This group contains locations requiring snow removal on driveways, small parking lots, and street side parking spaces. It also includes common walkways adjacent to streets.

## C-1 Equipment & Labor Requirements

- C-1.1 Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.
- C-1.2 Contractor shall employ vehicles and machinery sufficient in size and horsepower to push and pile snow off parking spaces in smaller narrow parking lots. Vehicles and machinery must also have capability for broadcast application of icemelt products.
- C-1.3 Contractor shall employ small vehicles or machinery no larger than 6 feet in width, sufficient in horsepower and capability to push and pile snow off walkways.
- C-1.4 Contractor shall employ laborers capable of manually shoveling snow and applying ice melt products on walkways, plazas, curbs, and ADA areas not practical for mechanical equipment or machinery.

## C-2 Management Oversight

- C-2.1 The Manager(s) in charge of URI Facilities Operations shall oversee and direct the contractor in each storm event.
- C-2.2 The Manager(s) shall communicate to the contractor which locations of the Kingston Campus Parking Areas group shall be serviced and timing of service.
- C-2.3 The Manager(s) shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.

## C-3 Locations: Reference ATTACHMENT E. for illustrations and photos of the following areas.

- C-3.1 There are multiple Fraternity properties on the URI campus. Specific locations requiring snow removal are listed in Table 1.
  - C-3.1.1 **Physical Description:** The fraternity properties each have parking areas that require snow removal. The parking areas are primarily driveways and small parking lots, and some have streetside parking

spaces. Almost all these locations are paved surfaces. There are some small areas that may include gravel type surfaces.

- C-3.1.2                    **Surface Type:** Asphalt Pavement primarily/some gravel spots
- C-3.1.3                    **Ice Melt Type:** Rock Salt
- C-3.1.4                    **Service Type:** Standard

*Table 1. Listing of Fraternity property snow removal locations.*

<b>Location Names</b>	<b>Address</b>	<b>Size (SqFt)</b>
Chi Omega Lot	10 Fraternity Circle	2,982
Chi Omega Street 1	10 Fraternity Circle	2,343
Chi Omega Street 2	10 Fraternity Circle	1,909
Chi Phi Lot	11 Fraternity Circle	13,312
Delta Phi Epsilon Street	17 Fraternity Circle	2,450
Delta Zeta Lot	18 Fraternity Circle	12,330
Hillel Lot	6 Fraternity Circle	1,758
International Student/Sweet House Lot	37 Lower College Rd	19,572
Lambda Chi Alpha Lot	29 Old North Road	19,220
Phi Gamma Delta/Phi Sigma Sigma Lot	90 West Alumni	15,028
Phi Sigma Sigma Street	Fraternity Circle/2783 Kingstown Rd	3,362
Sigma Chi Lot 1	13 Fraternity Circle	6,326
Sigma Chi Lot 2	13 Fraternity Circle	2,787
Sigma Chi Street	13 Fraternity Circle	2,348
Sigma Delta Tau Lot	14 Fraternity Circle	6,870
Sigma Pi Lot	2 Fraternity Circle	2,233
Sigma Pi Street	2 Fraternity Circle	2,941
ZBT Lot	8 Fraternity Circle	1,159
ZBT Street	8 Fraternity Circle	930
ZTA Lot	4-6 Fraternity Circle	2,513
ZTA-Hillel Street	4-6 Fraternity Circle	6,798

C-3.2                    Walkway Locations

C-3.2.1                    Fraternity Complex – All Common Walkways

C-3.2.1 (1)                    **Physical Description:** There are neighborhood pedestrian walkways that encircles the Fraternity Circle complex, and additional walkway arteries connecting to the Keaney Parking Lot areas. In total, the walkways are approximately 4,000 feet in length. The walkways on average are approximately 6 feet wide.

- C-3.2.1 (2)                    **Surface Type:** Concrete
- C-3.2.1 (3)                    **Ice Melt Type:** Magnesium Chloride/Combination Salts
- C-3.2.1 (4)                    Service Type: Standard
- C-3.2.2                        Flagg Road Asphalt Walkways
- C-3.2.2 (1)                    **Physical Description:** There are asphalt walkways bordering the north and south sides of Flagg Road between Butterfield Road and Old North Road. These walkways are discontinuous in some locations. The total length of walkways is approximately 3,330 feet. The walkways are approximately 4-5 feet in width and adjacent to the roadway curbing.
- C-3.2.2 (2)                    **Surface Type:** Asphalt Pavement
- C-3.2.2 (3)                    **Ice Melt Type:** Magnesium Chloride/Combination Salts
- C-3.2.2 (4)                    **Service Type:** As Needed

Group D.    **Kingston Campus Apartment Buildings**

This group has multiple locations requiring snow removal primarily on stairways and walkways. These locations require a significant amount of manual snow shoveling, plowing or snow blowing on narrow walkways, and a minor component of plowing parking areas.

- D-1            **Equipment & Labor Requirements**
- D-1.1            Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.
- D-1.2            Contractor shall employ vehicles and machinery sufficient in size and horsepower to push and pile snow off parking spaces in smaller narrow parking lots. Vehicles and machinery must also have capability for broadcast application of icemelt products.
- D-1.3            Contractor shall employ small vehicles or machinery no larger than 6 feet in width, sufficient in horsepower and capability to push and pile snow off walkways.

