

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 135 PAGES
2. AMENDMENT/MODIFICATION NUMBER 0006	3. EFFECTIVE DATE 10/04/2026	4. REQUISITION/PURCHASE REQ. NUMBER F369146-26-2000058	5. PROJECT NUMBER (if applicable) 1
6. ISSUED BY NATIONAL CEMETERY ADMIN (786) NATIONAL CEMETERY ADMINISTRATION DEPT OF VETERANS AFFAIRS 18434 JOPLIN RD. TRIANGLE, VA 22172	CODE 36C786	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, country, state and ZIP Code)		(X)	9A. AMENDMENT OF SOLICITATION NUMBER 36C78626R50120
		X	9B. DATED (SEE ITEM 11) 08/14/2026
			10A. MODIFICATION OF CONTRACT/ORDER NUMBER
			10B. DATED (SEE ITEM 11)
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended,

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.

IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Grounds maintenance services for Riverside National Cemetery. Purpose of this amendment is to extend the deadline for proposals through 10/13/2026 and publish: Answers to vendors' questions; the corrected Instructions to Offerors_Evaluations document; revised PWS due to vendors' questions; the 8/19/26 vendor site visit sign-in sheet; the revised Excel Riverside NC PriceSched; and SCA wage determination 2015-5629 revision 31 dated 08/27/2026. Also, the NCA Contracting Office has been experiencing technical difficulties publishing to Contract Opportunities. Please reach out to Ralph.Crum@va.gov if you are missing the base solicitation and amendments 0001 through 0005 and I will provide links/copies.

CLOSING DATE/TIME:

10/13/2026 - 17:00 PST

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ralph Crum	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA By (Signature of Contracting Officer)	16C. DATE SIGNED

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Section 1 - Continuation Sheet

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0001	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TURF & GRASSES MAINTENANCE					
	Period of Performance: 12/01/2026 - 11/30/2027					
	Reference Line: F369146-26-2000058 - 0001					
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0002	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: PEST CONTROL					
	Period of Performance: 12/01/2026 - 11/30/2027					
	Reference Line: F369146-26-2000058 - 0002					
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0003	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: IRRIGATION SYSTEM SERVICES					
	Period of Performance: 12/01/2026 - 11/30/2027					
	Reference Line: F369146-26-2000058 - 0003					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0004	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: POND SERVICES					
	Period of Performance: 12/01/2026 - 11/30/2027					
	Reference Line: F369146-26-2000058 - 0004					
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0005	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: DRAINAGE SYSTEM MAINTENANCE					
	Period of Performance: 12/01/2026 - 11/30/2027					
	Reference Line: F369146-26-2000058 - 0005					
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0006	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TRASH & DEBRIS REMOVAL					
	Period of Performance: 12/01/2026 - 11/30/2027					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
	Reference Line: F369146-26-2000058 - 0006					
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0007	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: STRUCTURE CLEANING					
	Period of Performance: 12/01/2026 - 11/30/2027					
	Reference Line: F369146-26-2000058 - 0012					
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
0008	See Description Below	Original:	JB			
	PSC: S208	1.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		1.000000				
	Description: ONE TIME REPLACEMENT AND REPAIRS FOR MOH POOL PUMP SYSTEM					
	Period of Performance: 12/01/2026 - 11/30/2027					
	Reference Line: F369146-26-2000058 - 0013					
	Pricing Options: Base					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
10001	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TURF & GRASSES MAINTENANCE					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
	Period of Performance: 12/01/2027 - 11/30/2028					
	Reference Line: F369146-26-2000058 - 10001					
	Pricing Options: Option 0001					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
10002	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: PEST CONTROL					
	Period of Performance: 12/01/2027 - 11/30/2028					
	Reference Line: F369146-26-2000058 - 10002					
	Pricing Options: Option 0002					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
10003	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: IRRIGATION SYSTEM SERVICES					
	Period of Performance: 12/01/2027 - 11/30/2028					
	Reference Line: F369146-26-2000058 - 10003					
	Pricing Options: Option 0003					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
10004	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
	Description: POND SERVICES					
	Period of Performance: 12/01/2027 - 11/30/2028					
	Reference Line: F369146-26-2000058 - 10004					
	Pricing Options: Option 0004					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
10005	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: DRAINAGE SYSTEM MAINTENANCE					
	Period of Performance: 12/01/2027 - 11/30/2028					
	Reference Line: F369146-26-2000058 - 10005					
	Pricing Options: Option 0005					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
10006	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TRASH & DEBRIS REMOVAL					
	Period of Performance: 12/01/2027 - 11/30/2028					
	Reference Line: F369146-26-2000058 - 10006					
	Pricing Options: Option 0006					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
10007	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDKEEPING	0.000000				
	SERVICES					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
		Current: 12.000000				
	Description: STRUCTURE CLEANING					
	Period of Performance: 12/01/2027 - 11/30/2028					
	Reference Line: F369146-26-2000058 - 10012					
	Pricing Options: Option 0007					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
20001	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TURF & GRASSES MAINTENANCE					
	Period of Performance: 12/01/2028 - 11/30/2029					
	Reference Line: F369146-26-2000058 - 20001					
	Pricing Options: Option 0001					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
20002	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: PEST CONTROL					
	Period of Performance: 12/01/2028 - 11/30/2029					
	Reference Line: F369146-26-2000058 - 20002					
	Pricing Options: Option 0002					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
20003	See Description Below	Original:	MO			
	PSC: S208	12.000000				

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
20006	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TRASH & DEBRIS REMOVAL					
	Period of Performance: 12/01/2028 - 11/30/2029					
	Reference Line: F369146-26-2000058 - 20006					
	Pricing Options: Option 0006					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
20007	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: STRUCTURE CLEANING					
	Period of Performance: 12/01/2028 - 11/30/2029					
	Reference Line: F369146-26-2000058 - 20012					
	Pricing Options: Option 0007					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
30001	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TURF & GRASSES MAINTENANCE					
	Period of Performance: 12/01/2029 - 11/30/2030					
	Reference Line: F369146-26-2000058 - 30001					
	Pricing Options: Option 0001					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
30002	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: PEST CONTROL					
	Period of Performance: 12/01/2029 - 11/30/2030					
	Reference Line: F369146-26-2000058 - 30002					
	Pricing Options: Option 0002					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
30003	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: IRRIGATION SYSTEM SERVICES					
	Period of Performance: 12/01/2029 - 11/30/2030					
	Reference Line: F369146-26-2000058 - 30003					
	Pricing Options: Option 0003					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
30004	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: POND SERVICES					
	Period of Performance: 12/01/2029 - 11/30/2030					
	Reference Line: F369146-26-2000058 - 30004					
	Pricing Options: Option 0004					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
30005	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: DRAINAGE SYSTEM MAINTENANCE					
	Period of Performance: 12/01/2029 - 11/30/2030					
	Reference Line: F369146-26-2000058 - 30005					
	Pricing Options: Option 0005					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
30006	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: TRASH & DEBRIS REMOVAL					
	Period of Performance: 12/01/2029 - 11/30/2030					
	Reference Line: F369146-26-2000058 - 30006					
	Pricing Options: Option 0006					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
30007	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: STRUCTURE CLEANING					
	Period of Performance: 12/01/2029 - 11/30/2030					
	Reference Line: F369146-26-2000058 - 30012					
	Pricing Options: Option 0007					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
40004	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: POND SERVICES					
	Period of Performance: 12/01/2030 - 11/30/2031					
	Reference Line: F369146-26-2000058 - 40004					
	Pricing Options: Option 0004					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
40005	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: DRAINAGE SYSTEM MAINTENANCE					
	Period of Performance: 12/01/2030 - 11/30/2031					
	Reference Line: F369146-26-2000058 - 40005					
	Pricing Options: Option 0005					
Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
40006	See Description Below PSC: S208 LANDSCAPING/ GROUNDSKEEPING SERVICES	Original: 12.000000 Change: 0.000000 Current: 12.000000	MO			
	Description: TRASH & DEBRIS REMOVAL					
	Period of Performance: 12/01/2030 - 11/30/2031					
	Reference Line: F369146-26-2000058 - 40006					
	Pricing Options: Option 0006					

Number	Supplies or Services	Max. Qty	Unit	Unit Price	Total (Inc. disc., tax, and fees)	Quantity Price Break
40007	See Description Below	Original:	MO			
	PSC: S208	12.000000				
	LANDSCAPING/	Change:				
	GROUNDSKEEPING	0.000000				
	SERVICES	Current:				
		12.000000				
	Description: STRUCTURE CLEANING					
	Period of Performance: 12/01/2030 - 11/30/2031					
	Reference Line: F369146-26-2000058 - 40012					
	Pricing Options: Option 0007					

A.1 Description of Amendment/Modification

High Level Changes:

- New
- Updated
 - Closing Date Time changed from 10/05/2026 17:00 to 10/13/2026 17:00
 - Solicitation Date changed from 09/27/2026 to 10/04/2026
- Removed

Office Changes:

- New
- Updated
 - Admin Office Guid changed from 65e13c50-3f1a-41e5-8953-d407c264bc7e to 98a1e66f-1dd2-481d-97b0-ccfd282394b2
 - Place of Performance Office Guid changed from a23c59e6-8d8e-4034-8dfe-66e489c4d66f to d099cba7-50fe-456d-bea6-ba1b0cc9e163
 - Delivery Office Guid changed from addc41a2-74d2-45b3-ad5c-ed5d79d72714 to bd382992-56f3-4a19-811f-9e2d0c1e843c
 - Issue Office Guid changed from 990ad647-5e17-4ed6-9065-475d52ed8473 to e4d52b10-b293-458e-868a-2735f9bf1eec
 - Invoice Office Guid changed from 358345e9-c3d3-4f53-8b33-59b398fbfd8f to 1b5e7611-e7f6-4e4c-a371-ec875e55d089
 - Request Office Guid changed from c6e3275b-040d-476b-8b84-a12dd5a83e05 to 7057b8c2-2553-4ea6-b89e-0662ee992c5b
 - Place of Performance Office Guid changed from 24021577-b7a3-441b-8ac0-f0bf10334d44 to 839d363c-5703-4177-888a-ee5336bf4c34
 - Place of Performance Office Guid changed from f9bd2365-f501-4198-afc8-1383d972622f to 5350876f-43c9-49d9-b015-1cc697b0afd5
 - Place of Performance Office Guid changed from ce6b9c1d-e6dc-40b1-b582-a55bf0bd2579 to 42ccf375-9612-4e6a-bbc7-b249ff969b0c
 - Place of Performance Office Guid changed from 7e6e7ad3-4901-4307-92b2-a595d5951705 to bb6d737b-93de-4139-9ddb-4c6d30a64baf
 - Place of Performance Office Guid changed from 5eb4273d-3f7c-49da-8efc-96fe673e7def to 12434e32-5b2c-4268-8071-da01aa579e37
 - Place of Performance Office Guid changed from 4f782fc3-460e-48a1-8c04-ffb7730d8520 to d6df7c6e-01d8-4cb8-9b61-9922d5ce3545

- Place of Performance Office Guid changed from 20455cce-2c52-4b26-8710-59133df09785 to 0129fc03-7629-4345-9746-2a1929111bee
- Place of Performance Office Guid changed from 131e7c49-a20e-4e86-a440-ee60e3fdcd2 to 41c8c189-a39b-443d-808f-14b5ddcfbc
- Place of Performance Office Guid changed from 1deb28e6-2c49-4b79-9629-e0c31efb400d to 57997f6f-b1a6-4519-bedb-07fd3b0a3b21
- Place of Performance Office Guid changed from c35fab38-c9f3-41d6-9170-c996bc3bc066 to e14eabfd-e64a-43e0-a9cd-7bdfda49a53b
- Place of Performance Office Guid changed from 927500c9-0f6b-498f-abad-29f192bd0a60 to c366b81b-4185-4153-82be-9bf0abe388c8
- Place of Performance Office Guid changed from 5d4b9630-0c5c-40d5-9e2e-9063d6108348 to d8a01759-1dcb-483b-8254-3f751a3115fc
- Place of Performance Office Guid changed from f5dcd6a8-8ed0-46cc-a4aa-0189fff0d257 to 567eb31e-77da-4c01-828a-d5d2d515bdf9
- Place of Performance Office Guid changed from a9b06d07-f452-48d4-82a8-1ef5386ffec3 to cc481249-1bb3-4a4f-852b-b5abff0685a9
- Place of Performance Office Guid changed from 04d22d08-ab6b-47f7-b9e1-38d7d1563a07 to 9025dd93-2329-4b24-8ad9-2fc28781d7a8
- Place of Performance Office Guid changed from c4cf12e8-4fac-477b-ab6e-2fb4e00620b0 to 74b9c3ee-64c5-49c2-bbd6-64f466cdddb3
- Place of Performance Office Guid changed from fce4f480-6f58-49fd-ab5c-184f5bdf8955 to f64b91ad-247c-43cf-b278-8dec630ad57d
- Place of Performance Office Guid changed from 16f5c88c-827d-45c7-a781-2e1242ae7a7a to 78e5434c-4fa0-4157-8110-502712cce7fc
- Place of Performance Office Guid changed from 99d31349-699f-4fc9-879e-e7ed6b87ff23 to 72afe1a8-bcf2-4515-92fe-5746b25f95c0
- Place of Performance Office Guid changed from 192f03f4-9142-4ccc-a4e6-8daf4e60924d to 5fa84692-f0e1-44eb-91b8-013b5d404b44
- Place of Performance Office Guid changed from da988166-4bdb-42f0-a2a4-f3a452b6c152 to ed69e279-0b51-48c1-af1b-905c842c7bd1
- Place of Performance Office Guid changed from 5af2ac3c-5a4d-4165-8a7f-a87ad2e57f65 to 1ffc5a07-0d79-4c29-a69f-a613067359e1
- Place of Performance Office Guid changed from 8c0c3545-eb2c-458a-ac74-549363f300b2 to 2290f545-e2dc-4457-9598-9e301aeacc2c
- Place of Performance Office Guid changed from ff5d6986-0efb-43bd-869e-7d6720e2d279 to 942ff53b-95de-4dcf-9282-0029853f3d9d
- Place of Performance Office Guid changed from 7a36058b-eeef-45aa-adda-71395e3bc333 to 683d6dde-cb57-40ff-b481-4e3d06d317ba
- Place of Performance Office Guid changed from 72e34c8d-b1d4-4ada-9d67-5c3093810dcf to 320d3f79-0471-4016-bca9-2b8066b1bc28
- Place of Performance Office Guid changed from 2e4625b6-fe2d-4ee7-a5bf-680204e64c4e to d76a1971-c03f-48b5-b965-994ed945ec5b
- Place of Performance Office Guid changed from ef0daedf-a1e3-46b8-9bb6-57cba1fb186e to 6cd63343-bbcd-40c1-9170-d15f124ffb51
- Place of Performance Office Guid changed from ac609a4a-19a9-477d-b86f-3a7b777354ce to 53172223-cdc8-4009-b4ec-d5f9e724dc77
- Place of Performance Office Guid changed from 954baab7-752c-4e66-a9c6-b688cca7f502 to eec39fda-19a8-407f-a772-852ca0f05cc0
- Place of Performance Office Guid changed from b81769e6-0e16-4449-908f-5d5b18ca5f56 to 71c7d365-1d71-46ee-863b-b9ebf70e39a9
- Place of Performance Office Guid changed from cb31af22-00d7-44f5-b6f8-a25bb11501c9 to 2eb846db-9676-4d3b-b427-3472a1e62384
- Place of Performance Office Guid changed from e2d57ff0-36cd-4e8f-bef7-062d9477599e to db56f689-8ecb-43ac-ac1b-968249f402da
- Place of Performance Office Guid changed from d8fb37b2-c527-4cb9-93f2-c7852df8e19e to 7a155d42-a490-46d9-aa7e-dbed2091ec71
- Place of Performance Office Guid changed from 2a912b22-cfdc-4bf2-8137-afb3e0a563e6 to af51fb78-3a33-402c-becd-993c9fb08552
- Place of Performance Office Guid changed from 8bf2d8cd-79eb-4313-ab39-a7495dec69cb to d357e282-18cb-42d4-ba21-2fead63d3c9c

- New

[illegible]