- D-1.4 Contractor shall employ laborers capable of manually shoveling snow and applying ice melt products on walkways, plazas, curbs, and ADA areas not practical for mechanical equipment or machinery.
- D-2 Management Oversight
  - D-2.1 The Manager(s) in charge of URI Facilities Operations shall oversee and direct the contractor in each storm event.
  - D-2.2 The Manager(s) shall communicate to the contractor which locations of the Kingston Campus Apartments group shall be serviced and timing of service.
  - D-2.3 The Manager(s) shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.
- D-3 Locations: Reference ATTACHMENT A. for illustrations and photos of the following areas.
  - D-3.1 The URI Campus has apartment housing complexes. The specific sites requiring snow removal at each of the apartment locations are listed in Table 2. Information specific to each location, such as: number of stairs, stair width, landing area, walkway/ramp lengths and widths are provided in the table.
    - D-3.1.1 Gateway Apartments Walkways & Stairs
      - D-3.1.1 (1)* **Physical Description:** Gateway Apartments are located at the corner of Route 138 and Upper College Road. The complex consists of multiple apartment buildings with interconnected stairways and walkways. There are various features of different sizes at different locations. See Table 2.
      - D-3.1.1 (2)* **Surface Type:** Concrete
      - D-3.1.1 (3)* **Ice Melt Type:** Magnesium Chloride/Combination Salts
      - D-3.1.1 (4)* **Service Type:** Standard
    - D-3.1.2 Graduate Village Apartments Walkways & Stairs
      - D-3.1.2 (1)* **Physical Description:** Graduate Village Apartments are located south of Route 138 adjacent to Peckham Farm. The complex



consists of multiple apartment buildings with interconnected stairways and walkways. There are various features of different sizes at different locations. See Table 2.

*D-3.1.2 (2)* **Surface Type:** Concrete

*D-3.1.2 (3)* **Ice Melt Type:** Magnesium Chloride/Combination Salts

*D-3.1.2 (4)* **Service Type:** Standard

D-3.1.3 Women's Center Areas

*D-3.1.3 (1)* Parking Lot

*D-3.1.3 (1) a.* **Physical Description:** The Women's Center parking lot is located near the corner of Upper College Road and Bayberry Road. It is a small sized lot behind the Women's Center Building, approximately 7,000 square feet in size.

*D-3.1.3 (1) b.* **Surface Type:** Asphalt Pavement

*D-3.1.3 (1) c.* **Ice Melt Type:** Rock Salt

*D-3.1.3 (1) d.* **Service Type:** Standard

*D-3.1.3 (2)* Walkways & Stairs

*D-3.1.3 (2) a.* **Physical Description:** The Women's Center has concrete walkways on the east side (front) of building and a few stairs. Physical data is provided in Table 2.

*D-3.1.3 (2) b.* **Surface Type:** Concrete

*D-3.1.3 (2) c.* **Ice Melt Type:** Magnesium Chloride/Combination Salts

*D-3.1.3 (2) d.* **Service Type:** Standard

D-3.1.4 Brookside Residence Hall Areas

*D-3.1.4 (1)* Building Walkways

*D-3.1.4 (1) a.* **Physical Description:** Brookside Hall is located between Flagg Road and West Alumni Avenue. There are several walkways that surround the building leading to the parking lot and other residence halls. The walkways have an average

width of 6 feet, and there is approximately 1,140 feet of walkways See Table 2.

D-3.1.4 (1) b.

**Surface Type:** Concrete

D-3.1.4 (1) c.

**Ice Melt Type:** Magnesium Chloride/Combination Salts

D-3.1.4 (1) d.

**Service Type:** Standard

D-3.1.4 (2)

Plaza Entrances and South Stairs

D-3.1.4 (2) a.

**Physical Description:** On the southeast side of Brookside Hall there are 2 plaza areas at the building entrances interconnected by walkways. The approximate total square footage of the plazas is 1,800 square feet. There is a concrete stairway of 9 stairs and 10' width on the south side of the building between the walkway along west alumni avenue and the south entrance plaza. See Table 2.

D-3.1.4 (2) b.

**Surface Type:** Concrete

D-3.1.4 (2) c.

**Ice Melt Type:** Magnesium Chloride/Combination Salts

D-3.1.4 (2) d.

**Service Type:** Standard

D-3.1.4 (3)

North Bus Shelter (Flagg Rd)

D-3.1.4 (3) a.

**Physical Description:** On the north side of Brookside Hall abutting Flagg Road there is a bus shelter structure and waiting area. The square footage of the bus shelter area is approximately 200 square feet including the interior of the shelter. See Table 2.

D-3.1.4 (3) b.

**Surface Type:** Concrete

D-3.1.4 (3) c.

**Ice Melt Type:** Magnesium Chloride/Combination Salts

D-3.1.4 (3) d.

**Service Type:** Standard

*Table 2. Campus apartments features and physical data.*

Location Names	Feature Name	Feature Type	SC	SW	LD SqFt	Length	Width	Total SqFt
Gateway Apartments	All Community Walkways	Conc. Walkways				825	5	4,125
Gateway Apartments	Building 2 East Stairway Entrance	Conc. Stairs w/ Landings	2	4	16			24
Gateway Apartments	Building 2 West Stairway Entrance	Conc. Stairs w/ Landings	1	4	16			20
Gateway Apartments	Building 2 West Walkway Stairs	Conc. Stairs	7	5				35
Gateway Apartments	Building 4 Northwest Stairs	Conc. Stairs	2	4				8
Gateway Apartments	Building 4 Southeast Stairs	Conc. Stairs	2	5				10
Gateway Apartments	Building 4 Southwest Stairs	Conc. Stairs	7	5				35
Gateway Apartments	Building 6 Northeast Stairs	Conc. Stairs w/ Landings	1	4	16			20
Gateway Apartments	Building 6 Northwest Stairs	Conc. Stairs w/ Landings	3	4	16			28
Gateway Apartments	Building 6 Southeast Stairs	Conc. Stairs	3	4				12
Gateway Apartments	Building 6 Southwest Stairs	Conc. Stairs	6	4				24
Gateway Apartments	Building 8 East Stairs	Conc. Stairs w/ Landings	1	4	16			20
Gateway Apartments	Building 8 West Ramp	Conc. Ramp				30	5	150
Gateway Apartments	Building 8 West Stairs	Conc. Stairs w/ Landings	6	5	66			96
Gateway Apartments	Laundry Building Ramp	Conc. Ramp				30	4	120
Grad. Village Apartments	All Community Walkways	Conc. Walkways				2,859	6	17,154
Grad. Village Apartments	Building 1 Northeast Stairs	Conc. Stairs	7	5				35
Grad. Village Apartments	Building 1 Northwest Stairs	Conc. Stairs w/ Landings	2	10	50			70
Grad. Village Apartments	Building 1 West Stairs	Conc. Stairs w/ Landings	4	5	25			45
Grad. Village Apartments	Building 2 Walkway Step	Conc. Stairs	1	6				6
Grad. Village Apartments	Building 2 East Stairs	Conc. Stairs w/ Landings	9	5	25			70
Grad. Village Apartments	Building 2 Middle Stairs	Conc. Stairs w/ Landings	2	10	50			70
Grad. Village Apartments	Building 3 Middle Stairs	Conc. Stairs w/ Landings	1	10	50			60
Grad. Village Apartments	Building 3 West Stairs	Conc. Stairs w/ Landings	14	5	25			95
Grad. Village Apartments	Building 4 East Stairs	Conc. Stairs w/ Landings	8	5	25			65
Grad. Village Apartments	Building 4 Middle Stairs	Conc. Stairs w/ Landings	2	10	50			70
Grad. Village Apartments	Building 4 South Stairs	Conc. Stairs w/ Landings	9	5	25			70
Grad. Village Apartments	Building 4 West Stairs	Conc. Stairs w/ Landings	8	5	25			65
Grad. Village Apartments	Building 4-5 Walkway Stairs	Conc. Stairs	5	5				25
Grad. Village Apartments	Building 5 Walkway Stairs	Conc. Stairs	6	5				30

Grad. Village Apartments	Building 6 Main Office Stairs	Conc. Stairs w/ Landings	6	5	25			55
Grad. Village Apartments	Building 6 North Stairs	Conc. Stairs w/ Landings	10	5	25			75
Grad. Village Apartments	Building 6 West Stairs	Conc. Stairs w/ Landings	1	10	50			60
Grad. Village Apartments	Building 7 East Stairs	Conc. Stairs w/ Landings	5	9	45			90
Grad. Village Apartments	Building 7 Middle East Stairs	Conc. Stairs w/ Landings	1	10	50			60
Grad. Village Apartments	Building 7 Middle West Stairs	Conc. Stairs w/ Landings	6	5	25			55
Grad. Village Apartments	Building 7 South Stairs	Conc. Stairs w/ Landings	12	5	25			85
Grad. Village Apartments	Community Center Building Stairs	Conc. Stairs w/ Landings	4	9	135			171
Womens Center	Womens Center Walkways	Conc. Walkways				170	6	1,020
Womens Center	Womens Center Stairs	Conc. Stairs	6	6				36
Womens Center	Womens Center Lot	Asphalt Pavement						6,700
Brookside Residence Hall	Building All Walkways	Conc. Walkways				1,140	6	6,840
Brookside Residence Hall	Building South Stairs	Conc. Stairs	9	10	120			210
Brookside Residence Hall	Building Plaza Entrances	Conc. Plaza						1,800
Brookside Residence Hall	North Bus Shelter (Flagg Rd)	Conc. Plaza						200

***SC=Stair Count; SW=Stair Width; LD SqFt = Landings square feet***

## Group E. Campus Stairs, Ramps, Walkways & Plazas

This group has multiple locations requiring snow removal primarily on stairways, short walkways, ADA Ramps and building entrance plazas. These locations require a significant amount of manual snow shoveling, and possibly snow blowing and light plowing of pedestrian walkway areas.