- Line 30006 End Date changed from 10/31/2030 to 11/30/2030
- Line 30006 Start Date changed from 11/01/2029 to 12/01/2029
- Line 30007 End Date changed from 10/31/2030 to 11/30/2030
- Line 30007 Start Date changed from 11/01/2029 to 12/01/2029
- Line 40001 End Date changed from 10/31/2031 to 11/30/2031
- Line 40001 Start Date changed from 11/01/2030 to 12/01/2030
- Line 40002 End Date changed from 10/31/2031 to 11/30/2031
- Line 40002 Start Date changed from 11/01/2030 to 12/01/2030
- Line 40003 End Date changed from 10/31/2031 to 11/30/2031
- Line 40003 Start Date changed from 11/01/2030 to 12/01/2030
- Line 40004 End Date changed from 10/31/2031 to 11/30/2031
- Line 40004 Start Date changed from 11/01/2030 to 12/01/2030
- Line 40005 End Date changed from 10/31/2031 to 11/30/2031
- Line 40005 Start Date changed from 11/01/2030 to 12/01/2030
- Line 40006 End Date changed from 10/31/2031 to 11/30/2031
- Line 40006 Start Date changed from 11/01/2030 to 12/01/2030
- Line 40007 End Date changed from 10/31/2031 to 11/30/2031
- Line 40007 Start Date changed from 11/01/2030 to 12/01/2030
- Removed

Shipment Changes:

- New
- Updated
 - Line 0001 Delivery Instance 1 Guid changed from a892894a-3256-4364-a011-f16527e89ade to 34110795-e255-48d8-8ae2-5e867d8d3972
 - Line 0002 Delivery Instance 1 Guid changed from 65757aea-c17d-41b9-b701-d674cfbd5e30 to 35eb7ebd-a0e6-416e-a095-586763de8e84
 - Line 0003 Delivery Instance 1 Guid changed from d85a8811-3d39-4d14-bad8-8db4b70c7826 to 286c7fc5-3e53-4765-a50b-3b303c4dc133
 - Line 0004 Delivery Instance 1 Guid changed from a81ca6ae-b321-4be2-b311-868d24232cf3 to 53bc10c2-ff7b-448b-8501-e5e729b050c9
 - Line 0005 Delivery Instance 1 Guid changed from d2045845-afc0-4f7b-870b-bb7a04550682 to 3f33ba7c-ef91-4034-9bed-a8f7ca726dde
 - Line 0006 Delivery Instance 1 Guid changed from 15c9c14b-d214-42d3-a58a-79e647492547 to 358437d0-f9a4-4054-8131-f4511dde2c11
 - Line 0007 Delivery Instance 1 Guid changed from 0fa93b90-208b-447f-9d4e-66062dbc4d5d to 5d7a0e79-264a-4189-ad77-394e067696bb
 - Line 0008 Delivery Instance 1 Guid changed from 3082a7d3-a985-486d-9ce3-23f053cb4382 to f35fd529-eeb6-4f4a-b970-7a75f49aaf28
 - Line 10001 Delivery Instance 1 Guid changed from 2bb577a3-b173-40a6-83e8-2b284e08d8d0 to a2ce9751-1185-4413-8f5b-0bc2d1a8ae48
 - Line 10002 Delivery Instance 1 Guid changed from 4515381a-ae58-4f14-b233-61c92cd71465 to 9dba9456-ffc2-46e5-8f78-9b46abd39d53
 - Line 10003 Delivery Instance 1 Guid changed from aeba9ff5-590c-4b63-9560-62764529a869 to 674bdd28-60e0-474a-a7e7-cc9a56b47451
 - Line 10004 Delivery Instance 1 Guid changed from 046f5e61-8c07-4d57-85f3-711dfdcab911 to aca17a5d-130a-495f-929a-d468ef38c4f2
 - Line 10005 Delivery Instance 1 Guid changed from 52a90961-c15e-4f0a-99eb-268d6e668ac2 to 5df370c3-a15c-45bc-9ec2-ed6703176c71
 - Line 10006 Delivery Instance 1 Guid changed from 1083d2b5-4562-49ca-8089-37262d60fd51 to c82d72c0-2416-4c86-832c-a5b9f6c29255
 - Line 10007 Delivery Instance 1 Guid changed from 8eac26b0-98b1-4122-a719-665e5812a8e1 to 9039ff44-6eab-4802-ada6-1caa41786510
 - Line 20001 Delivery Instance 1 Guid changed from b70fdf89-06bf-4e4c-81cd-79f4ec11bfb0 to 1267dbd5-eb36-483b-8bd3-1a442bef031e
 - Line 20002 Delivery Instance 1 Guid changed from b5d61d85-cc98-4ea0-8502-63602f492498 to d7ed15a2-191c-4510-9c0c-7c7935335aaf
 - Line 20003 Delivery Instance 1 Guid changed from 50a5a325-b886-4c2c-a366-998af1e9cde8 to 3ccaa671-d802-4cb2-a017-6d25fca0c446

- Line 20004 Delivery Instance 1 Guid changed from f014a719-b9ad-4049-8012-e8407b454137 to fa6bd745-6c8a-4852-b5f8-e67f9f2b33e5
- Line 20005 Delivery Instance 1 Guid changed from 6f5824d8-f92b-4311-9acc-f7d5fc103045 to 50d23645-aeec-4ad8-a894-9ccdb90974d5
- Line 20006 Delivery Instance 1 Guid changed from b04e0b76-6bba-4a5c-bc7a-66b5bc27de6b to 15f9aea1-bcf7-40ef-af85-7db851bee5a0
- Line 20007 Delivery Instance 1 Guid changed from 2917a789-6768-4559-a077-10209eb16247 to 24df9ef2-cfc9-4e9e-8e0a-33f55a265403
- Line 30001 Delivery Instance 1 Guid changed from df4b260b-aa60-4883-bd0c-a2ddcbf3c459 to 7acf62c8-b3e0-4c16-b976-4472f502dc00
- Line 30002 Delivery Instance 1 Guid changed from c7457f2c-0bd0-4b67-8651-09eb79f1c0c9 to 962e51bc-f5ad-4c09-b10a-10db36fb7853
- Line 30003 Delivery Instance 1 Guid changed from 263ae729-8e6b-431b-ad56-2a35cba90d6a to 83878947-6716-44d4-ad69-6df665a2ab7a
- Line 30004 Delivery Instance 1 Guid changed from eb409788-f9cd-4b25-b9a4-5b394e0595b7 to d349b9b2-85e5-4895-9605-d254808bea16
- Line 30005 Delivery Instance 1 Guid changed from a0fa92c7-1ea6-46d9-89aa-d771ef94554f to f7f063bc-a269-49dc-a575-067663543d99
- Line 30006 Delivery Instance 1 Guid changed from 11dcc293-34d1-4002-a757-7cdccfa53857 to bbfb330e2-fcf4-46bd-a08d-5ddef914fdc1
- Line 30007 Delivery Instance 1 Guid changed from 8308b20e-1171-4afb-bc0a-66462792b623 to 72a15073-45b3-45eb-baf2-0c80f5b6ec50
- Line 40001 Delivery Instance 1 Guid changed from 64ddb2f0-7872-43b1-bb59-630e0b23e83a to ed06c9c3-986a-4c47-96fc-ef428d68de17
- Line 40002 Delivery Instance 1 Guid changed from 7b6525c1-a16f-4fbf-85d4-d520df258767 to 8cf361e2-b1b8-4c06-a2c2-baaa45285c45
- Line 40003 Delivery Instance 1 Guid changed from 2834edb9-245c-4526-9470-72224d1be535 to 27a08221-9596-46ef-a2ea-990c04ac5f63
- Line 40004 Delivery Instance 1 Guid changed from ab43dd4b-58ed-40b8-8540-8e23f879db6f to 46584dc7-4bcb-44a7-a9ec-39dbbee040c7
- Line 40005 Delivery Instance 1 Guid changed from 7714a9fd-cd9e-461e-81d0-d04187d289c4 to 1d7c9a0e-bba7-4aa3-bbe5-bd5f516a778e
- Line 40006 Delivery Instance 1 Guid changed from 98752b9d-4907-48ac-9200-83003edf0c0f to 848fe91e-2568-4bee-b94e-0d65098e4683
- Line 40007 Delivery Instance 1 Guid changed from 9ea7135c-fdaa-4057-9284-e21a40487b8e to 5160b01e-65d4-4b83-9781-cd35ef62f864
- Removed

Attachment Changes:

- New
 - AnswersToVendorsQuestions_36C78626R501200006.pdf
 - INSTRUCTIONS TO OFFERORS_EVALUATIONS_0006.docx
 - P09 PCD GMC PWS - RNC_10042026.docx
 - RIVERSIDE NC PriceSched_0006.xlsx
 - RNC GMC on-site visit Aug19.pdf
 - S06 SCA WD 2015-5629 Rev 31 08272026.pdf
- Updated
- Removed
 - INSTRUCTIONS TO OFFERORS_EVALUATIONS_08092026.docx
 - P07 SCA WD 2015-5629 rev 29 05132026.pdf
 - P09 PCD GMC PWS - RNC_CO 08112026.docx
 - RIVERSIDE NC PriceSched_08092026.xlsx

Clause Changes:

- New
- Updated
 - Clause 52.203-11 Guid changed from 6089e5de-666b-46d0-b55e-c151bb82bb44 to 351313cf-57a1-421f-8c32-9215d6afb1bf

- Clause 52.203-13 Guid changed from aea0aecb-e0ca-4196-807b-2f4e165a2014 to 1d50fa9f-7061-4a28-afb9-491c565140c9
- Clause 52.203-17 Guid changed from 57e16a22-2fe8-4911-b7a4-554b4c5790c5 to 7222c003-028b-4a40-b188-e2041e6c6250
- Clause 52.203-18 Guid changed from bb1f3c29-cd57-4d4c-81c2-a5f0e546f895 to b50171b0-5172-4a75-95a1-d25ad6ae6d0c
- Clause 52.203-19 Guid changed from a0e08668-61b1-4b71-9edf-469d471f107a to ff4f8eb5-d941-4665-9d1d-0b44d01eea84
- Clause 52.203-6 Alt I Guid changed from 57c9931c-030c-4915-bae2-aced4d08b115 to 59cc18a6-892f-471c-a196-db68cab0991c
- Clause 52.204-13 (DEV) Guid changed from 08bf6057-3e20-4182-b1c0-192cb217085f to 4abfbf15-5207-4032-b32d-b6f09cd2c3a6
- Clause 52.204-7 (DEV) Guid changed from e11694d9-cdeb-42fd-bd73-c02e475f4d81 to 30814376-411d-4973-9f61-62f841d73617
- Clause 52.209-10 Guid changed from 35ff5d1b-478e-49b4-8fe6-365686fcd9e to 33e3026c-2c94-4a40-b9e6-faef1dabac44
- Clause 52.209-6 Guid changed from 8e6cdad8-02ac-4c67-b8ef-a6e113272ce5 to 588b79ca-2da4-4d62-b030-d17eb92cc107
- Clause 52.209-7 Guid changed from 9e965ac0-392d-4d6f-b7c0-f2ca7636ae2a to 1c6d0fa8-920f-4737-888d-ac92c6662ce9
- Clause 52.212-1 (DEV) Guid changed from 76620f5b-1a09-4d81-bb18-89feffe4752b to 2ef426af-3d6a-4435-a225-f422e4642535
- Clause 52.212-2 (DEV) Guid changed from 71427fd0-da28-4ac2-b842-7113abce2e04 to 82c1c815-d53f-4d3a-a819-8f4b0e25eddd
- Clause 52.212-4 (DEV) Guid changed from 48288d59-46a1-4867-b6ab-68391886eeee to e7514fa1-e2d4-4a7b-bed1-c46330aef1a2
- Clause 52.216-1 (DEV) Guid changed from 21cb8b4b-4798-496d-a540-3ae461332610 to ac4aaf3d-5a64-4c7e-bb14-0d30c11f0d98
- Clause 52.216-18 Guid changed from fac581cd-6289-4eea-ba03-523c8c5133b9 to ba3e3508-6320-4d1d-b7ab-81caa38b18e7
- Clause 52.216-19 Guid changed from 360a89f0-bdf3-4bea-8f32-33b9217a6cdd to 902be1e3-65aa-4e37-8c42-dcb9d4d3a06a
- Clause 52.216-22 (DEV) Guid changed from 50c64cce-a970-4e20-bdf0-e42fd366eaca to ffb8705a-6790-44a7-b8d9-0ba2fdd5cd38
- Clause 52.217-8 Guid changed from f5530586-ef45-4216-b493-86c4b404a08b to dca663c3-dc93-492f-b960-14c4519ba1d6
- Clause 52.217-9 Guid changed from 25342523-d93f-4cbe-9a7d-fc21221d234f to f4b1fe4a-fe03-483a-9a26-533aa11bbdee
- Clause 52.219-14 (DEV) Guid changed from a2ac3fcf-da53-441b-b86d-5360fff93ff9 to a2794fd7-c6af-426e-8006-20a699e719e8
- Clause 52.219-6 (DEV) Guid changed from bc396fe1-1e5d-4a73-bb78-7cfb971a0486 to 2e9eb91c-5020-4df8-b023-119989966569
- Clause 52.219-8 (DEV) Guid changed from 02ee6409-eeef-4041-a48d-0c0809ca8537 to ebc6b594-d11a-4840-9ee6-a95f2dc51013
- Clause 52.222-3 (DEV) Guid changed from 4d5d78c9-be25-4221-983b-525ad55c0af6 to d7d89b99-4e60-42d9-b1b4-145a8c39a607
- Clause 52.222-35 (DEV) Guid changed from 75baccd2-69f2-4ee4-90c7-6f2b7213f33b to 05cc7a62-ab04-404f-b12e-d170a056c81c
- Clause 52.222-36 (DEV) Guid changed from 5b4a771c-5f3d-4b1c-8f79-0c70b7e2be6b to c02da43f-f804-4f1d-be2c-156404647ea9
- Clause 52.222-37 (DEV) Guid changed from 5be1dd74-8925-4fde-9f65-5ce650f94543 to 9a868333-b669-48cf-a309-1248287b7d60
- Clause 52.222-40 (DEV) Guid changed from aa0e1aa3-0cec-4820-93c0-22d29505d40d to 517c8839-fc1d-4ac7-bedc-a52dce824b79
- Clause 52.222-41 (DEV) Guid changed from 3c33775b-94cd-4e58-9980-d85214271437 to fd7f48ec-fe02-460b-a36a-6b2f857e8038
- Clause 52.222-43 (DEV) Guid changed from 2485f6f8-ff8b-45be-aeaa-43fef40b9368 to 0a6c9e36-5923-4f11-b1a7-3ccfccb89c1d
- Clause 52.222-50 (DEV) Guid changed from 7cf6067a-76cf-4645-8d26-22f73db63884 to 422c169a-29ed-4a3c-803f-c8101e845322