### E-1 Equipment & Labor Requirements

- E-1.1 Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.
- E-1.2 Contractor shall employ small vehicles or machinery no larger than 6 feet in width, sufficient in horsepower and capability to push and pile snow off walkways.
- E-1.3 Contractor shall employ laborers capable of manually shoveling snow and applying ice melt products on walkways, plazas, curbs, and ADA areas not practical for mechanical equipment or machinery.

- E-2 Management Oversight
  - E-2.1 The Manager(s) in charge of URI Facilities Operations shall oversee and direct the contractor in each storm event.
  - E-2.2 The Manager(s) shall communicate to the contractor which locations of the Kingston Campus Apartments group shall be serviced and timing of service.
  - E-2.3 The Manager(s) shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.
- E-3 Locations: Reference ATTACHMENT B. for illustrations and photos of the following areas.
  - E-3.1 The URI Kingston Campus has multiple stairways and walkways around academic and office buildings. The specific sites requiring snow removal at each building location are listed in Table 3.
  - E-3.2 All Building Locations
    - E-3.2.1 **Physical Description:** All locations listed in Table 3 are exterior pedestrian access points to various campus buildings. The majority are staircases, but there are also some ADA ramps, small plazas, and landings around stairways. Information specific to each location, such as: number of stairs, stair width, landing area, walkway/ramp lengths and widths are provided in the Table.
    - E-3.2.2 **Surface Type:** Concrete
    - E-3.2.3 **Ice Melt Type:** Magnesium Chloride/Combination Salts
    - E-3.2.4 **Service Type:** Standard

***Table 3. Campus Stairs, Ramps, Walkways & Plazas physical data***

Location Names	Feature Name	Feature Type	SC	SW	LD SqFt	Length	Width	Total SqFt
Avedisian Pharmacy Building	Building Northeast Stairs	Concrete Stairs w/ Landings	38	15	180			750
Beaupre Chemistry Building	Building East Plaza Stairs	Concrete Stairs	2	13				26
Beaupre Chemistry Building	Building North Stairs	Concrete Stairs	7	8				56
Beaupre Chemistry Building	Building Northeast Stairs	Concrete Stairs w/ Landings	37	9	315			648
Beaupre Chemistry Building	Building Southeast Stairs	Concrete Stairs w/ Landings	42	10	340			760
Beaupre Chemistry Building	Building Southwest Stairs Quarry Rd/Campus Ave	Concrete Stairs w/ Landings	36	8	240			528
Campus Avenue	Intersection Stairs	Concrete Stairs	6	8				48
Chafee Hall	Building East Stairs	Concrete Stairs	5	13				65
Chafee Hall	Building West Stairs	Concrete Stairs w/ Landings	20	8	80			240
Chafee Hall	Building South Stairs & Plaza	Concrete Stairs w/ Landings	11	29	1,900			2,218
Coastal Building	Building East Ramp	Concrete Ramp				45	4	180
Coastal Building	Building West Ramp	Concrete Ramp				30	5	150
Engineering Building	Building North Plaza	Concrete Plaza						7,600
Engineering Building	Building Northeast Stairs	Concrete Stairs	8	18	162			306
Engineering Building	Building Northwest Stairs	Concrete Stairs	30	8	64			304
Engineering Building	Building South Terrace Plaza	Concrete Stairs, Ramp & Plaza						4,200
Engineering Building	Building Southwest Stairs	Concrete Stairs	18	12	96			312
Elephant Walkway	Walkway Eastern Staircases	Concrete Stairs w/ Landings	13	15	270			465
Elephant Walkway	Walkway Western Staircases	Concrete Stairs w/ Landings	13	15	270			465
Fascitelli Fitness Center	Building Entrance Plaza	Concrete Plaza			1,215			1,215
Fascitelli Fitness Center	Building Entrance Plaza Stairs Building North Entrance	Concrete Stairs w/ Landings	3	90				270
Fascitelli Fitness Center	Ramp Building North Walkway	Concrete Ramp				39	6	234
Fascitelli Fitness Center	Corridor	Concrete Walkways				66	10	660
Fascitelli Fitness Center	Building Northeast Staircase	Concrete Stairs	30	12	576			936
Fascitelli Fitness Center	Building Northwest Stairs Building West Walkway & Stairs	Concrete Stairs w/ Landings Concrete Stairs & Walkways	6	10	50			110
Fascitelli Fitness Center	Building Northwest Stairs	Concrete Stairs w/ Landings	13	5	45	98	5	600
Hope Dining Hall	Building North Stairs	Concrete Stairs w/ Landings	18	13	78			312
Hope Dining Hall	Building Northeast Stairs	Concrete Stairs	6	20				120
Hope Dining Hall	Butterfield Rd Entrance Stairs	Concrete Stairs w/ Landings	9	24	168			384
Hope Dining Hall	Butterfield Rd Ramp Sections	Concrete Ramp				39	6	234
Parking Services (44 Lower College rd)	Building East Entrance Ramp	Concrete Ramp				33	5	165
Rodman Hall	Building North Ramp Building Northwest Multiple	Concrete Ramp				30	5	150
Rodman Hall	Staircases	Concrete Stairs	21	8				168
White Hall	Building Southeast Stairs	Concrete Stairs w/ Landings	20	5	25			125

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*SC=Stair Count; SW=Stair Width; LD SqFt = Landings square feet*

## Group F. Housing and Residential Stairs, Ramps, Walkways & Plazas

This group has multiple locations requiring snow removal primarily on stairways, short walkways, ADA Ramps and building entrance plazas. These locations require a significant amount of manual snow shoveling, and possibly snow blowing and light plowing of pedestrian walkway areas.