- Clause 52.222-54 (DEV) Guid changed from 64c84576-bbd0-4ec6-9ca7-2f7c9811f66b to a0882a0e-364d-46f9-9f77-eadee80d16e5
- Clause 52.222-55 (DEV) Guid changed from c6783146-b045-4faa-b350-b46501e9edff to eb00f8ce-1d33-4d91-913c-479ed36f4a26
- Clause 52.222-62 (DEV) Guid changed from f907778d-1316-4495-b3d8-65afe6ad96fd to debeb604-d55b-46d4-a331-1385b92137ed
- Clause 52.222-90 Guid changed from 4d098490-a16e-4697-b140-9022f701a536 to 404143a7-b80b-4d91-9e63-5b832cc70f92
- Clause 52.223-23 (DEV) Guid changed from 6b979da4-943f-44db-a29a-d7dda89af6ca to 49627236-490f-4a97-8461-901c4502c2dc
- Clause 52.223-5 Guid changed from f3befb18-d4e5-454a-ac3b-811e6411a9e7 to b22e6cdf-153d-4514-8922-3182490c2cf7
- Clause 52.225-1 (DEV) Guid changed from 03fa7520-d289-4d2c-8c15-602e6b04b1f8 to 2cef62f7-7b45-4ccf-923a-76ca3151f9c5
- Clause 52.225-2 Guid changed from 0c73238e-32dc-4fb8-9bb8-23a9745d6fe5 to 7f6b994f-a956-4428-bd30-1cdd3971dd91
- Clause 52.226-8 Guid changed from 171767d1-6e50-4cfb-9028-449e6c2af19a to 3d00b6c2-cd58-4744-9d60-91d750c659d6
- Clause 52.228-5 Guid changed from f9200f94-632a-4546-bd83-cafca0358043 to bba43ce9-e75b-4d70-8e0c-83d3146e08b5
- Clause 52.229-3 (DEV) Guid changed from cc41a4c7-de05-4446-b129-4e8672ff62a3 to c481faa2-2879-4491-8782-aef067327d8c
- Clause 52.232-18 Guid changed from e78fb27a-f61a-46ff-b7dc-e2feec401f99 to 2c1ec7f6-edc4-4d8b-983e-0ccbd56e7b2e
- Clause 52.232-19 Guid changed from 9aa65f28-31d9-4c99-b5af-e0f10b022e0d to 8ab5e662-5ea8-47d7-a3db-f9618dee5c5b
- Clause 52.232-33 Guid changed from 6b2c7a56-b991-452b-b8f3-9579341a439c to 960f829c-10c1-4cc8-a24e-7c3daadd17fb
- Clause 52.232-40 Guid changed from 01798d7d-f03d-47e4-92d3-c0cbc660afbb to 34ec3bf7-b905-48ba-a616-9619552af33e
- Clause 52.232-90 (DEV) Guid changed from debc8faa-ec64-4546-b6c2-8258d4e8ef9b to 4e5d0dbd-ec0c-42ac-b672-e6f90d5f7ebf
- Clause 52.233-2 (DEV) Guid changed from d35363e2-6b5e-4fcd-a03a-54ac7afa4b00 to 10a7401d-5dcf-44b5-9fdd-b012ab5a2e57
- Clause 52.233-3 (DEV) Guid changed from 9b1dec9d-a0d9-4a1a-9ee0-2b72825d792a to 788affe9-39c7-484a-a6f6-20b0918e7e44
- Clause 52.233-4 (DEV) Guid changed from a3213dda-d935-47c9-939c-1d5038cc04a6 to 0fe33316-0f9d-401a-b8ca-a8878b23b90d
- Clause 52.237-2 Guid changed from e6c15a4c-92f3-4eb8-b288-e4967c7d71e0 to fdfa7fe1-bbde-409e-be78-ccba2cd2a5ac
- Clause 52.237-3 Guid changed from cca68910-37e8-47ac-8e65-c55aa8a1c6e9 to 287e4a23-8b3a-4ab9-a3e7-4b0451b27c3f
- Clause 52.240-91 Alt I (DEV) Guid changed from f55f8bc9-cea7-4dc8-aa54-03d7c7b6e77b to 8bb8541f-d1b8-4024-8818-f4872ff2eb1d
- Clause 52.244-6 (DEV) Guid changed from 64176a8a-1a26-44bc-8e84-b1a01aa6e371 to eecca5f32-c5d7-4ade-b1bf-9724a9ed759b
- Clause 52.252-1 Guid changed from c4360251-95ef-4b86-9399-169da03034f6 to 726ea34e-99f5-457c-9b1a-20bee3f5e4cd
- Clause 52.252-2 Guid changed from e406d0bb-e2ba-4bc5-a368-7c14dc221911 to c1fe5dfe-a4ae-4b98-812b-66d2e710b439
- Clause 52.252-5 Guid changed from 850d644e-0c7e-40d8-96e2-8202ad1d7477 to 47b1ce39-a954-4c87-822d-e40dc9246c01
- Clause 52.252-6 Guid changed from dd6a10c4-87ae-45aa-8d43-c103a2281241 to e54f03e7-151b-4f5f-adf6-d25e7d4338d2
- Clause 852.201-70 Guid changed from b09834c2-0b12-4499-8eec-78e3f0a37313 to 871a91ad-e2e7-4466-8f2d-3115c6a74927
- Clause 852.203-70 Guid changed from 4d2bb0b6-2920-4534-bf6a-1655d7140710 to 12b1fefe-96da-4942-bff2-1c1a5368280c
- Clause 852.219-73 (DEV) Guid changed from 546aa8ae-5254-4fed-8680-e563741d7f33 to c9908509-e425-4d59-9ed6-5b8b819f2a58

- Clause 852.219-75 (DEV) Guid changed from ef65a9f4-3888-4a3b-83f9-11c7b7b5de45 to f4aa4996-18ca-450b-851a-a449db1ff185
- Clause 852.222-71 (DEV) Guid changed from 10ae6471-0b5d-4232-99f7-38f3a81a4f62 to 78369b26-cb1e-4828-8e32-68c6220567a1
- Clause 852.232-72 Guid changed from e508f79b-b670-413d-9362-663cb72da764 to f9e4936b-42ec-4e8b-b65a-3283ef3d7f3f
- Clause 852.233-70 Guid changed from 5962193b-588a-435b-b555-0856911e1c35 to 07319069-f4ee-42db-8e79-c98db961b4b1
- Clause 852.233-71 Guid changed from 81c66889-3c96-484b-9924-97453cb8e1e1 to 089cef41-7605-4922-ab1c-49eb8a8ae1b5
- Clause 852.237-75 Guid changed from 0b2598a5-fb6f-4b33-90a4-9d13968dceef to a7471841-1b54-4fab-acbf-423748d41856
- Clause 852.242-71 Guid changed from aad933b6-d915-453a-9558-dc5a64b834c6 to 3c86855f-8553-47d2-bc7f-ba640313d4c5
- Clause 852.252-70 Guid changed from 0d72b688-b61f-4f7c-a299-dd9c4e4830e8 to 20a71eb7-7312-43ad-95c6-6232d0b0fb18
- Removed

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PERFORMANCE WORK STATEMENT

Grounds Maintenance – Riverside National Cemetery

1. GENERAL INFORMATION:

1.1 DESCRIPTION OF SERVICE: This requirement is a non-personal services contract in which the contractor shall provide all personnel, materials, equipment, and maintenance necessary to ensure that grounds maintenance and improvement services are performed at for Riverside National Cemetery (RNC) located in Riverside, California hereby known as “the Cemetery”. The Government shall not exercise any supervision or control over the contract service providers performing the services herein. Such service providers shall be accountable solely to the Contractor who, in turn, is responsible to the Government.

1.2 BACKGROUND: The Department of Veterans Affairs, National Cemetery Administration, honors Veterans with a final resting place and lasting memorials that commemorate their service to our nation. There are approximately 155 National Cemeteries in 41 states that receive visitors, hold ceremonies and conduct committal services on an ongoing basis. Because of the special significance and attention our National Cemeteries receive from the public, strict adherence to specifications is essential.

Riverside National Cemetery is the largest and busiest cemetery managed by the National Cemetery Administration. It was established in 1976 through the transfer of 740 acres from March Air Force Base, which during World War II was called the U.S. Army's Camp William G. Haan. The cemetery was dedicated and opened for burials on November 11, 1978. An additional 181 acres were transferred by the Air Force in 2003.

The dramatic, meandering landscape features a central boulevard with memorial circles, lakes, indigenous-styled committal shelters, and a memorial amphitheater.

Monuments and Memorials

Riverside National cemetery is home of the Medal of Honor Memorial and one of four sites recognized as a National Medal of Honor Memorial Site. The Medal of Honor Memorial, whose walls feature the names of all medal recipients, is located at the third traffic circle in the cemetery. It was dedicated in 1999.

The Fallen Soldier/Veterans' Memorial, erected in 2000, is dedicated to all service members who gave the ultimate sacrifice for their country. The dramatic bronze structure topped by a lifeless soldier is located near the lake at the entrance to the cemetery.

A carillon was donated by the American Veterans (AMVETS) in 2000.

The Prisoner of War/Missing in Action National Memorial was designated as a national memorial by the U.S. Congress in 2004 through Public Law 108-454. The memorial was dedicated on September 16, 2005. Vietnam veteran Lewis Lee Millett, Jr., sculpted the bronze statue which depicts an American serviceman on his knees with hands bound by his captors. The statue is surrounded by black marble pillars that evoke imprisonment.

The Gold Star Families Monument was dedicated January 28th, 2023. The entry view depicts the centerpiece standing tall in the midst of a five-pointed golden star. The centerpiece features four distinct panels of striking black granite, forming a half crescent, two-sided monument. In the heart of the

centerpiece, a hollow cutout cast the shadow of a hero who is no more; a tribute to the beloved service member who willingly gave up his/her life as a sacred testament to the American values of Life, Liberty, and Freedom. The front of the Gold Star Families Monument has these words in brilliant, raised bronze lettering; "A Tribute To Those Who Made the Ultimate Sacrifice For Our Freedom, And Those They Left Behind."

1.3 OBJECTIVE: The basic service objective is to maintain the cemeteries' esteemed grounds with care resulting in aesthetically pleasing landscape, care for burial sections, and memorial sites to honor those who have served our nation.

1.4 SCOPE OF WORK: The Contractor shall provide all labor, equipment, materials, and supervision of its employees to perform the service requirements under this contract for Riverside National Cemetery. Service requirements include:

- Turf and Grasses Maintenance
- Irrigation System Services
- Pond Services
- Drainage System Maintenance
- Trash & Debris Removal
- Structure Cleaning

1.5 PERIOD OF PERFORMANCE: The contract shall be a twelve (12) month base year plus four (4) twelve-month options if exercised.

1.6 PLACE OF PERFORMANCE:

Riverside National Cemetery (RNC)
Cemetery Address –
22495 Van Buren Blvd. Riverside, CA 92518

1.7 TYPE OF CONTRACT: The Government will award a Firm-Fixed Price (FFP), Indefinite Quantity (IDIQ) contract consisting of services subject to the Service Contract Act (SCA). Multiple task and/or delivery orders incorporating this PWS will be issued based on the Governments requirements, each incorporating SCA or DBA components as applicable to their terms and conditions.

1.8 GENERAL INFORMATION:

1.8.1 QUALITY CONTROL: The Contractor shall develop and maintain an effective quality control program to ensure services are performed in accordance with this PWS. The contractor shall develop and implement procedures to identify, prevent, and ensure non-recurrence of defective services. The Contractor's quality control program is the means by which he assures himself that his work complies with the requirement of the contract. At a minimum, the Contractor shall develop quality control procedures that address the Performance Requirements identified in Quality Assurance Surveillance Plan (QASP). After acceptance of the quality control plan, the Contractor shall receive the contracting officer's acceptance in writing of any proposed change to his QC system. The Quality Control Plan (QCP) shall be submitted with the proposal in draft form. The approved QCP shall be delivered within 30 days after contract award and within five (5) working days following each update. The QCP and any

proposed update is subject to approval by the Contracting Officer prior to implementation. The approved QCP and all updates shall be provided to the Contracting Officer and COR electronically.

- 1.8.2 QUALITY ASSURANCE:** The Government will monitor the Contractor's performance under this contract using the Quality Assurance Surveillance Plan (QASP). All work performed under this contract will be subject to inspection at all times by the Government.
- 1.8.3 PROGRESS MEETINGS:** The Contracting Officer may require the Site Manager to meet with the Contracting Officer, Contracting Officer Representative (COR), and other Government personnel as deemed necessary. Written minutes of such meetings may be recorded by the Government and signed by the Site Manager and the Contracting Officer or COR and distributed within five (5) workdays after the meeting. The Contractor may request a meeting with the Contracting Officer or COR when the Contractor believes such a meeting is necessary. Written minutes of such meetings may be recorded by the Contractor and signed by the Site Manager and the Contracting Officer or COR and distributed within five (5) workdays after the meeting. In either case, if the Contractor does not concur with any portion of the minutes, recorded by the Government or the Contractor, such non-concurrence shall be provided in writing to the Contracting Officer within two (2) calendar days following receipt of the minutes.
- 1.8.4 NORMAL HOURS OF OPERATION:** The Contractor shall perform work during the hours of 8:00 AM – 4:30 PM (local time) Monday through Friday at the Cemetery. Funerals and ceremonies occur regardless of weather conditions. The Contractor is responsible for access to all work areas during these hours. The Cemetery is open to the public daily from sun up to sun down and Memorial Day from 6:00 AM to 7:00 PM. The Government facility may be closed to the public, at times, due to local or national emergencies, administrative closings, or similar Cemetery directed facility closings, as authorized.
- 1.8.5 RECOGNIZED FEDERAL HOLIDAYS:** Work is normally not conducted on Federal holidays unless otherwise authorized by the COR. The following is a list of the Federal holidays:

January	New Year's Day
January	Martin Luther King Jr.'s Birthday
February	Washington's Birthday
May	Memorial Day
June	Juneteenth
July	Independence Day
September	Labor Day
October	Columbus Day
November	Veterans Day
November	Thanksgiving Day

December	Christmas
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When a holiday falls on Sunday, the following Monday will be observed as a Federal Holiday. When a holiday falls on a Saturday, the preceding Friday will be observed as a Federal Holiday by U.S. Government Agencies. Also included would be any day specifically declared by the President of the United States of America as a Federal Holiday.

- 1.8.6 OTHER THAN NORMAL HOURS OF OPERATION:** At the Contractor's request, and with the written permission of the COR, work may also be permitted to be scheduled for weekends and Holidays. The Government must not compensate the Contractor for any alternate work schedules needed for the Contractor to complete all contract work within the specified project duration. No work will be permitted during Memorial Day or Veteran's Day weekend activities. Notwithstanding, if any work under this contract will be required outside of the VA's normal working hours (8:00 a.m. to 4:30 p.m. Monday through Friday), the Contractor must request for a deviation in writing to the COR at least 24 hours in advance.

The contractor shall provide personnel support outside their expected normal hours of operation (4:31 PM – 7:59 AM) as needed, typically including holidays, special events or ceremonies, and during certain weather events, to support the Cemetery mission as authorized by the COR. The Site Manager or the Alternate Site Manager shall be available after normal duty hours or on working holidays to serve as the central point of contact for Contractor *operations*

- 1.8.7 INTERFERENCE WITH GOVERNMENT OPERATIONS:** Performance of work by the Contractor personnel under the terms of this contract shall not interfere with regularly scheduled Government operational activities.
- 1.8.8 SECURITY REQUIREMENTS:** Contractor personnel or any representative of the Contractor entering the Cemetery shall abide by all security rules and regulations. The Contractor shall maintain a current list of all individuals working onsite. The Contractor shall maintain a list of all vehicles onsite, whether company-owned or employee-owned private vehicles.
- 1.8.9 PHYSICAL SECURITY:** The Contractor shall safeguard all Government property provided for Contractor use. At the close of each work period. Government facilities, equipment, and materials shall be secured.
- 1.8.10 CEMETERY ACCESS:** The Contractor shall be responsible for ensuring that all personnel authorized to perform work under this contract obtain cemetery access. Within ten (10) workdays after contract award, the Contractor shall submit to the Contracting Officer and COR the names of ALL personnel working under this contract. Changes of the Contractor personnel list shall be submitted within 24 hours of the change taking place. All Contractor employees shall have on them, at all times, positive, photographic identification.
- 1.8.11 KEY/LOCK CONTROL AND REPORTING:** The Contractor shall be responsible for keys/locks provided by the Government. Keys/locks shall not be duplicated by Contractor personnel, nor used by unauthorized Contractor personnel. The Contractor shall develop and implement procedures to ensure that keys/locks issued to the Contractor by the Government are safeguarded. The Contractor

developed procedures covering key/lock control shall be included in the Quality Control Plan. Such procedures shall include turn-in of any issued keys/locks by personnel who no longer require access to locked areas.

The Contractor shall report any occurrence of duplicated, misplaced, or lost keys/locks to the Contracting Officer and COR within 24 hours after discovery of occurrence and submit a written report to the Contracting Officer by close of business the next workday. The written report shall provide complete details relating to duplication, misplacement, or loss.

In the event a key is duplicated, misplaced, or lost, all locks and keys for that system will be replaced at the discretion of the Government. The Contractor shall reimburse the Government for replacement of locks or rekeying required as a result of keys being duplicated, misplaced, or lost by Contractor or Contractor personnel. The Contractor shall also reimburse the Government for any government property lost or stolen as a result of unauthorized key duplication, misplaced key, or loss of key by the Contractor or Contractor personnel.

The Contractor shall prohibit the use of Government issued keys/codes by any persons other than the designated and authorized Contractor employee. The Contractor shall prohibit the opening of locked areas by Contractor employees to permit entrance of persons other than Contractor employees engaged in the performance of assigned work in those areas, or personnel authorized entrance by the Contracting Officer.

- 1.8.12 *CONSERVATION OF UTILITIES*: The Contractor shall instruct employees in utilities conservation practices. The Contractor shall be responsible for operating under conditions that preclude the waste of utilities, which include turning off the water faucets or valves.
- 1.8.13 *CONTRACTOR PERSONNEL*: The Contractor shall provide a work force possessing the skills, knowledge, and training satisfactorily perform the services required by this contract. Contractor personnel performing work under this work statement shall remain employees of the Contractor and will not be considered employee of the Government.
- 1.8.14 *PESTICIDE AND/OR HERBICIDE APPLICATION*: In addition to providing certification/license information, Contractor shall report applications to the Riverside County Agriculture Commissioners Office when required. All Contractor personnel shall be trained on environmental issues such as ground water contamination, wetland protection, and be consistent and fully compliant with all applicable Federal, State, County and City laws, ordinances, Right-to-Know laws, EPA guidelines, and regulations. The Pesticide Application log is retained by the COR for various inspections.
- 1.8.15 *LAND SURVEY WORK*: Only licensed land surveyors are permitted to reset grid or sectional monuments disturbed during raise & realignment of headstones.
- 1.8.16 *POND MANAGEMENT AND TREATMENT*: A licensed aquatic biologist shall create a pond management plan identifying all maintenance activities and schedule of pond treatment applications throughout the year. Aquatic pesticides must be applied by licensed pesticide applicators in the state of application. Copies of the plan and all licenses shall be provided to the COR prior to initiation of contract and annually when an option year is authorized.