### F-1 Equipment & Labor Requirements

F-1.1 Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.

F-1.2 Contractor shall employ small vehicles or machinery no larger than 6 feet in width, sufficient in horsepower and capability to push and pile snow off walkways.

F-1.3 Contractor shall employ laborers capable of manually shoveling snow and applying ice melt products on walkways, plazas, curbs, and ADA areas not practical for mechanical equipment or machinery.

### F-2 Management Oversight

F-2.1 The Manager(s) in charge of URI Facilities Operations shall oversee and direct the contractor in each storm event.

F-2.2 The Manager(s) shall communicate to the contractor which locations of the Kingston Campus Apartments group shall be serviced and timing of service.

F-2.3 The Manager(s) shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.

F-3 Locations: Reference ATTACHMENT C. for illustrations and photos of the following areas.



F-3.1 The URI Kingston Campus has multiple stairways and walkways around the student housing (dormitory) residential areas. The specific sites requiring snow removal at each residential building location are listed in Table 4.

F-3.1.1 **Physical Description:** All locations listed in Table 4 are exterior pedestrian access points to various student dormitory buildings. The majority are staircases, but there are also some ADA ramps, small plazas, and landings around stairways. Information specific to each location, such as: number of stairs, stair width, landing area, walkway/ramp lengths and widths are provided in Table 4.

F-3.1.2 **Surface Type:** Concrete

F-3.1.3 **Ice Melt Type:** Magnesium Chloride/Combination Salts

F-3.1.4 **Service Type:** Standard

**Table 4. Housing & Residential Stairs, Ramps, Walkways & Plazas physical data**

Location Names	Feature Name	Feature Type	SC	SW	LD SqFt	Length	Width	Total SqFt
Adams Residence Hall	Building North Stairs	Concrete Stairs w/ Landings	12	5	10			70
Adams Residence Hall	Building South Stairs	Concrete Stairs	11	5				55
Barlow Residence Hall	Building South Stairs	Concrete Stairs	7	6				42
Bressler Residence Hall	Building South Ramp	Concrete Ramp				40	5	200
Browning Residence Hall	Building South Stairs	Concrete Stairs w/ Landings	8	4	12			44
Butterfield Dining/Residence Hall	Building South Stairs	Concrete Stairs w/ Landings	20	8	352			512
Butterfield Dining/Residence Hall	Roof Deck Area	Concrete Stairs			2,128	35	9	2,443
Butterfield Dining/Residence Hall	Streetside Ramp North	Concrete Ramp				36	5	180
Butterfield Dining/Residence Hall	Streetside Ramp South	Concrete Ramp				30	7	210
Eddy Hall	Building North Stairs	Concrete Stairs w/ Landings	16	8	48			176
Garrahy Hall	Building North Stairs	Concrete Stairs	9	8				72
Garrahy Hall	Building South Stairs	Concrete Stairs w/ Landings	24	8	192			384
Hillside Residence Hall	Building East Stairs	Concrete Stairs w/ Landings	24	8	192			384
Hillside Residence Hall	Building West Stairs	Concrete Stairs w/ Landings	23	6	144			282
Hopkins Residence Hall	Building East Stairs	Concrete Stairs w/ Landings	20	8	96			256
Hopkins Residence Hall	Building Southeast-A Stairs	Concrete Stairs w/ Landings	17	9	117			270
Hopkins Residence Hall	Building Southeast-B Stairs	Concrete Stairs w/ Landings	17	9	117			270
Hutchinson Hall	Building North Stairs	Concrete Stairs w/ Landings	25	8	64			264
Hutchinson Hall	Building South Stairs	Concrete Stairs w/ Landings	11	7	28			105
Peck Residence Hall	Parking Lot West Stairs	Concrete Stairs	4	8				32
Tucker Residence Hall	Building North Ramp	Concrete Ramp				70	4	280
Wiley Residence Hall	Building South Stairs	Concrete Stairs	18	6	36			144
Tucker Residence Hall	Building South Stairs	Concrete Stairs w/ Landings	30	14	112			532

*SC=Stair Count; SW=Stair Width; LD SqFt = Landings square feet*

## Group G. Alton Jones Campus Roadways

This group contains locations requiring snow removal on roadways and some small parking areas at the URI Alton Jones Campus in West Greenwich, RI.