- 1.8.17 **CONFLICT OF INTEREST:** The Contractor shall not employ any person who is an employee of the United States Government, military or civilian, if such employment would create a conflict of interest or be contrary to the policies contained in the Joint Ethics Regulation.
- 1.8.18 **CONDUCT OF PERSONNEL:** The Contracting Officer may require the Contractor to remove from the job site, any employee working under this contract for reasons of misconduct, security, or found to be under the influence of alcohol drugs, or other incapacitating agents. Contractor employees shall be subject to dismissal from the premises upon determination by the Contracting Officer that such action is necessary in the interest of the Government. The removal from the job site or dismissal from the premises shall not relieve the Contractor of the requirement of providing sufficient personnel to perform the services as required by this contract.
- 1.8.19 **SPECIAL QUALIFICATIONS:** The Contractor is responsible for ensuring all employees possess required state motor vehicle licenses for operating equipment and vehicles used in the execution of this contract. Anyone applying pesticides must be trained and certified in the appropriate pesticide applicator categories by the *state of California*. A pesticide technician is not a valid substitute for a state certified applicator. Use of any chemicals shall meet Environmental Protection Agency (EPA) Guidelines and State of California Law for licensed applicator requirements and shall not be used without prior review through a pre-application submittal and consent of the COR.
- 1.8.20 **SITE MANAGER:** The On-site manager must have a minimum of five (5) years' experience as a direct supervisor of commercial Landscape Maintenance/Installation operations and be accredited by the Landscape Contractors Association, or equivalent accreditation program, (e.g., PLANET). They shall speak and write fluent English. Provide licenses/certificates regarding capabilities at time of contract award and annually when an Option Year is exercised. The Contractor must provide the on-site manager with mobile phone(s) and radio(s) (same channel/frequency as the cemetery). The on-site manager must immediately communicate to the COR, by radio, and by cell phone after hours) when an alternate on-site manager has been placed in charge. The Contractor shall provide a Site Manager who shall be responsible for the performance of the work. The Site Manager shall have experience in scope and complexity. Skillset necessary for performing job requirements. The name of this person and an alternate who shall have full authority to act for the Contractor when the Site Manager is absent shall be designated in writing to the Contracting Officer. The alternate Site Manager shall have similar qualifications as the Site Manager, and the alternate can be a key personnel position other than the Site Manager. The Site Manager or alternate shall have full authority to act for the Contractor on all contract matters relating to daily operation of this contract, and either the Site Manager or his/her alternate will be on job site during normal operation hours. The Site Manager – and in his or her absence, an alternate shall be available by phone 24 hours a day, 7 days a week, and shall also have an email address which shall be checked for information from the Cemetery, prior to 7:00am and after 2:00pm each day Monday through Sunday, as the Cemetery anticipates messaging up to twice daily. The Site Manager is to report daily with the COR prior to 7:00am when work is being performed. Additionally, the Site Manager or an alternate must be available to meet the COR onsite within 12 hours' notice, if requested by the COR. Also, the COR must be informed less than 24 hours in advance, anytime the Site Manager will be offsite for extended periods of time. One (1) page

resume and one letter of commitment from the individual proposed for: Site Managersubmitted with proposal. *Add to the source selection*

- 1.8.21 POST AWARD CONFERENCE/PERIOD PROGRESS MEETINGS:** The Contractor agrees to attend any post award conference convened by the Contracting Activity in accordance with Federal Acquisition Regulation Subpart 42.5. The Contracting Officer, COR, and other Government personnel, as appropriate, may meet periodically with the Contractor to review the Contractor's performance. At these meetings, the Contracting Officer will apprise the Contractor of how the Government views the Contractor's performance and the Contractor will apprise the Government of problems, if any, being experienced. Appropriate action shall be taken to resolve outstanding issues. These meetings shall be at no additional cost to the Government.
- 1.8.22 CONTRACTING OFFICER REPRESENTATIVE (COR):** The COR will be nominated by the requiring activity and appointed by the Contracting Officer by separate letter. A copy of the COR's appointment letter will also be sent to the awarded Contractor, identifying the designated duties and limitations of the COR. The COR's designated duties will describe the level of responsibility and what technical or administrative aspects of the contract are to be monitored. The COR's oversight responsibilities are not limited to the QASP. Since all listed contract requirements or tasks are expected to be met by the contractor at all times, the COR is authorized to conduct oversight on any and all tasks or requirement and report observations to the Contracting Officer. The COR is not authorized to change any terms or conditions in the contract that pertain to cost, schedule, performance, quality, quantity, or other legal aspects of the resulting order.
- 1.8.23 IDENTIFICATION OF CONTRACTOR EMPLOYEES:** All Contractor personnel attending meetings and working in other situations where their Contractor status is not obvious to third parties are required to identify themselves as such to avoid creating an impression in the minds of members of the public that they are Government officials. They must also ensure that all documents or reports produced by the Contractor are suitably marked as Contractor products or that Contractor participation is appropriately disclosed.
- 1.8.24 PHASE IN/PHASE OUT:** To minimize any decreases in productivity and to prevent possible negative impacts on additional services, the Contractor shall have personnel on board, during the phase in/phase out periods. The phase in period will begin on the first business day after the contract is awarded. During the phase in period, the Contractor shall become familiar with performance requirement in order to commence full performance of the services on the contract start date, submit lists of employees working under this contract, and move and stage all needed equipment, materials, and supplies onto the designated contractor area at *RNC*. It is expected that this task will take no less than two weeks and no more than four weeks.

2. DEFINITIONS & ACRONYMS

- 2.1 DEFINITIONS:** (See the "Glossary" of the National Cemetery Administration, Operational Standards and Measure Guidebook for a list of cemetery-specific definitions.)
- 2.1.1 Animal:** any living that is not human being or a plant.
- 2.1.2 Backflow Preventer:** A device which prevents any fluid from back-siphoning into the source water such as hydrants, spigots, pipes, or other water sources. Contractor shall ensure such devices are

employed whenever watering, filling water or pesticide mix tanks, or mixing pesticides or any other product with water.

- 2.1.3 **Clean:** Free of all foreign matter.
- 2.1.4 **Cleaning Agents:** Products and substances (usually liquids, pastes, powders, sprays, or granules) used to remove dirt and detritus, including dust, stains, oxidation on surfaces.
- 2.1.5 **Cleaning Equipment:** Devices, tools, and machines designed for specific cleaning tasks, including pads and cloths.
- 2.1.6 **Contract Administrator:** The official Government representative delegated authority by the Contracting Officer to administer a contract. This individual is normally a member of the appropriate Contracting/Procurement career field and advises on all technical contractual matters.
- 2.1.7 **Contracting Officer's Representative (COR):** A representative from the requiring activity appointed by the Contracting Officer to perform surveillance and to act as liaison to the Contractor.
- 2.1.8 **Crown Raising:** The removal of the lower branches of a tree to provide clearance for buildings, signs, vehicles, pedestrians and vistas, also known as "limbing up" and "lifting". Do not "limb up" coniferous trees.
- 2.1.9 **Crown Thinning:** The selective removal of dead, diseased, broken or weakly attached branches (Crown Cleaning) and: the removal of branches to increase light penetration and air movement through the crown; thinning towards the branch tip to reduce the wind-sail effect of foliar clumps in the crown; and thinning to relieve the weight of heavy limbs. Only 25 percent of a tree's leaf area can be removed at any one time.
- 2.1.10 **Crown Cleaning:** The selective removal of dead, diseased, broken or weakly attached branches. This constitutes regular landscape maintenance pruning that will correct small growth problems before they become larger, more costly problems.
- 2.1.11 **Crown Reduction:** Pruning to reduce the size of the tree.
- 2.1.12 **Cycle:** The completion on one unit of work, from beginning to end, that involves a give distance or length of time (For example, picking up all trash once a week, or an edging of all curbs along all Cemetery roads).
- 2.1.13 **Deadwood Pruning:** Pruning to remove deadwood and/or broken branches that pose a potential risk that could result in personal injury or property damage. This category is used for any tree with broken, hanging, dead, or otherwise potentially dangerous limbs or those trees with a significant number of dead branches that require removal.
- 2.1.14 **Decomposed Granite:** Fine, crushed, screened, naturally friable granite rock, 1/4-inch minus material to match existing. Gradation as determined by ASTM C 136 with 50 to 100 percent passing the No. 4 sieve, with 5 to 18 percent passing the No. 200 sieve. Approved material: 'Gail's Gold' decomposed granite as available from Gail Materials, Tel.: (951)667-6106; (or equivalent material as approved by the COR).
- 2.1.15 **Defective Service:** A service output that does not meet the standard of performance associated with it in the PWS.
- 2.1.16 **Deliverable:** Anything that can be physically delivered but may include non-manufactured things such as meeting minutes or reports.
- 2.1.17 **Drip Zone Assembly:** Assembly consisting of remote-control valve, drip filter, drip pressure regulator, unions, shut-off valve, nipples, pipe, and valve box or vault.
- 2.1.18 **Evapotranspiration:** The combined loss of water from soil through evaporation and plant transpiration.

- 2.1.19 **First Interment Area:** Areas within the burial sections where the government is actively assigning new gravesites and conducting new interments.
- 2.1.20 **Foreign Matter:** Dirt, marks, stains which can be removed with reasonable cleaning effort and appropriate cleaning agents and equipment. Feces of all types.
- 2.1.21 **Full Sun Areas:** Areas receiving more than 5 hours of direct sunlight per day.
- 2.1.22 **Government Furnished Equipment (GFE):** Equipment in the possession of, or directly acquired by, the Government and subsequently made available to the Contractor.
- 2.1.23 **Government Furnished Property (GFP) or Government Property (GP):** Property in the possession of, or directly acquired by, the Government and subsequently made available to the Contractor.
- 2.1.24 **Ground cover:** Low growing plants growing over an area of ground. Ground covers include grasses, shrubs, and herbaceous plants.
- 2.1.25 **Grounds and Boundaries:** All developed land including turf, walks, beds, planter beds, drainage ditches, roads, steps, plazas, and parking lots within the property line of the Cemetery.
- 2.1.26 **Headstone:** including upright headstones and flat markers. The term headstone is synonymous with marker.
- 2.1.27 **“Hot Spot”:** An isolated patch of turf as evident by dry soil, hydrophobic soil, and brownish or yellowing leaf color.
- 2.1.28 **Inorganic Mulch:** Decomposed granite, path fines, gravel, pebbles, cobblestones, rip-rap, boulders, artificial bark mulch.
- 2.1.29 **Irrigated Turf:** Lawn that has permanent irrigation system installed.
- 2.1.30 **Healthy Turf:** turf that is predominately green, dense, and uniform in appearance, free of widespread discoloration, bare areas, weeds, disease, or pest damage, and maintained at the required height of cut.
- 2.1.31 **Height of Turf:** Height, if not readily obvious, shall be determined by the COR (in the presence of the Site Manager) by measuring the height of the turf plants with a yardstick in four locations – randomly selected by the COR – within the burial section or Highly Prominent area in question. The COR will then determine the average height of those measurements.
- 2.1.32 **Irrigation Hours:** Period of time during which landscape irrigation is permissible and does not interfere with visitation and cemetery operations; typically between 4:30pm and 8:00am.
- 2.1.33 **Master Valves:** Mainline remote control valves controlling flow of water to mains. Master valves may be normally-open supplying water under pressure to mains, or normally-closed shutting off water under pressure to mains when not irrigating.
- 2.1.34 **Mulch Bed:** Any area containing primarily organic and/or inorganic mulches.
- 2.1.35 **Non-irrigated Turf:** Low Maintenance Lawn, Slow-Growth Area, “Green” Burial Section. Lawn that does not have a permanent irrigation system installed and is allowed to go dormant during extremes of heat and cold.
- 2.1.36 **Non-pressure Piping:** Lateral line pipe that is not under water pressure until the control valves are opened. Pipe that is typically downstream of the control valve.
- 2.1.37 **Organic Mulch:** Decorative tree bark, compost, nut shells.
- 2.1.38 **Part Sun Areas:** Areas receiving less than 5 hours of direct sunlight per day normally due to shade from tree canopies.
- 2.1.39 **Pest:** Any plant or animal detrimental to humans or human concerns including weeds, fungi, molds, vertebrates, and invertebrates.

- 2.1.1.40 **Pesticide:** Includes herbicides, insecticides, horticultural oils, fungicides, poisonous baits, and fumigants.
- 2.1.1.41 **Planting Bed:** Any area planted with trees, shrubs, and ground covers.
- 2.1.1.42 **Posting Signs:** Industry standard warning signs stating that a pesticide application has been applied.
- 2.1.1.43 **Performance Work Statement:** The PWS is a detailed set of verifiable performance or quality standards for everything the Contractor is required to perform or produce. Performance-based statements of work (referred to as a PWS) are the preferred method of stating needs in terms of performance outputs. A performance-based work statement structures all aspects of an acquisition around the purpose of the work to be performed and does not dictate how the work is to be accomplished. It maximizes Contractor control of work processes and allows for innovation in approaching various work requirements.
- 2.1.1.44 **Pressure Piping:** Mainline and submain pipe that is constantly under water pressure. Pipe that is typically upstream of the control valve.
- 2.1.1.45 **Outlets:** Sprinkler heads, drip emitters, drip flush valves, drip air relief valves, including pipe risers and swing joints.
- 2.1.1.46 **Polished:** Smooth and shiny as a result of being rubbed. Free of oxidation.
- 2.1.1.47 **Quality Assurance Surveillance Plan (QASP):** An organized written document specifying the surveillance methodology to be used for surveillance of Contractor performance.
- 2.1.1.48 **Quality Assurance:** A procedure or set of procedures taken by the Government to ensure that services under development (before work is complete, as opposed to afterwards) meets specified requirements of the PWS.
- 2.1.1.49 **Quality Control:** A procedure or set of procedures implemented by the Contractor to ensure that the performed service adheres to and meets the requirements of the PWS.
- 2.1.1.50 **Reasonable Cleaning Effort:** Commercially reasonable amount of time and expenditure of physical effort needed to clean an element utilizing commercially available equipment and products designed specifically for that task.
- 2.1.1.51 **Remote Control Valve Assembly:** Assembly consisting of remote-control valve, unions, shut-off valve, nipples, pipe, and valve box or vault.
- 2.1.1.52 **Removal:** The transport of identified material, such as trash and debris, from the area it was found to a place of final repository – such as a dumpster or off the Cemetery grounds.
- 2.1.1.53 **Routine Pruning:** Regular maintenance to reduce the development of future problems or correct minor problems that could increase if not corrected. This primarily includes trees with minor amounts of deadwood less than two inches in diameter or with correctable structural problems. Trees with growth patterns that will eventually obstruct or interfere with understory plant growth and health, pedestrian or vehicular traffic clearance, and lines of sight are also included in this category.
- 2.1.1.54 **RTF:** Rhizomatous Tall Fescue. Turf-type tall fescue which produces rhizomes, underground stems that penetrates laterally through the soil to spread the plant while sending shoots up to the soil surface, forming a new plant.
- 2.1.1.55 **Submaster Valves:** Submain remote control valves controlling flow of water to submains. Master valves may be normally-open supplying water under pressure to submains, or normally closed shutting off water under pressure to mains when not irrigating.
- 2.1.1.56 **Training Pruning:** Prune young or small trees less than 20 feet in height in order to reduce the development of future structural problems. Trees with growth patterns that will eventually obstruct

or interfere with understory plant growth and health, pedestrian or vehicular traffic clearance, and lines- of-sight are also included in this category.

- 2.1.57 Stabilizer:** A water-based polymer or organic powdered binder solidifying emulsion specifically manufactured to harden decomposed granite. The solidifying emulsion shall not alter the gravel color. A copy of the manufacturer's product sheets and instructions for application shall be furnished to the COR for approval.
- 2.1.58 Topsoil:** ASTM D 5268; natural or cultivated surface-soil layer containing organic matter and sand, silt, and clay particles, conforming to USDA classification for Loam or Sandy Loam; friable, pervious, and compatible in texture with the existing soil to prevent a perched water table; ECe less than 3 mmhos/cm; a minimum of 2 percent/maximum of 10 percent organic material content; pH range between 6 and 8; reasonably free of subsoil, clay lumps, gravel, rocks and other objects more than 13 mm (1/2-inch) in any dimension; and free of weeds, roots, and other extraneous materials harmful to plant growth.
- 2.1.59 Trash and Debris:** Any item, material or foreign object not permanently attached to or planted within the grounds and boundaries. Items include – but are not limited to – fallen twigs and branches that are under ten (10) inches in diameter at their widest point, paper products, cigarette butts, glass and metal products, plastic and any other synthetic item, plus loose rock, leaves, needles, flowers, seedpods, twigs, branches of all sizes, feces, paper products, cigarette butts, gum, and stone over two inches (2") in diameter or greater that are not the apparent result of an interment within the past 30 days. Not included are stains, loose soil, smaller stones, or leaves. Exception: Loose soil, smaller stones and leaves are included when part of blowing off a roadway or walk, and when performing a clean-up prior to a major ceremony.
- 2.1.60 Turf:** Turfgrass, grass, lawn. Any ground cover consisting primary of cultivated turfgrass species, such as perennial ryegrass and tall fescue.
- 2.1.61 Valves:** Backflow prevention devices, isolation valves, pressure regulating valves, automatic valves, hydrometers, master valves, air and vacuum release valves, remote control valves, blow-off valves, hose bibs, quick couplers.
- 2.1.62 Vegetation:** All plant material including weeds.
- 2.1.63 Weed:** Any non-desirable plant material, including escaped and invasive ornamental plants
- 2.1.64 Wildflowers:** Annual and perennial flowering ground cover plants grown by sowing seeds.
- 2.1.65 Windrows of Turf Clippings:** Any accumulation of turf clippings which cover or block sunlight from reaching the newly mowed or trimmed turf area.

2.2 ACRONYMS:

AM	ante meridiem
CO	Contracting Officer
COR	Contracting Officer Representative
EMS	Environmental Management System
e.g.	for example
EA	Each
FY	Fiscal Year
IAW	In accordance with
i.e.	that is
IPM	Integrated Pest Management
JB	Job
JER	Joint Ethics Regulation
lbs	pounds

LMR	Land Mobile Radio
MO	Months
mph	miles per hour
NCA	National Cemetery Administration
NIOSH	National Institute of Occupational Safety and Health
OSHA	Occupational Safety and Health Act
OPT	Option
PWS	Performance Work Statement
PM	post meridiem
QTY	Quantity
QC	Quality Control
QASP	Quality Assurance Surveillance Plan
SSD	Security and Safety Directorate
SWPP	Stormwater Pollution Prevention Plan
SF	Square Feet
TE	Technical Exhibit
VA	Department of Veteran's Affairs

3. GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, AND SERVICES

- 3.1 **GENERAL INFORMATION:** The Government will provide the property and services listed below. The Contractor shall not use the property or services provided by the Government for any purpose other than in the performance of this contract. All requests for Government furnished property and services shall be approved by the COR and Contracting Officer in writing.
- 3.2 **FACILITIES:** The Government shall furnish a parking and staging area for vehicles and equipment with no guarantee of security for the designated area or any assurances of utilities or phone lines. A temporary storage area for tree branches, sticks, and leaves will be provided. Maintenance of equipment must be conducted offsite (no hazardous materials), unless light routine repairs are needed, such as changing flat tires, blade sharpening, etc.
- 3.3 **EQUIPMENT:** The Government will provide a roll-off dumpster for trash only.
- 3.4 **UTILITIES:** Water will be available at various areas as designated by the COR through in-ground water sources throughout the cemetery. Electric, gas, or phone lines are not guaranteed for the Contractor in designated staging areas. The Contractor shall instruct its employees in utilities conversation practices. The Contractor shall be responsible for operating under conditions that preclude the waste of utilities.
- 3.5 **FLORAL VASES:** Floral vases for public use and stocking by the Contractor.

4. CONTRACTOR FURNISHED ITEMS, SERVICES & REQUIREMENTS

- 4.1 **GENERAL INFORMATION:** The Contractor shall furnish all supplies, equipment, facilities, and services required to perform work under this contract that are not listed under Section 3 of this PWS. The Contractor shall also provide transportation and permits necessary to perform the requirements of this contract. This includes having roll-off dumpsters for trash and debris removal, and soil removal will be at RNC's spoils.
- 4.1.1 **EQUIPMENT GUIDELINES:** The Contractor's equipment shall be commercial grade equipped with protective and safety features that is in good repair, and clean. The Contractor shall submit, to the

Contracting Officer, and equipment list which includes, but is not limited to, quantities and descriptive data for all equipment prior to its use on CEMETERY grounds. The Contractor shall inform the Contracting Officer, in writing, of any equipment list changes prior to implementing the changes. The equipment and supplies the Contractor uses shall not cause damage to ground areas, headstones, monuments, walkways, trees, or any other part of the landscape. The Contractor shall take preventative measures when entering soft grounds with equipment, such as the use of boards, to prevent ruts.

4.1.2 COMPREHENSIVE GROUNDS MANAGEMENT PLAN: An initial Grounds Management Plan (GMP) shall be submitted in draft form with bid proposal to contracting officer. An additional comprehensive Grounds Management Plan shall be submitted to the COR within 30 workdays following contract award. The GMP shall identify every task, frequency, and planned duration required under this contract. Changes to the plan must be approved by the COR prior to implementation and prior to any updates. Pesticide and fertilizer applications must include a legend indicating the specific product, application rate (quantity and active ingredient per acre or 1000 square feet).

4.1.3 WEEKLY WORK PLAN: Weekly electronic notification to the COR Team outlining the work planned during the following workweek no later than noon on the final workday of each week. The plan shall include sufficient detail by day and area to allow meaningful quality control by the Contractor and quality assurance by the COR Team.

4.1.4 COMPLETED WORK REPORT: Weekly electronic notification to the COR Team detailing what work was completed during the workweek no later than 3:00 p.m., on the final workday of each week. The report will detail all work completed, by day and area during the week, including specifics regarding marker settings, alignments, et cetera.

4.1.5 PESTICIDE DISPERSAL EQUIPMENT: The Contractor shall furnish pesticide dispersal equipment without visible deterioration or leaks in any component and shall operate the equipment IAW the manufacturer's recommendations. All pesticide tanks of powered dispersal equipment shall be clearly and plainly labeled "Contaminated with Pesticides." All tanks of powered pesticide equipment dispersal equipment shall also have a license decal that is attached in a conspicuous location and contains an identification number and the name of the issuing agency.

4.1.6 COMPOST, SOIL AMENDMENTS, FERTILIZER LIST: A list of all proposed compost, soil amendments, fertilizers with the proposal and the following samples and/or reports for review and approval by the COR and Pacific District Engineers within ten (10) workdays after contract award. Changes must be approved by the COR prior to use.

4.1.7 VEHICLES: The Contractor shall provide vehicles for the performance of services on this contract. Contractor and Contractor employees shall abide by all speed limitations while operating a vehicle at the Cemetery. The speed limit at the Cemetery is 15 mph on cemetery roads and 10 mph when passing pedestrians. The Contractor shall be responsible for all maintenance and repair of Contractor furnished vehicles.

4.1.8 VEHICLE SAFETY EQUIPMENT: Contractor vehicles used to transport herbicides shall house a National Institute of Occupational Safety and Health (NIOSH) approved spill and decontamination kit and shall be equipped with a fire extinguisher which has an ABC rating with minimum capacity of pounds.

4.1.9 COMMUNICATION DEVICES: The Key Personnel and vehicle drivers shall have radios turned on during normal operating hours as to be available to communicate with the COR at any time. Any employees

performing outside of normal operating hours (as authorized by the COR) shall also be available to communicate during those times. The Contractor shall be available by mobile phone 24 hours a day, 7 days a week in the event they need to be contacted regarding an emergency, significant weather event, etc. All cost related to providing wireless communication devices are the responsibility of the Contractor.

4.1.10 STANDARDS OF EMPLOYEE CONDUCT & VA REGULATIONS: Contractor and contractor personnel shall be required to adhere to the following standards of dress and conduct while performing work in the National Cemetery. These standards and regulations are enforceable under Title 38, U.S.C. Section 218. Contractor, and all contractor personnel, shall follow all US Department of Veterans Affairs, National Cemetery Administration, and RNC National Cemetery *environmental* protection standards, policies and procedures, including, but not limited to, the NCA Environmental Management System and Green Purchasing policies.

Contractor and contractor's employees shall wear uniforms displaying the name of the company, the employee's name, and status. Outer wear (including jackets, coats, hats, rain gear, etc.) must also comply with above. Contractor's employees shall be fully clothed at all times, to include long slacks or pants and shirt, buttoned up from neck to waist. Clothing shall be clean each day. Any soiled clothing should be cemetery work-related that day. T-shirts and/or tank tops as outer garments are prohibited. Garments displaying a "message" or "slogan" other than the Contractor's business attire are prohibited. Other clothing in question shall require the Director's written approval.

Contractor and contractor employees will maintain personal hygiene. Shoes/boots will have no holes or loose soles. Steel-toed shoes will be required in accordance with OSHA. All required uniforms and personal protective equipment will be provided by the Contractor-to-contractor personnel.

Contractor and contractor personnel shall show proper reverence during committal service and other cemetery ceremonies. Contractor and contractor personnel shall not engage in loud or boisterous behavior, use profane or abusive language nor use personal radios. Due to the sensitive mission of the Cemetery, Contractor and Contractor employees shall exercise courtesy and respect while within the cemetery. If inquiries are received from visitors, they are to assist visitors to the best of their ability.

Possession of weapons is prohibited. Enclosed containers, including tool kits, shall be subject to search. Violations of VA regulations may result in citation answerable in the United States (Federal) District Court, not a local district, state, or municipal court.

4.1.11 HANDLING OF HEADSTONES: Every action by contractor personnel at a national cemetery must be performed with the special care, reverence, dignity, and respect that acknowledge the cemetery as the final resting place that commemorates the service and sacrifice that service members, Veterans and their families made for our Nation. Critically important is the awareness required of the Contractor employees of the remains buried in the grounds where the work is performed. The utmost care must be given to these remains and the headstones and flat grave markers that mark those gravesites and memorialize the service of individuals. Contractor personnel cannot walk, stand, lean, sit or jump on headstones or markers, nor shall the wheels/tracks of any Contractor vehicle ever drive over them.

No tools, equipment or other items will be placed or leaned on headstones or markers.

4.1.12 USE OF CEMETERY FACILITIES: The Government will not be responsible for any loss, damage, or theft of contractor items. Contractor shall be responsible for acceptable standards of housekeeping and

custodial maintenance of Department of Veterans Affairs' facilities used by contractor's employees that are acceptable to the COR and in accordance with National Cemetery Administration Operational Standards and Measures (Version 5.1, July 2014 or the most current version).

All contractor personnel operating motorized vehicles/equipment on government property must possess a valid state driver's license. Contractor and contractor personnel may park privately owned vehicles in the area designated for parking by the COR. It is the responsibility of the Contractor to ensure his employees park in the appropriate designated parking areas. The Cemetery will not invalidate or make reimbursement for parking violations of the Contractor or contractor's personnel under any circumstances. The Government is not responsible for any damage, theft or vandalism to privately owned vehicles parked on cemetery property. All Contractor employees park on cemetery property at their own risk. The Contractor shall observe all traffic, parking, directional signs and regulations when using the cemetery's roadways. The Cemetery will not invalidate or make reimbursement for parking violations of the Contractor's employees under any conditions.

4.1.13 STORAGE FACILITIES: The Government will not furnish any building(s) at the cemetery site for use by the Contractor to store supplies, equipment, etc. The Government will provide the Contractor with a fenced storage yard to store supplies, tools and equipment directly related to the implementation of this contract. However, the Government will not be responsible for any damage to or loss of the Contractor's equipment and supplies, or items belonging to Contractor's personnel stored on the Government's premises. The Contractor shall provide any storage buildings/lockers at their own expense. Storage buildings/lockers shall be in presentable condition. Conex boxes shall be painted to blend into the natural landscape. Equipment and supplies stored by the Contractor shall be maintained in a neat and orderly fashion.

4.1.14 RESTROOMS: Contractor and contractor employees shall not be allowed to use cemetery staff or public restrooms. Contractor must provide adequate, COR- approved, restroom facilities for their personnel. A septic system hook-up is available for a contractor-provided office trailer as approved by the COR. Contractor shall be fully responsible for maintenance and repairs to septic system and leach fields if used for their benefit.

4.1.15 MATERIALS STORAGE AREA: The Government will provide the Contractor with two materials storage bays for use in storing materials (e.g., decomposed granite, crusher waste.) Other landscape materials (compost, mulch, topsoil, sand, gravel, etc.) may be stored within the Contractor's fenced storage yard as approved by the COR. The contractor is responsible for Stormwater Pollution Prevention Plan (SWPP) and erosion prevention control measures related to the stockpiling of these materials in accordance with local, state and federal regulations.

4.1.16 HAZARDOUS MATERIALS STORAGE: The Contractor shall request the approval of the COR if the Contractor desires to store any hazardous materials at the Cemetery. If approval is granted the Contractor is responsible for safely storing any chemicals, pesticides, herbicides, cleaning solutions, flammable materials, etc. on site in properly ventilated hazardous materials lockers in accordance with all federal, state and county laws and regulations and manufacturers' recommendations. Each locker shall be rated for the storage of the specific material(s) housed inside and shall be Cal-OSHA compliant. The lockers are subject to inspection by NCA, federal, state and local authorities. Items stored within the lockers shall be maintained in a neat and orderly fashion.

The Contractor shall provide, as part of their offer, a list of tools and equipment to be used during the course of the contract, for the approval of the Government. Final equipment list shall be submitted ten (10) days after contract award, and every year thereafter, the Contractor shall verify in writing that this equipment is in safe operating condition. The Contractor shall comply with all Federal, State, City, County, and local laws and regulations regarding the use of Personal Protective Equipment (PPE) for all contract personnel. All Personal Protective Equipment is provided by the Contractor.

The Contractor shall be responsible for maintaining fire extinguishers and other safety equipment. SDS or Safety Data Sheets (formerly known as MSDS or Material Safety Data Sheets) are required for all chemicals, pesticides, herbicides and cleaning solutions. The Contractor shall provide master file of SDS sheets to the COR. The contractor shall also maintain a file of all SDS sheets wherever these materials are stored. Should the storage yard should become unusable, the Contractor will be given a minimum of 60 days to find storage off the cemetery grounds. The Contractor shall then be responsible for delivering and removing all necessary equipment and supplies on a daily basis. Inability to use the storage yard will in no way alter the contract.

4.1.17 CELL PHONE USAGE: Contractor's personnel should refrain from using cell phones for non-contract work related business while in public areas. This includes, but is not limited to, calls, texting, and internet related functions. Any cell phone use while operating vehicles/equipment is strictly prohibited. The use of headphones/ear buds by Contractor and Contractor's personnel is prohibited.

4.1.18 INSPECTION OF CEMETERY FACILITIES: The Contractor shall perform no less than weekly inspections of the entire cemetery to ensure that National Shrine Standards are met. During this inspection, any deficiencies noted within the scope of the contract will be corrected as soon as practicable. Items that need correcting outside the scope of the contract will be reported to the Contracting Officer or COR. The Contractor will be required to submit inspection reports and work accomplished to the COR weekly on Fridays. The inspection forms will be provided to the Contractor by the COR.

4.1.19 SAFETY AND TRAINING: The Contractor shall also be responsible for training and safety precautions for Contractor employees performing work under these specifications. OSHA standards shall be observed by the Contractor in all work performed. Appropriate safety equipment shall be furnished by the Contractor to Contractor personnel and shall be used as prescribed by OSHA standards, including hard hats, safety shoes, safety glasses, gloves and hearing protection devices. The following OSHA and NFPA standards and codes are to be adhered to: National Fire Protection Association (NFPA): 10-1998 Standard for Portable Fire Extinguishers. Occupational Safety and Health Administration (OSHA) 29 CFR 1910 Safety and Health Regulations for Personal Protection, Safety Color Codes, Portable Power Tools, Electrical Safety and Portable Electric Equipment. Contractor should maintain free and unobstructed access to facility emergency services and for fire, police and other emergency response forces in accordance with NFPA 241.

The Contractor shall be fully licensed to purchase and apply pesticides as required by Federal, State, City, and County, laws and regulations. The Contractor shall fully comply with all applicable Federal, State, City, and County, laws and regulations. The Contractor shall provide, as part of their offer, a list of tools and equipment to be used during the course of the contract. The Contractor shall verify in writing that this equipment is in safe operating condition.

The Contractor shall comply with all Federal, State, City, and County regulations regarding the use of Personal Protective Equipment (PPE) for all contract personnel. All Personal Protective Equipment is

provided by the Contractor. Contractor's employees shall wear all required safety equipment such as goggles or face shield, hearing protection, hard hats, respirators, if required, and uniforms identifying them as an employee of the Contractor. The Contractor shall be responsible for providing and maintaining fire extinguishers, and other safety equipment for Spill Prevention Control Countermeasures (SPCC). Contractor shall have a Spill Control and Countermeasure Plan (SCCP).

Contractor shall be responsible for maintaining a hazardous chemical list for all chemicals entering the Cemetery. The Contractor must keep all employee training records on site and available for review by the COR. SDS (Material Safety Data Sheets) are required on-site for all chemicals, pesticides, herbicides, and cleaning solutions. Contractor shall be responsible for maintaining monthly fuel tank inspection reports and shall have records available for review by local authorities during site safety inspections. The Contractor shall be responsible for training and safety precautions prescribed by OSHA standards.