### G-1 Equipment & Labor Requirements

- G-1.1 Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.
- G-1.2 Contractor shall employ vehicles and machinery sufficient in size and horsepower to push and pile snow off roadways and small parking areas. Vehicles and machinery must also have capability for broadcast application of icemelt products.
- G-2 Management Oversight
  - G-2.1 The Manager(s) in charge of URI Facilities Operations shall oversee and direct the contractor in each storm event.
  - G-2.2 The Manager(s) shall communicate to the contractor which locations of the Alton Jones Campus Roadways group shall be serviced and timing of service.
  - G-2.3 The Manager(s) shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.
  - G-2.4 Alton Jones Campus Operations
    - G-2.4.1 The URI Alton Jones Campus has been closed for business indefinitely. The campus is monitored daily by a URI employee that also has responsibility for winter snow removal. This contract shall serve to provide snow removal services in supplement to the duties of the active employee(s) and only when services are directed by the Manager(s) of Facilities Operations.
    - G-2.4.2 Service Locations: Roadways, Reference ATTACHMENT G. for illustrations and photos of the following areas.
      - G-2.4.2 (1) The following roadways and parking areas shall require plowing and ice-melt treatment as directed:
        - G-2.4.2 (1) a. Francis Horn Drive
        - G-2.4.2 (1) b. Wheatley Road
        - G-2.4.2 (1) c. Campus Maintenance Operations Parking Area
        - G-2.4.2 (1) d. Loutitt Lane

G-2.4.2 (1) e. Parker Lane

G-2.4.2 (1) f. Shoop Road

G-2.4.2 (2) **Physical Descriptions:** The Alton Jones Campus is located in West Greenwich, RI. The entrance to the campus begins at Francis Horn Drive, which is accessed from Victory Highway (Route 102) → Browns Corner Road. The Campus Maintenance Operations Parking area (gravel lot) is located on Francis Horn Drive. Francis Horn Drive intersects with Wheatley Road, which continues east to the Environmental Education Center, or to the West toward the Whispering Pines Conference Center. To the west, Wheatley Road splits to Loutitt Lane and encircles the conference center. The road travels further south and intersects with Parker Lane and Shoop Road which circle back to Loutitt Lane and Wheatley road. In total, there is approximately 3.5 miles of roads to be plowed. The roads have an average width of 15 feet. The Maintenance Operations parking area is approximately 12,500 square feet.

G-2.4.2 (3) **Surface Type:** Asphalt and Gravel Roadways/Parking Areas

G-2.4.2 (4) **Ice Melt Type:** Rock Salt

G-2.4.2 (5) **Service Type:** As Needed

## Group H. Athletic Facilities

This group contains locations requiring snow removal on gravel parking areas, synthetic turf athletic fields and stadium bleachers.

### H-1 Contractor Qualifications

H-1.1 Contractor or subcontractor shall have prior experience performing snow removal on synthetic turf athletic field facilities and provide documented references from prior work with bid submission. Failure to show relevant experience or provide references to prior work will disqualify Contractor for award of Group H snow removal contract.

### H-2 Equipment & Labor Requirements

H-2.1 Contractor shall deploy a regiment of equipment and labor capable of completing the snow removal requirements per Topic 4-5.

- H-2.2 Contractor shall employ vehicles and machinery sufficient in size and horsepower to push and pile snow off stadium common pedestrian areas that are a combination of gravel and asphalt surfaces.
- H-2.3 Contractor shall employ turf tractors or similar type of compact loader equipment to plow snow to the perimeter of the synthetic turf field and remove piles off the field to designated snow pile areas within the stadium. Equipment vehicles shall have smooth turf tires to distribute weight and minimize pressure and indentations on synthetic field. Farm tires or other aggressive deep tread tires shall not be permitted on the synthetic field surface.
- H-2.4 Equipment vehicles utilized on the synthetic turf surface shall not utilize turn-in-place (zero turn) steering capability such as common skid steer equipment and articulating tractors.
- H-2.5 Equipment vehicles utilized on the synthetic turf surface shall only use acceptable plowing implements which have blunt and rubber edges that contact the synthetic field surface. The Pro-Tech brand Turf Pusher is one such implement that is acceptable for plowing snow on the synthetic field surface.
- H-2.6 For removing piles of snow off the synthetic surface, the contractor shall utilize acceptable equipment vehicles having loader buckets with rubber edge or blunt edge.
- H-2.7 All equipment used by contractor for plowing or removing snow on the synthetic field surface shall be subject to approval by the Manager(s) of Facilities Operations. URI may revoke contract from Contractor if unapproved equipment is used on the synthetic field.
- H-2.8 Contractor shall employ laborers capable of manually shoveling snow and applying ice melt products on walkways, plazas, curbs, and ADA areas not practical for mechanical equipment or machinery.
- H-3 Management Oversight
- H-3.1 The Manager(s) in charge of URI Facilities Operations shall oversee and direct the contractor in each storm event.
- H-3.2 The Manager(s) shall communicate to the contractor which locations of the Athletics Facilities group to service and timing of service.

H-3.3 The Manager(s) shall have sole discretion whether the contractor performed satisfactory snow removal per the specifications herein on the locations directed and may direct contractor to rectify areas that have not been cleaned or treated thoroughly.

H-4 Field Damage Insurance

H-4.1 Contractor shall furnish proof of Commercial General Liability coverage of \$1m per occurrence / \$2m aggregate, auto liability coverage of \$1M and workers compensation coverage of \$100K.

Liability coverage must include coverage for any losses relating to the tearing or ripping of the turf carpet and indenting or malforming the turf surface from the weight and pressure of snow removal equipment and snow piles on the field. Insurance shall also cover for damages to surrounding field structures such as: fencing, goal posts, light poles or building structures caused by accidental collision, driving into, and plowing snow into structures.