The Contractor shall be responsible for safely storing any chemicals, pesticides, herbicides, cleaning solutions, and other hazardous materials in accordance with manufacturers printed instructions. Contractor shall maintain a binder with SDS (Safety Data Sheets) for all chemicals, pesticides, herbicides and cleaning solutions stored and used on site stored in the maintenance area with telephone numbers of poison control centers to call in case of an accident. The Governments Environmental Management System Coordinator will make periodic inspection on the storage of hazardous chemicals, etc. Contractor shall take corrective action immediately to remedy any deficiencies with safeguards to protect personnel and the environment.

4.1.20 PROTECTION & CLEAN UP: The Contractor shall leave all work areas free of debris and in the same condition as before the work commenced. The Contractor shall take all necessary precautions to protect monuments, headstones, markers, vegetation, and structures as appropriate, in the immediate work area(s). The Contractor shall not use any herbicide in either granular or liquid form that will stain or discolor any headstones and will notify the COR of all materials scheduled for use on mineral mulch before any application. Contractor shall be responsible for cleaning cemetery structures, headstones, monuments, and roadways that are soiled or stained because of Contractor's performance. The Contractor shall wash-down with water all soiled or stained structures, headstones, and monuments at the end of each workday. No unapproved hazardous chemicals are to be used at any time on Government property. The Contractor shall bear all costs associated with washing and cleaning. Any such washing/cleaning shall be brought to the immediate attention of the Contracting Officer Representative (COR) prior to washing/cleaning. Depending on the culture of the decedent and the community surrounding the cemetery, there are other considerations to remember prior to removing donated items from individual gravesites:

4.1.21 Never remove the coin on the decedent's birthday (relevant for Orthodox Jews, most American Indian and Muslim tribes, and others).

4.1.22 As the coin is removed to preserve the granite/marble, press it against the monument and slide it all the way down the front and allow it to gently descend onto the turf/aggregate, then remove it.

4.1.23 Upon removal, all coins shall be promptly transferred to the Contracting Officer's Representative (COR).

4.1.24 MAINTENANCE DURING CEMETERY FUNCTIONS: The Contractor shall coordinate a work schedule with the COR(s) daily to ensure that no work is being performed at the immediate site of a scheduled interment. These daily meetings are also an opportunity for the Contractor to ask questions and ensure

he/she understands the off-limit areas, which may vary, depending on the event. The Contractor is solely responsible for ensuring that no contract work causes any funeral, service, ceremony, procession or visitation to be delayed, altered, or otherwise impacted in such a way that the dignity or security of the event is compromised. The Contractor is solely responsible for staying abreast of all such upcoming events and when in doubt, he/she must ask the COR(s) for information/details.

The Contractor shall meet with the COR at the end of each day to determine work completed and ensure that work is on schedule. In the absence of the COR, the Contractor shall meet with an Alternate COR.

Contractor personnel shall not operate motorized equipment or conduct other commercial activities within the designated area during interment services. The COR will set the designated area. The COR or his/her representative shall furnish the Contractor with a schedule of all interments and/or ceremonies no later than 8:30 am on the date of the scheduled interment, and a minimum of three (3) days before any ceremonial events.

Note: *To cause the least possible interference with cemetery activities, contract personnel will stop (cease) all work in areas where burials are taking place. As a general "rule-of-thumb", work shall not take place within 1,000 feet of an ongoing committal service or ceremony. The Site Manager shall re-direct work throughout the rest of the Cemetery so that productive use of labor and equipment is assured, and downtime is avoided. If the Contractor fails to re-direct employees away from an event in a timely fashion, the COR may then do so.*

4.1.25 PERFORMANCE EVALUATION MEETING: The issuance of a Contract Discrepancy Report (CDR) may be cause for the scheduling of a meeting among the Contractor, Contracting Officer, and the COR to evaluate Contractor performance of the contract. A mutual effort will be made to resolve all problems identified. The Government will prepare written minutes of the meeting. The Contractor, Contracting Officer, and the COR will sign minutes of the meeting(s). Minutes of the meeting (s) will be signed by the Contractor, Contracting Officer, and the Contracting Officer Technical Representative. Should the Contractor not concur with the meeting minutes, he/she will state in writing to the Contracting Officer within ten calendar days any areas he/she does not concur and explain the reasons for non-concurrence. The Contracting Officer will review and consider the reasons submitted for the Contractor's non- concurrence and make a decision. The Contracting Officer will notify the Contractor of the decision in writing within ten calendar days.

4.1.26 ACTIONS: Normally, the COR will verbally advise or give a written inspection report to the Contractor of discrepancies the first time they occur and ask the Contractor to correct the problem. A notation will be made on the COR checklist of the date and the time the deficiency was discovered and the date and time the Contractor was notified.

When the Contractor is not meeting the limits of satisfactory performance, a CDR will be issued to the Contractor. The seriousness of the failures should govern whether to issue CDR at the end of the period, or as soon as the limits of satisfactory performance are exceeded.

4.1.27 SUPERINTENDENT & CREW FOREMAN: The Contractor shall provide a superintendent and a crew foreman who shall each have a minimum of two (2) years' experience as a direct supervisor of commercial Landscape Maintenance/Construction operations. Both the superintendent and the crew foreman shall speak fluent English. The superintendent and/or the crew foreman shall be on-site at all times.

The superintendent will be responsible for the following: Directing, overseeing, and coordinating the work involved on a daily basis in accordance with this Performance Work Statement, the daily Interment Schedule, and the Cemetery Grounds Management Plan. Staying abreast of all upcoming cemetery functions including special holiday events, burial activities and floral regulations. Ensuring that grounds maintenance work does not cause any burial, committal service, ceremony, funeral procession or visitation to be delayed, altered, or otherwise impacted in such a way that the dignity, security, or safety of the event or visit is compromised.

4.1.28 CHANGES TO THE PERFORMANCE WORK STATEMENT: Any changes to this Performance Work Statement shall be authorized and approved only through written correspondence from the Contracting Officer. The Contractor shall contact the Contracting Officer on all matters pertaining to administration. Only the Contracting Officer is authorized to make commitments or issue changes, which will affect the price, quantity, or delivery terms of this contract. A copy of each change will be kept in a project folder along with other products of the project. Costs incurred by the contractor through the actions of parties other than the Contracting Officer shall be borne by the contractor.

4.1.29 COMMUNICATION & COORDINATION OF WORK WITH COR: Communication with the COR is strongly encouraged. Burial activities shall take precedence over grounds maintenance activities. Work activity and noise other than that required for the interment services cannot disturb burial ceremony. Trucks and workmen are prohibited from passing through the service area during this period. During the burial section grooming process, the crew foreman shall communicate daily with COR, to ask questions and ensure he/she understands the off-limit areas, which will vary depending upon event.

5. SPECIFIC CONTRACTOR TASKS AND ASSOCIATED DELIVERABLES

5.1 BASIC SERVICES: The Contractor shall provide all labor, equipment, materials (unless otherwise specified), and supervision of its employees to perform turf and grounds maintenance and improvement services. Compile and submit a detailed Grounds Management Plan (GMP) within the first 30 workdays following contract award. The Contractor may be asked to provide a quote from time to time. All quotes shall be detailed, itemizing materials and labor. There is no guarantee the Contractor will perform any of the repairs they recommend or quote. Services required include: Turf & Grasses Maintenance; Irrigation System Services; Pond Services; Drainage System Maintenance; Trash & Debris Removal, Grass Seed: Turf-Type Tall Fescue (Supply Only), Holganix Organic Solution Bio800+Lawn and Blue Sky (Supply Only), and 93% Sulfuric Acid (Supply Only); in accordance with National Cemetery Administration (NCA) Standards. NCA Standards shall control and supersede any inconsistency, conflict, or ambiguity with PCD Operating Procedures.

5.2 TURF & GRASS MAINTENANCE

CLIN 0001 – Turfs and Grass Maintenance – Qty 12 Months

Subject to SCA and Commercial Provisions/Clauses

CLIN 0002 – Pest Control - Qty 12 Months

Subject to SCA and Commercial Provisions/Clauses

General Requirements:

- Turf Renovation

- Turf Maintenance – Fertilization
- Turf Maintenance – Pest Control
- Turf Maintenance – Mowing, Trimming & Edging

5.2.1 TURF RENOVATION

- 5.2.1.1 Work consists of ground preparation and sodding of areas of the cemetery where the turf is thin, has died, has become infested, or otherwise is in need of renovation. (See Appendix for approximate square-feet of turf that will need renovation each year.)

The Contractor must be responsible for the removal and disposal of any weeds, dead turf, and must use quality topsoil and compost in performance of the sodding.

All newly dug or refilled graves must be re-planted with turf by sod.

5.2.2 DEFINITIONS:

- 5.2.2.1 **Turf:** Turfgrass, grass, lawn. Any ground cover consisting primary of cultivated turfgrass species, such as perennial ryegrass and fescue.
- 5.2.2.2 **Irrigated Turf:** Lawn that has permanent irrigation system installed.
- 5.2.2.3 **Non-irrigated Turf:** Low Maintenance Lawn, Slow-Growth Area, “Green” Burial Section. Lawn that does not have a permanent irrigation system installed and is allowed to go dormant during extremes of heat and cold.
- 5.2.2.4 **RTF:** Rhizomatous Tall Fescue. Turf-type tall fescue which produces rhizomes, underground stems that penetrates laterally through the soil to spread the plant while sending shoots up to the soil surface, forming a new plant.
- 5.2.2.5 **Full Sun Areas:** Areas receiving more than 5 hours of direct sunlight per day.
- 5.2.2.6 **Part Sun Areas:** Areas receiving less than 5 hours of direct sunlight per day normally due to shade from tree canopies.
- 5.2.2.7 **Topsoil:** ASTM D 5268; natural or cultivated surface-soil layer containing organic matter and sand, silt, and clay particles, conforming to USDA classification for Loam or Sandy Loam; friable, pervious, and compatible in texture with the existing soil to prevent a perched water table; ECe less than 3 mmhos/cm; a minimum of 2 percent/maximum of 10 percent organic material content; pH range between 6 and 8; reasonably free of subsoil, clay lumps, gravel, rocks and other objects more than 13 mm (1/2-inch) in any dimension; and free of weeds, roots, and other extraneous materials harmful to plant growth.
- 5.2.2.8 **USDA:** United States Department of Agriculture.
- 5.2.2.9 **ASTM:** American Society for Testing and Materials.
- ### 5.2.3 TURF RENOVATION - Irrigated Turf
- 5.2.3.1 **SOIL PREPARATION**
- 5.2.3.2 **SOIL TESTING:** (See requirements of “TURF MAINTENANCE – FERTILIZATION”.)
- 5.2.3.3 **SOIL AMENDMENT:** Follow the recommendations on the soils report for the amendment of topsoil through the incorporation of compost, lime, gypsum, and fertilizers (i.e., macro and micro-nutrients).

Obtain soils report from COR for the burial section(s) in which the work is to be executed. Where no soils report is available for a specific burial section, follow the recommendations for the nearest section. Fertilizers containing nitrogen must have minimum of 50% of nitrogen formulated as “slowly available nitrogen” or slow-release form.

- 5.2.3.4 Prior to supplying the compost, soil amendments and fertilizers, submit the following for the approval of the COR.
- 5.2.3.5 Laboratory analysis of proposed soil amendments per the soils report, (i.e., lime, gypsum, etc.) and rate of application in pounds per 1000 square-feet.
- 5.2.3.6 Composition and laboratory analysis of fertilizer (i.e., N:P:K plus micronutrients) and rate of application in pounds per 1000 square-feet.
- 5.2.3.7 Regardless of the recommendations of the soils report, add 1 cubic-yard of compost per 1000 square-feet to the soil. Incorporate the compost and other soil amendments uniformly to a depth of 6 to 8 inches by roto-tilling.

5.2.4 SODDING:

- 5.2.4.1 **SOD:** Sod must be produced from stolons and State-certified. The composition of the grass species in the sod must match existing grass species and cultivars. The sod must be certified weed and pest-free. The grass must be a blend of three regionally adapted cultivars.
- 5.2.4.2 Prior to delivery of sod, the COR must inspect the work area. Any discrepancies in the ground preparation must be corrected prior to the laying of sod in the work area.
- 5.2.4.3 Prior to installation of the sod, the COR must have the right to inspect and to assess the condition and quality of the proposed sod. The COR must have the right to reject poor quality sod before installation. The Contractor must warranty the sod for 30 days from date of Final Acceptance.
- 5.2.4.4 The sod must be cut as thinly as possible (3/4 to 1 inch) to allow for faster rooting and must be cut and delivered to the work site the same day of installation. Contractor must make all necessary arrangements to protect delivered sod from excessive drying and wind damage.
- 5.2.4.5 Sod must be laid expeditiously without interruption, until the work area is completely sodded. Sod must meet elevations of existing adjacent turf.
- 5.2.4.6 Sod must be laid perpendicular to the direction of the slope with seams staggered and tightly matched, and then tamped lightly or rolled to ensure firm contact with the soil with no air gaps.
- 5.2.4.7 Sod placement must match existing adjacent grades. Sod must be cut and fitted around all markers, headstones and other objects.
- 5.2.4.8 Sod must be kept continually moist until it is well rooted and able to survive with routine irrigation scheduling.
- 5.2.4.9 Gaps between sod slabs must be filled with fine, washed, river sand or 50:50/sand: compost mixture. Place soil/compost along any temporary exposed edges of sod to keep the edges from drying out.
- 5.2.4.10 Any substitution of sod type must be specifically approved by the COR and Pacific District Engineers in writing.
- 5.2.4.11 Begin mowing new turfgrass when the leaf blades reach one inch above normal recommended mowing height. Mow at desired maintenance height (*See “Turf Maintenance—Mowing, Trimming & Edging”*). Never remove more than 1/3 of the total foliage length.

- 5.2.4.12 Continue watering and mowing until the new turfgrass is well-established. If weeds germinate with the turfgrass, do not treat with herbicides until the turfgrass has been mowed at least three times. Then eliminate the weeds by using appropriate post-emergent herbicides in accordance with procedures specified under "Turf Maintenance – Pest Control", (and as indicated in NCA Handbook 3410–Integrated Pest Management Procedures for VA National Cemeteries).

5.2.5 SODDING OF INDIVIDUAL GRAVESITES

- 5.2.5.1 Prepare sod bed as indicated for "Turf Renovation – Irrigated Turf" beginning with "Soil Preparation," unless noted otherwise.
Note: Prepare sod bed for re-sodding of second interment gravesites within five (5) working days and designate every Tuesday as a re-sodding day after the burial and as indicated for "Turf Renovation – Irrigated Turf" beginning with "Soil Preparation," unless noted otherwise. Cemetery averages about six (6) second interment gravesites a day, 30 a week, and 120 a month
- 5.2.5.2 Finish grade of graves must be backfilled with topsoil below the adjacent gravesites allowing for thickness of sod to replant gravesite. Verify sod thickness with supplier.
- 5.2.5.3 Apply 18:24:12 (N:P:K) granular starter fertilizer at 5 lbs. per 1000 sq-ft. using a calibrated spreader.
- 5.2.5.4 Plant areas with Sod. The composition of the grass species in the sod must match the existing grass species and cultivars. The sod must be certified weed and pest-free. The grass species must be a blend of three regionally adapted cultivars and must match surrounding turf variety in color and texture.
- 5.2.5.5 Thoroughly hand water to maintain moist soil conditions until turf is re-established.
- 5.2.5.6 Hand mow new turf with walk-behind mowers until established to prevent damage from riding mowers.

5.2.6 ESTABLISHMENT

- 5.2.6.1 Care for turf by watering, mowing, and fertilizing until a healthy stand of turf is established.
- 5.2.6.2 Hand mow with walk-behind mowers until turf is established to prevent damage from riding mowers.

5.2.7 SATISFACTORY TURF

- 5.2.7.1 Turf installations must meet the following criteria as determined by COR:
- 5.2.7.2 Satisfactory Sodded Turf: At end of 30 days, a healthy, well-rooted, even-colored, viable turf has been established, free of weeds, open joints, bare areas, and surface irregularities, with coverage exceeding 95 percent over any 10 sq. ft. (0.92 sq. m) and bare spots not exceeding 5 by 5 inches (125 by 125 mm).

5.2.8 GUARANTEE

- 5.2.8.1 The Contractor, coordinating with the COR, must be responsible for mowing, trimming, and ensuring all new turf areas are automatically irrigated, and maintained in a healthy and vigorous condition.
- 5.2.8.2 The Contractor must, at his own expense, replace any turf which has died or been damaged within 30 days of being installed.
- 5.2.8.3 Healthy turf must be re-established within 30 days on all grave re-openers during the growing season.