H-5 Reference ATTACHMENT H. for illustrations and photos of the following areas.

H-5.1 Meade Stadium

H-5.1.1 Meade Stadium Synthetic Playing Field

*H-5.1.1 (1)* **Physical Descriptions:** The synthetic playing field in Meade Stadium is the University's football game field. It was constructed in 2019 with a new FieldTurf brand synthetic athletic surface. The synthetic surface area covers approximately 100,000 square feet. The field includes two football type goalposts at the north and south ends of the field. It is surrounded by 5-foot-tall chain link fencing on the east and south perimeter. There are large bleacher grandstands on the east and west sides of the field, and there is 8-foot-tall chain link fencing on the north perimeter of the field. There are 5 gated access points for equipment access located along the east and south perimeter fencing ranging in size from 12–20-foot width openings.

*H-5.1.1 (2)* **Surface Type:** Synthetic Turf (FieldTurf) with rubber pellet infill material.

*H-5.1.1 (3)* **Ice Melt Type:** No ice melt salts allowed.

- H-5.1.1 (4)*                    **Special Snow Removal Requirements:** The synthetic field is enclosed on all sides by fencing and grandstand structures. The synthetic turf carpet was installed with seams running east to west. Snow on the field should be plowed or pushed in the east – west direction to minimize possibility of plows catching and ripping turf seams open. In addition, snow piles that accumulate along the field perimeter from plowing must be removed completely off the synthetic surface. Snow piles shall not remain on the field surface since they may cause damage and malformation of the field surface. Contractor shall remove all snow piles from the field surface.
- H-5.1.2*                    **Service Type:** As Needed
- H-5.1.3*                    Meade Stadium Common Areas
- H-5.1.3 (1)*                    **Physical Descriptions:** Enclosed within Meade Stadium, but outside the playing field, are the east and west bleacher grandstands and field surround common pedestrian areas. To the east and south of the playing field is a large gravel surface that extends from the field, it includes areas under the grandstands to the Stadium east perimeter fencing. The gravel area narrows to a roadway as it extends to the south of the stadium. There is an asphalt pathway at the south and southwest entrances to the stadium. The asphalt pathway extends under the west grandstands to the northwest stadium gate entrance. Additionally, there is a new asphalt bike path extending north to south along the east perimeter of the stadium. In total there is approximately 72,000 square feet of area that must be cleared of snow.
- H-5.1.3 (2)*                    **Surface Type:** Asphalt and Gravel Roadways/Parking Areas
- H-5.1.3 (3)*                    **Ice Melt Type:** Rock Salt
- H-5.1.3 (4)*                    **Special Snow Removal Requirements:** The grandstands located on the east and west sides of the field are heavily trafficked pedestrian areas. There are bathroom facilities and stairwell locations under the east grandstands. Snow and ice shall be cleared away from the access points to these locations.
- H-5.1.3 (5)*                    **Service Type:** As Needed
- H-5.1.4*                    East & West Bleacher Grandstands

*H-5.1.4 (1)*                    **Physical Descriptions:** The grandstands located on each side of the playing field have a total seating capacity for approximately 8,000 people. There are stairwell access points under the east stands and walkway ramps for access to the west stands. The east stands are entirely bleacher (bench) style seating platforms. The west stands have both bench and individual bucket style seating.

*H-5.1.4 (2)*                    **Surface Type:** Wood/Aluminum

*H-5.1.4 (3)*                    **Ice Melt Type:** No ice melt salts allowed.

*H-5.1.4 (4)*                    **Special Snow Removal Requirements:** Snow and ice shall be shoveled off the bleacher floor and seating surfaces to allow for pedestrian access to the seating. Contractor shall devise efficient method for removing snow from bleachers. Chutes may be temporarily installed on the stair aisles to shuttle snow down and off the bleachers.

*H-5.1.4 (5)*                    **Service Type:** As Needed

H-5.1.5                        Bill Beck Baseball Field

*H-5.1.5 (1)*                    **Physical Descriptions:** The Beck Field Baseball complex was constructed in 2009 with a synthetic field playing surface. There are clay mounds in the bullpens and on the playing field. The total turf area of the field including bullpens is 3.1 acres. The field is surrounded by 8 feet tall chain link fence with two 20-foot-wide access gates for equipment.

*H-5.1.5 (2)*                    **Surface Type:** Synthetic turf (FieldTurf) with rubber pellet infill.

*H-5.1.5 (3)*                    **Ice Melt Type:** No ice melt salts allowed.

*H-5.1.5 (4)*                    **Special Snow Removal Requirements:** The synthetic turf carpet was installed with seams running north to south. Snow on the field must be plowed or pushed in the north – south direction to minimize possibility of plows catching and ripping turf seams open. In addition, snow piles that accumulate along the field perimeter from plowing must be removed completely off the synthetic surface. Snow piles shall not remain on the field surface since they may cause damage and malformation of the field surface. Contractor shall remove all snow piles from the field surface.



*H-5.1.5 (5)*

**Service Type:** As Needed

## **Part V: Invoicing & Payments:**

This section defines terms of payment and invoicing practices.

### Topic 11. Pricing

This topic describes how snow removal prices shall be determined for each snow event.