5.2.9 TURF MAINTENANCE – FERTILIZATION

- 5.2.9.1 Contractors are responsible for maintaining the turf area of the cemetery and the immediate area surroundings of the cemetery in a healthy condition by proper application of fertilizers and soil amendments and soil conditioners indicated in soil tests for each burial section and as described herein.

This clarification distinguishes between conventional fertilizers applied by contractors and Holganix Organic Solution Bio800+Lawn and Blue Sky products procured as supply-only under the new Grounds Maintenance Contract (GMC) Purchase Request.

Contract Fertilizer: Conventional, nutrient-based products applied by contractors for routine turf maintenance to meet PWS standards. Focused on short-term turf growth and appearance.

Holganix Organic Solution Bio800+Lawn and Blue Sky: Organic, biologically enhanced soil health amendments designed to improve soil microbial activity, nutrient cycling, root development, and long-term turf resilience. Supplied by the contractor but applied exclusively by RNC staff. Designed for long-term soil health, sustainability, and reduced reliance on synthetic inputs.

Key Points:

- These products serve distinct, non-interchangeable purposes and are not substitutes.
- Contractors furnish and apply conventional fertilizer; Holganix Organic Solution is Government-applied only.

5.2.10 FERTILIZER REQUIREMENTS

- 5.2.10.1 **FERTILIZER:** Apply Phosphorus, Potassium and micronutrient components of fertilizer based on the results and recommendations of soil reports. Apply Nitrogen component from slowly-available nitrogen sources as indicated below.
- 5.2.10.2 Apply at least 5 to 6 pounds of actual Nitrogen per 1,000 square feet per year with 30% to 50% of the Nitrogen from controlled-release sources and organic sources. To avoid salt burn limit single application of Nitrogen to 1.5 to 2.0 pounds per 1000 square-feet with: no more than 1.0 pound water-soluble Nitrogen, and 0.5 to 1.0 pound of controlled-release Nitrogen.
- 5.2.10.3 The fertilizer for cool season grasses must be split into 4 or more applications every year March/April, May, September and November. Apply first application after initial heavy flush of spring growth has subsided. (Apply one to two weeks prior to Memorial Day and Veterans Day to “green-up” the lawn.) The fertilizer must be uniformly applied with an accurately calibrated spreader.
- 5.2.10.4 The fertilizer for warm season grasses must be split into 5 applications every year: January, March, May, August and September. The fertilizer must be uniformly applied with an accurately calibrated spreader.
- 5.2.10.5 Maintain soil pH at optimal level between 6.3 and 6.8 for cool season turfgrass; and between 6.5 and 7.5 for warm season turfgrass through the application of pH adjusters.
- 5.2.10.6 **LIME:** When pH below 6.5 in soil tests indicates a need for lime, apply lime at the rate and frequency indicated in those tests. For single applications, apply lime in fall immediately after soil aerification. Split applications if report requires more than 50 pounds per 1000 square-feet to be applied to correct soil pH. Use a pelletized product for ease of application.

5.2.10.7 ELEMENTAL SULFUR: When pH above 7.0 in soil tests indicates a need for elemental sulfur, apply elemental sulfur at the rate indicated in those tests. Limit sulfur applications to 5 pounds per 1000 square-feet every 5 to 6 weeks during the active growing season until the total recommended amount of product has been applied. Use a pelletized product for ease of application.

5.2.10.8 GYPSUM: When soil tests indicate a need for gypsum, apply gypsum at the rate and frequency indicated in those tests. Provide applications in the spring and fall immediately after soil aerification. Split applications if report requires more than 50 pounds per 1000 square-feet to be applied to correct soils. Use a pelletized product for ease of application. Product must be derived from: Calcium Sulfate and consist of: Calcium (Ca) 21.00%; Sulfur (S) 16.00%; and Gypsum ($\text{CaSO}_4 \bullet 2\text{H}_2\text{O}$) 60.00%.

5.2.10.9 HUMATES: Where soil tests indicate soil organic matter less than 6%, apply humates at the manufacturer's recommended rates of 750 lbs. per Acre indicated on their printed instructions. Time of application must be immediately after soil aerification. Use a pelletized product for ease of application. Product must be derived from mined Gypsum and have a guaranteed minimum analysis: Calcium Sulfate dihydrate ($\text{CaSO}_4 \bullet 2\text{H}_2\text{O}$) 35.00%; Calcium (Ca) 7.00%; Sulfur (S) 5.00%, plus Humic Acids 1.5% derived from Leonardite.

5.2.10.10 FERTILIZER EQUIPMENT AND SUPPLIES

5.2.10.11 Provide all required chemicals, fertilizers, soil amendments and any other supplies as indicated in the "Turf Application Schedule".

5.2.10.12 Provide all necessary personnel, applicators, hoses and other equipment. Water will be furnished by the Government at no cost to the Contractor.

5.2.11 SOIL TESTING

5.2.11.1 Test soils during the base year and every year thereafter before the spring fertilizer application. Soil tests must be conducted by a qualified, independent soils and plant laboratory, university laboratory, or an Agricultural Extension recognized by the State Department of Agriculture, with the experience and capability to conduct the testing indicated and that specializes in types of tests to be performed. Soil laboratories affiliated with vendors are not permitted.

5.2.11.2 Provide soil reports and recommendations for each distinct geographic region in the cemetery in each testing year. Soil extractions must be performed in accordance with standard guidelines for agricultural soil sampling and under the observation of the COR. Soil samples must be taken from areas within the cemetery that will properly represent the soil conditions. The soil test reports must clearly identify the cemetery section(s) from which the samples were taken to assist the contractor in the application of specific soil amendments. The soil reports must clearly identify the "crop" (i.e., turf species) and whether the recommendations are for maintenance of existing turf, or planting of new turf. For each soil sample submitted to the laboratory, a minimum of 10 soil extractions must be taken. Extractions may be taken using a standard 12-inch soil core sampler.

5.2.11.3 See the following link for instructions on how to determine areas to be samples and how to take soil samples: General Information (al-labs-west.com)

5.2.11.4 The Contractor must provide a copy of each soil test results and recommendations to the COR and Pacific District Engineers for approval prior to the fertilizer and amendment purchase.

5.2.11.5 Provide soil analyses in the form of a graphical report showing:

- 5.2.11.6 Soil composition (USDA particle size analysis indicating percentages of sand, silt and clay). Percent organic matter.
- 5.2.11.7 Macro and micro nutrient fertility tests as determined by pH.
- 5.2.11.8 Salinity (ECe).
- 5.2.11.9 Nitrate nitrogen, ammonium nitrogen, phosphate phosphorous, potassium, calcium, magnesium, soluble copper, zinc, manganese, iron saturation extract, boron and sodium analyses.
- 5.2.11.10 Exchangeable Sodium Percentage (ESP).
- 5.2.11.11 Cation exchange capacity (CEC).
- 5.2.11.12 Sodium Absorption Ratio (SAR).
- 5.2.11.13 Soil Infiltration Rate Testing.
- 5.2.11.14 Report suitability of tested soils for plant growth: Based upon the test results, the laboratory must provide recommendations for fertilizers and soil amendments to be applied for the maintenance of healthy turf. For turf renovation, the recommendations of the soil testing must provide soil preparation amendments for planting of new turf.
- 5.2.11.15 State recommendations for macro and micro nutrients in pounds per 1,000 square foot or tons per acre, as necessary to correct soil nutrient deficiencies.
- 5.2.11.16 State recommendations for soil amendments to be added in pounds per 1,000 square foot or tons per acre to adjust soil pH to within the optimal range for turfgrass health.
- 5.2.11.17 State recommendations for soil amendments to be added in pounds per 1,000 square foot or tons per acre to correct soil salinity problems where ECe is greater than 4.0 dSm⁻¹ and ESP is less than 15%.
- 5.2.11.18 State recommendations for soil amendments to be added in pounds per 1,000 square foot or tons per acre to improve soil permeability and increase soil infiltration rates.
- 5.2.11.19 FOR TURF RENOVATION: State recommendations for compost to be added in cubic yards per 1000 square feet to adjust soil organic matter content of the soil to a minimum of 4 and maximum of 6 percent.
- 5.2.12 **VERIFICATION**
 - 5.2.12.1 List dates for fertilizer applications on the Cemetery Grounds Management Plan. The actual date of application must be reported to the COR no later than 5 working days after completion of work.
 - 5.2.12.2 Submit to the COR and Pacific District Engineers for approval, laboratory analyses and compositions of each soil amendment and each fertilizer intended for use on the cemetery prior to procuring those products.
 - 5.2.12.3 Submit to the COR and Pacific District Engineers a spread sheet listing each burial section in the cemetery and indicating each fertilizer composition (i.e., N:P:K plus micronutrients), and soil amendment (i.e., lime, gypsum, elemental sulfur) to be applied in each burial section corresponding to the recommendations of the soils reports. The spread sheet will list each product's manufacturer, trade name and application rate in pounds of product per Acre or 1000 square feet.

5.2.12.4 Documentation of compliance with the soil test application rate must be provided to the COR within 5 working days of fertilizer/soil amendment application. Examples of suitable documentation include: purchase order; invoice; or delivery documents.

5.2.13 **TURF MAINTENANCE – PEST CONTROL**

5.2.13.1 **GENERAL REQUIREMENTS**

5.2.13.2 Contractors must be responsible for maintaining the turf area of the cemetery and the immediate area surroundings of the cemetery in a healthy condition by proper application of fertilizers, and chemicals (to control weeds, diseases, and invertebrate and vertebrate pests). Turf in high visibility areas must be at least 90 percent pest and disease free.

5.2.13.3 Conduct pest control in accordance with requirements as stated in NCA Handbook 3410 – Integrated Pest Management Procedures for VA National Cemeteries.

5.2.13.4 For Water-Wise cemeteries, “pest control” must provide weed and pest free burial sections and planting beds.

5.2.13.5 **DEFINITIONS:**

5.2.13.5.1 Pest is defined as any plant or animal detrimental to humans or human concerns including weeds, fungi, molds, vertebrates, and invertebrates.

5.2.13.5.2 An animal is any living thing that is not a human being or a plant.

5.2.13.5.3 A pesticide is herbicide, insecticide, fungicide, and poisonous baits.

5.2.13.6 **SAFETY/REGULATORY REQUIREMENTS:**

5.2.13.7 All application methods of must be in strict accordance with manufacturer, Department of Environmental Protection and all federal, state and local laws.

5.2.13.8 All applications must be made in accordance with manufactures label instructions to ensure proper rate and timing of application. Ten (10) work days prior to any scheduled application, the Contractor shall provide to COR, a copy of product label for each chemical used, the amount and application rate, and appropriate supporting Safety Data Sheets (SDS) sheets in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

5.2.13.9 Contractor shall keep a record of all pesticides applied and shall submit to the COR within five (5) working days after application a fully completed “Pesticide Application Data Sheet” for review and approval, with a copy sent to the Pacific District Engineers. (See Attachment F.) The COR will train the Contractor in the proper use of this form. Records will show type, amount, application area, and weather conditions.

5.2.13.10 Report herbicides/pesticide use to the County Agriculture Commissioners Office's when required by local jurisdictions.

5.2.13.11 Contractor personnel applying pesticides must possess a current, valid, state-issued, commercial pesticide/herbicide application license. Provide a copy of the license to the COR. The Contractor must be responsible for any damage resulting from the application of any fertilizer, herbicide or pesticide treatments.

- 5.2.13.12 Train employees on environmental issues such as ground water contamination, wetland protection, poison control, and be consistent and fully compliant with all applicable Federal, State, County and City laws, ordinances, Right-to-Know laws, EPA guidelines, and regulations.
- 5.2.13.13 Prevent the public and cemetery employees from accidentally becoming exposed to pesticides during an application or from encountering treated areas after the application has been made. Contact the Agricultural Commissioner's office for instructions on restricted entry intervals and posting. In compliance with these instructions, provide the required safety warning devices, barricades and signage at all work sites to eliminate hazards from public visitors and cemetery employees.
- 5.2.13.14 Prior to fertilizer and/or pesticide application, the contractor shall at a minimum, post appropriate flags or markers in all areas to be treated for a period of 24 hours after a fertilizer and/or pesticide treatment has been applied accompanied by a sign informing the public of the time and date of the chemical application. Remove all flags and signs upon expiration of the 24-hour period.
- 5.2.13.15 In addition to, or in compliance with instructions from the Agricultural Commissioner's office on posting, prior to an herbicide application, the Contractor shall provide and install signage that clearly states the following: "CAUTION - HERBICIDE APPLICATION IN PROGRESS."
- 5.2.13.16 The signage shall be COR-approved and shall be uniformly spaced along all perimeters of the application area, and at all regular points of public entry, and shall remain standing for 24 hours after application is complete. If the herbicide has a restricted entry interval, the signage shall be removed by the Contractor within 24 hours after the expiration of the restricted-entry interval. The Contractor is responsible for the removal and disposal of all signage, warning devices, etc.
- 5.2.13.17 The contract work shall not jeopardize the safety of any persons, or jeopardize the protection any plant material or property within the cemetery. Contractor shall not make turf applications, particularly those involving hazardous materials, when people are present in or passing by any such work area(s). Such work in Visually Prominent Areas and along major pedestrian routes, and in any area where a funeral or ceremony is taking place or will take place within 2 hours, shall be rescheduled by the Contractor to an earlier or later time, or to a time before or after cemetery visiting hours as determined by the COR.
- 5.2.14 **WEED CONTROL - GENERAL:**
- 5.2.14.1 Control weeds throughout the cemetery year-round, using Contractor-provided herbicides with emphasis given to Visually Prominent Areas. The result shall be that 100 percent of Visually Prominent Areas (interment sections, committal service shelters, columbaria and memorial walkways, flagpole/assembly area, public buildings, and entrance gate; areas adjacent to the main entrance road; and primary roads/routes to committal service shelters, burial areas, the entrance way) shall be 98 percent weed free. 98 percent weed free means that the population of weeds is very widely scattered and visually insignificant when the total expanse of the cemetery turfgrass is observed. The weeds in no way distract from the visual attractiveness of the landscape.
- 5.2.14.2 Make applications in accordance with manufacture's label instructions to ensure proper rate and timing of application. Provide and apply liquid broadleaf herbicide no earlier than six hours before anticipated rainfall to allow herbicide sufficient time to be absorbed into plant tissue to maximize the herbicide's full potential. Any rainfall that is received within this six-hour time frame after the

application will require the Contractor to treat all turf areas a second time at no additional cost to the Government.

- 5.2.14.3 Control weed growth and disease in turf by means of mowing, trimming and pesticide application or any other method approved by the COR. The person in charge must possess current, valid, state-issued license to use pesticides. Broadcast applications of pesticides for weeds shall be accomplished in the spring and the fall. Spot treatments of pesticides for weed control shall occur monthly unless noted otherwise.
- 5.2.14.4 Follow herbicide manufacturers' precautions on maximum applications per year for both spot and broadcast applications. Do not apply herbicides which will inhibit the germination of grass seeds. Follow herbicide manufacturers' precautions for timing use of product on inter-seeded/overseeded turf. Do not apply herbicides on overseeded/inter-seeded turf until turf has been mowed two times, or four weeks after emergence (whichever is longer) before making a post-emergence application. Weed control products shall be compatible with inter-seed/overseed present on the cemetery, and shall not damage the turf either by misapplication or inappropriate product selection.
- 5.2.15 Coordinate Turf Herbicide Applications with special programs for the control of invasive weed pests such as Bermuda grass and Kikuyu grass.
- 5.2.16 **GRASS WEED PRE-EMERGENT:** Apply grass pre-emergent herbicide in granular form when treating for annual bluegrass, crabgrass, dallisgrass, goosegrass, johnsongrass, Bermuda grass, kikuyu grass, and any other target weed species present at manufactures recommended rate allowable for the species of turfgrass and region of the country. Apply pre-emergent one to two weeks prior to the anticipated seed germination when soil temperatures register between 50 to 55°F for 3 consecutive days. Apply a second sequential application of the same product 8 to 10 weeks following the first application. Apply pre-emergent with calibrated spreading equipment. The Contractor is solely responsible for damage to headstones or any other structures, and newly seeded turfgrass caused as a result of any pre-emergent application or herbicidal treatment. Alternate between herbicide products containing atrazine, dithiopyr, pendimethalin, and prodiamine to reduce herbicide resistance.
- 5.2.17 **ANNUAL BLUEGRASS (POA ANNUA) CONTROL:** To limit annual bluegrass germination during winter, apply pre-emergent herbicides listed above in late summer or early fall when soil temperatures drop below 70°F. Repeat application in early spring. In addition to the pre-emergent herbicide application, apply post-emergent herbicide spot applications of ethofumesate, foramsulfuron, pronamide, sulfosulfuron, and trifloxysulfuron to young annual bluegrass plants. Successful control will be measured as cemetery turf with less than 10 percent annual bluegrass weeds.
- 5.2.18 **BROADLEAF WEED CONTROL:** Apply broadleaf herbicides with calibrated measured spraying equipment (not a hose end sprayer). The chemical must address issues of various broadleaf weed types which include dandelion, white clover, bristly oxtongue, speedwell, bristly mallow, California burclover, filaree, chickweed, curly dock, yellow wood-sorrel, black medic, plantain, spurge, prickly lettuce, purslane, and other target weed species present. Applications must be timely and at the proper dosage so that perennial weeds do not go to seed. Utilize both broadcast applications and spot-applications of chemicals to turf areas throughout the cemetery as appropriate for the degree of weed pressure. Use three-way herbicide products containing triclopyr; 2,4-D; and dicamba. Tank mix with MCPP or MCPA to increase spectrum of control.