#### 11-1 Price Basis

- 11-1.1 The Manager(s) of Facilities Operations shall determine total snowfall depth after each snow event from the NOAA weather station located on the URI Kingston Campus and inform the Contractor which unit price level to charge.
- 11-1.2 For each storm event, the Contractor shall charge no more than their unit bid prices for snow removal at the determined snowfall depth for locations and sites services were provided.
- 11-1.3 For each storm event, the Contractor shall charge no more than their unit bid prices for icemelt applications applied at locations and sites services were provided.

### Topic 12. Invoicing

This topic shall inform the Contractor the standard format for invoices, submission deadlines and location.

- 12-1 The Contractor shall submit invoices for snow removal for each snow event.
- 12-2 The Contractor shall submit invoices to URI within 7 days following each snow event.
- 12-3 Invoices shall be submitted by the Contractor to the Manager(s) of Facilities Operations for processing. Invoices may be mailed (URI Department of Facilities Operations, Sherman Building, 60 Tootell Road, Kingston, RI. 02881). However, email submission is preferred for expediency.
- 12-3.1 EXCEPTION: Invoices for Group B. Ryan Center Areas shall be billed (mailed or emailed) directly to the Manager of Facilities of The Ryan Center.
- 12-4 URI shall not be billed nor responsible to pay costs for unauthorized mobilization for snow removal. URI shall only pay for services requested. Invoices received

that include charges for services at locations not authorized by Managers of URI Facilities will be rejected and returned to the contractor unpaid.

- 12-5 Contractor shall not bill hourly rates or additional fees for equipment and labor to perform snow removal or ice melt applications on location sites with specified bid prices.
- 12-6 Invoice Format
  - 12-6.1 Invoices submitted by Contractor shall include date of invoice, date of storm event, purchase order number and itemized descriptions of charges.
  - 12-6.2 Charges for snow removal or ice melt applications must be billed by each location with a subtotal per group. For example: there are three snow removal sites (Parking lot, Walkways & Stairs) located at the Women's Center. Charges for snow removal for each of those sites must be billed as separate line items with a subtotal for the Women's Center Snow Removal group. Charges for ice melt treatments shall be separated from snow removal service charges and must also be billed as a separate line-item charge for each location.
  - 12-6.3 Line-item charges for serviced locations on invoices shall be placed in the same order as they appear on the bid form for each Contract Group.
  - 12-6.4 Rates for additional equipment on a cost per hour basis shall be bid for the items listed under Additional Equipment. These items shall be utilized only if requested by a University official to perform snow removal on campus locations other than those listed within this contract. The University shall not be charged for additional equipment for snow clearing in the locations listed in this contract.
- 12-7 Invoice Review & Payments
  - 12-7.1 Contractor shall thoroughly review their invoices for correct pricing before submission, as pricing discrepancies may delay the payment process.
  - 12-7.2 Invoices for all contract groups (except Group B) will be reviewed by the Manager(s) of Facilities Operations. The Facilities Manager of the Ryan Center will review invoices for Group B.

12-7.3

Payments for services shall be made to the Contractor within net 30 working days from receipt of invoice. Incorrect pricing or other issues with invoice format may delay payments

# Bidder Qualifications Checklist

Bidders must complete the questionnaire below by checking in the column under “YES” or “NO” for each of the questions. GENERAL QUESTIONS shall apply to bidders of all contract groups, unless an exemption for specific groups is noted with the question. GROUP H QUESTIONS shall apply to bidders of contract Group H only.

	GENERAL QUESTIONS	YES	NO
<b>1</b>	Do you have at least 3 years of experience managing snow removal for multi-residential or commercial properties?		
<b>2</b>	Do you own all the following snow removal equipment: plow trucks with salt/sander equipment, backhoes, front loaders, and skid steer equipment? -OR- Are you able to secure ability to employ all the same equipment for every winter snowstorm? (Exempt: Groups E & F)		
<b>3</b>	Are you capable to secure employment of a qualified crew of equipment and vehicle operators for all your mechanized equipment and vehicles? (Exempt: Groups E & F)		
<b>4</b>	Will you provide direct supervision of your laborers yourself or employing a foreman/manager?		
<b>5</b>	Are you available to provide snow removal services for every potential snow storm 24 hours per day any day of the week?		
<b>6</b>	Are you available to receive phone communication with URI at any time 24 hours per day, 7 days per week?		
<b>7</b>	Are you capable to secure employment of a crew no less than ten (10) snow shovelers able to meet the physical demands of snow shoveling tasks during winter storms as specified?		
<b>8</b>	Are you capable of mobilizing equipment and employees to the University in Kingston, RI within 3 hours notice?		
<b>9</b>	Are you capable of repairing damages to buildings, landscape features or any other objects which may become dislodged or damaged by your equipment or employees in the course of snow removal?		
<b>10</b>	Are you capable of furnishing and applying the specified de-icing materials as specified?		
<b>11</b>	Are you capable to furnish and employ additional equipment and labor, as specified, if requested by URI and charged on a per hour basis?		
	<b>GROUP H. SPECIFIC QUESTIONS</b>		
<b>13</b>	Do you have experience removing snow from synthetic turf athletic fields?		