- 5.2.19 GRASS WEED CONTROL:** Apply grass weed herbicides with calibrated measured spraying equipment (not a hose end sprayer). Applications must be timely and at the proper dosage so that grass weeds do not go to seed. Utilize both broadcast applications and spot-applications of chemicals to grass weeds in turf areas throughout the cemetery as appropriate for the degree of weed pressure. Alternate between herbicide active ingredients to reduce herbicide resistance. For example, apply triclopyr in the spring, and quinclorac in the summer to reduce herbicide resistance. Tank mix with MSMA or fenoxaproto increase spectrum of control.
- 5.2.20 SEDGE WEED CONTROL:** Apply sedge weed herbicides with calibrated measured spraying equipment (not a hose end sprayer). The chemical must address issues of various weeds which include green kyllinga, annual sedge, purple nutsedge, yellow nutsedge, and aquatic sedges. Applications must be timely and at the proper dosage so that grass weeds do not go to seed. Spot-apply chemicals throughout the cemetery where infestations are evident, particularly in moist and low-lying areas prone to poor drainage. Tank mix with adjuvant per manufacturer's printed instructions. Reapply 4 to 6 weeks per manufacturer's printed instructions. Alternate between herbicides products containing halosulfuron, imazosulfuron, and sulfosulfuron to reduce herbicide resistance.
- 5.2.21 FUNGI:** Employ IPM methods for reduction and treatment of fungi such as improving drainage through aeration and thatch removal; and proper mowing, fertilization and irrigation techniques to eliminate the conditions favorable for the growth of fungus. Application of fungicides is generally not required.
- 5.2.21.1 VERTEBRATE PEST CONTROL:**
- 5.2.21.2** Establish a treatment plan to control Vertebrate Pests within the developed cemetery grounds throughout the calendar year for approval of COR. This schedule shall be incorporated into the Grounds Management Plan.
- 5.2.21.3** Vertebrate Pests include, but are not limited to: gophers, moles, voles, mice, rats, ground squirrels, rabbits, skunks, raccoons, wild pigs, badgers, geese, coots, and snakes and other target pests present. Control pests by trapping, elimination of their food source, or other effective methods. Trapping must be performed by licensed professionals permitted to trap the target pest. Comply with U.S. Fish and Wildlife laws and regulations, and state Fish and Game Code with regard to baiting and trapping of animal pests. Dispose of or relocate animal pests in accordance with federal, state and local laws.
- 5.2.21.4** If soil is disturbed by these pests, fill holes/ruts with topsoil or other COR-approved material, tamp and re-grade. Areas of repair include both turf and planting beds. Cut and remove damage to turf areas to provide clean edges, and replant with sod per "Turf Renovation.". When mowing, mark off and avoid newly sodded areas until the turf is established. Repair planting beds to original condition, including re-establishing grades, re-planting, re-mulching, and repairs to irrigation systems.
- 5.2.21.5** Within 10 calendar days from start of the contract period, conduct a complete inspection of the cemetery grounds and document all vertebrate pest damage using Attachment 'G' "Vertebrate Pest Inspection Sheet" or other COR-approved document. Provide this completed document to the COR. Within 15 calendar days from the start of the contract period the Contractor must have treated with bait, and/or set traps to eliminate the pests. With 20 calendar days from the start of the contract period the Contractor must have correctly repaired the areas damaged from pest activity with matching turf. The document shall identify the following: Pest Species, Location (ID Number, Section,

and Headstone) of all treatments. Provide this document to the COR each week, and identify work that took place within the previous seven days.

- 5.2.21.6 Approximately 30 days after the start of the contract period, and every 15 days thereafter as required, the COR will inspect the cemetery grounds to determine if the vertebrate pest damage has been reduced to an acceptable level. Also at that time, the COR will determine if the damaged turf has been repaired to an acceptable level. (Acceptable is defined as 90% of vertebrate pests are eliminated).
- 5.2.21.7 Inspect for pest damage at least weekly. If any additional signs of pest damage are found set baits and/or traps the day of discovery. Document and report the inspections to the COR on a weekly basis.
- 5.2.21.8 **GEESE CONTROL:** Control geese through a combination of proven methods to discourage geese from settling on the cemetery prior to geese molting. Once geese have molted they will not be able to fly and will be impractical to remove from the cemetery. Initiate control measures as soon as geese are present. In spring install temporary grid wires over ponds; apply geese-repellent, employ the service of dogs under supervision of human handlers to chase away geese; post predator decoys. Remove control measures when geese have retreated from the site, or as approved by the COR.
- 5.2.21.9 **INVERTEBRATE PEST CONTROL:**
- 5.2.21.10 Control pests that include but are not limited to: insects (all life cycle stages), and spiders by insecticides, biological controls or other effective methods. Insect pests include but are not limited to: Grubs, Mosquitos, Ants, Crane Fly, Bees, and Wasps.
- 5.2.21.11 Establish a treatment plan to control invertebrate pests identified within the developed cemetery grounds throughout the calendar year for approval of COR. Incorporate this schedule into the Grounds Management Plan.
- 5.2.21.12 Treat turf areas in the cemetery in accordance with the approved schedule with a broadcast application of granular herbicide effective in the control of invertebrate pest species present on the cemetery. The frequency of application must be in accordance with the manufacturer's printed instructions for the control of the target pest species.
- 5.2.21.13 In addition to broadcast applications, provide spot-application of pesticides directly to pest nests on monthly or on an as-needed basis as approved by the COR.
- 5.2.21.14 Acceptable level of control is defined as 90% of invertebrate pests are eliminated.
- 5.2.21.15 Keep buildings free of wasps and their nests with particular attention given to the skylights on the Committal Shelters, entries to PIC and Admin. Bldg., and under ledges on Columbarium walls.
- 5.2.21.16 North American honey bees must be live trapped and relocated by a specialist in bee keeping.
- 5.2.21.17 **FERTILIZER AND PESTICIDE APPLICATION:**
- 5.2.21.18 Apply turf applications with appropriate calibrated spreading and spraying equipment. Uniformly distribute liquid and pellet surface applications within the cemetery's defined area of coverage. Apply herbicides under calm wind conditions to eliminate any potential for wind drift. Comply with pesticide label precautions to where surface run-off is likely to occur or near a water source.
- 5.2.21.19 Use an appropriate non-staining, green-colored, marker dye compatible with the herbicide being applied for spot applications of herbicide.

- 5.2.21.20 Use surfactants and adjuvants with herbicides to improve herbicidal activity or application characteristics when recommended by herbicide manufacturer.
- 5.2.21.21 List each turf application and planned application date within the Grounds Management Plan. Applications must be provided in accordance with manufacturers label instructions to ensure proper rate of active ingredient (ai) and timing. Apply Fertilizers, Herbicides, and Soil Conditioners in accordance with NCA Standards and as indicated herein.
- 5.2.21.22 Do not dispose of, rinse, mix nor store any herbicide containers/bags on cemetery premises, unless authorized in advance by the COR. Do not keep or store herbicide application equipment or agricultural chemicals on the cemetery premises when applications are not in progress.
- 5.2.21.23 Thirty (30) days after completion of the application, jointly inspect the pesticide application with the COR and assess results. In areas where results are less than acceptable* re-perform the application at no additional cost to the Government. (*Acceptable is defined as 90% of target pest species are eliminated).
- 5.2.21.24 Take precautions to prevent damage to the cemetery, in any manner, including headstones, monuments, shrub and flower beds, trees and other structures during maintenance operations. Current replacement costs for headstones, other cemetery structures or property damaged by the work under this contract will be deducted from the contract price.
- 5.2.21.25 Do not use any pesticide or fertilizer in either granular or liquid form that will stain or discolor any headstones. Notify the COR of all materials scheduled for use on turf before beginning any turf application. Clean cemetery structures, headstones, monuments, and roadways that are soiled or stained as a result of the application.
- 5.2.21.26 Wash-down with water all soiled or stained structures, headstones, and monuments at the end of each workday. Do not use hazardous chemicals at any time on Government property. Bear all costs associated with washing and cleaning. Notify the COR of any such soiling or staining of structures prior to washing/cleaning.
- 5.2.21.27 **TURF MAINTENANCE – MOWING, TRIMMING & EDGING**
- 5.2.21.27.1 **SCOPE**
- 5.2.21.28 Turf must be maintained at a height within one-inch range of that which is professionally recommended for the turfgrass type appropriate for the geographic region. Optimally, the height is no more than half an inch above that range. Turf surrounding a headstone must be trimmed to the recommended height. There must be no signs of “grass burns” caused by mowers. There must be no signs of turf being “scalped” by string trimmers.
- 5.2.21.29 The Contractor must be responsible for mowing, trimming and edging all grass within the cemetery and any grass outside perimeter enclosure walls and fences. This encompasses both irrigated turf grass, and non-irrigated grasses/lawns within the developed area of the cemetery.
- 5.2.21.30 Vegetation in visually-prominent areas within the undeveloped areas of the cemetery must be mown to present a well-maintained appearance. All other vegetation within the undeveloped areas of the cemetery must be mown to prevent fire hazard.
- 5.2.21.31 **EQUIPMENT**

- 5.2.21.32 Riding mowers may be used if they are not operated within 2 inches of headstones, monuments, tree trunks or other vertical elements unless directed to do so by the COR.
- 5.2.21.33 Thirty-inch (30") deck or smaller commercial walk-behind mowers must be used to mow along curb edges, small spaces, and areas too steep to mow with riding mowers.
- 5.2.21.34 Mowers with decks larger than Seventy-two inches (72") must be comprised of multiple "contour" cutting units to prevent scalping of turf.
- 5.2.21.35 Brush mowers with rotary cutters, or flail crop shredders will be used to clear vegetation in buffer areas and undeveloped areas of the cemetery. Deck size as required to perform task.
- 5.2.21.36 Commercial-grade power trimmers and power edgers will be used to trim grass from around headstones, monuments, curblines, walkways, etc. Power trimmers must be equipped with scalp-protectors.
- 5.2.21.37 Cutting blades on mowing and trimming equipment must be sharpened every 20 hours of use, at the minimum so that grass tips are cleanly cut, and not torn or damaged. Cutting heights of all mowing equipment must be set according to heights specified below. The height of grass is what is measured to get correct cutting height.
- 5.2.21.38 **GENERAL REQUIREMENTS**

Turf must be cut to maintain heights as set forth below:

<u>Cutting Height - Inches</u>	<u>Turf Grass Species</u>
1.0 to 1.5	Warm Season Turfgrass
3.0 to 3.5	Cool Season Turfgrass

- 5.2.21.39 Maintain turf in burial and public areas at a height within one inch range of that which is professionally recommended for the grass type by the State University Agricultural Extension. Optimally, the height must not be more than half an inch above that range and of consistent height throughout the sward. For example, the height of cool season turfgrass (e.g., perennial ryegrass, turf-type tall fescue, Kentucky bluegrass) should be maintained between 2.0 and 3.5 inches in height. In no circumstances must the turf be allowed to grow taller than 4.0 inches or to be cut lower than 3.0 inches. Cool-Season Turf that is cut lower than 2.0 inches must be repaired by Turf Renovation at no additional cost to the Government. Warm-Season Turf (e.g., Bermuda grass, zoysia grass, paspalum) should be maintained between 1.0 and 1.5 inches in height. In no circumstances must the turf be allowed to grow taller than 2.0 inches or to be cut lower than 1.0 inches. Turf that is cut lower than 1.0 inches must be repaired by Turf Renovation at no additional cost to the Government.
- 5.2.21.40 Maintain non-irrigated vegetation in visually prominent areas of the cemetery by mowing. Maintain vegetation height at 4 to 6 inches. In no circumstances must the vegetation be allowed to grow taller than 6 inches.
- 5.2.21.41 Do not remove more than 1/3 of the grass leaf surface at anyone mowing.
- 5.2.21.42 Be familiar with and utilize different mowing patterns. Changing direction and patterns reduces turf wear providing a cleaner cut, and avoids creating tire ruts in the turf areas.

- 5.2.21.43 Clean mowing and trimming equipment prior to entering the cemetery grounds. This will minimize the possibility of introducing weed contamination to cemetery turf from areas outside the cemetery grounds. Contact the COR to inspect the equipment prior to unloading.
- 5.2.21.44 Clean mowing and trimming equipment prior to moving equipment from a turf area known to contain invasive weed infestation (e.g., kikuyugrass, Bermudagrass) to a turf area free of that weed infestation. This will minimize the spreading the weed infestations within the cemetery grounds. Contact the COR to inspect the equipment prior to proceeding from turf area to the next.
- 5.2.21.45 Provide one or more commercial-grade mowers that will be dedicated to mowing areas known to be infested with Kikuyugrass and/or Bermuda grass. The mower(s) shall be able to professionally mow all areas within the infested cemetery sections. These mowers shall be marked with a 12-inch wide painted white stripe or decal from bumper to bumper to distinguish these mowers from the other mowers used on the rest of the cemetery.
- 5.2.21.46 Take the utmost care not to damage headstones, floral or commemorative items, structures, survey monuments, irrigation equipment, and trees while performing mowing, trimming and edging services. Repair or replace all damaged items caused by the Contractor to the satisfaction of the COR at no additional cost to the Government.
- 5.2.21.47 Remove and replace all floral and commemorative items, such as fresh cut flowers, wreaths, (and artificial flowers, and potted plants when allowed), to their proper gravesite during the course of performing mowing and trimming services. Remove floral and commemorative items in accordance with the cemetery's Floral Policy. (*See Appendix A for Riverside National Cemetery Floral Policy*) (See "Trash and Debris Removal".) Clean and replace floral vases inside the floral vase receptacles. Stack floral vases so they do not collect water.
- 5.2.21.48 Newly sodded turf will be present at newly interred gravesites, second interment gravesites, and renovated gravesite locations. New sod must be hand mowed until it is fully established to the point where riding mowers will not cause damage to the turf.
- 5.2.21.49 Mow around trees in a manner that prevents "ringing pattern" around the tree and associated damage to turf. Take care not to disturb adjacent bark and rock mulch beds while mowing. Reposition mulch into their respective beds.
- 5.2.21.50 Vary mower wheel width patterns and mowing patterns after each mowing to prevent and avoid wheel rutting from occurring.
- 5.2.21.51 Trim un-mowed grass around headstones, monuments, and other vertical surfaces to keep the grass at the height standard for mown turf without scalping between stones or around stones. Scalped turf between headstones must be repaired as per "Turf Renovation" at no additional cost the Government, and will require additional weed control measures to prevent weeds from populating these scalped zones.
- 5.2.21.52 Clean headstones, section markers, walkways, curbs, concrete bases, signs, and roads of grass clippings and leaves after mowing, weed-eating, edging, and trimming. Do not use leaf-blowers to move grass clippings into planting beds and rock gardens.
- 5.2.21.53 **PROCEDURE**

- 5.2.21.54 **FREQUENCY OF MOWING, TRIMMING, & DEBRIS REMOVAL:** Mow, trim and remove clippings as required (generally once every seven (7) days) to maintain the specified height for all turf in the developed cemetery. During periods of active growth, and after dethatching operations, mowing, and trimming may be required twice weekly as approved by the COR. Complete trimming around headstones and debris removal in conjunction with each mowing cycle.
- 5.2.21.55 **WEATHER CONDITIONS:** There may be periods of excessive rainfall when the Contractor cannot access areas for mowing due to excessive wetness. The COR has the authority to stop work if weather conditions are such that work that day will do more damage than good to the Cemetery grounds. During these periods, the Contractor will be expected to ensure the grass is cut in less than a week's time once grass is suitable for mowing. During periods of fire danger (i.e., excessive heat and low humidity), cease mowing operations in non-irrigated buffer areas to avoid starting brush fires.
- 5.2.21.56 **MOWING TIMING:** Do not mow wet turf. Do not mow turf under a layer of frost. The COR will determine when the frost has subsided enough to proceed. Coordinate with the irrigation schedule so mowing does not occur during the morning after to irrigation. Mowing cycle must be completed by Friday of each week.
- 5.2.21.57 **MOWING PATTERNS:** **Cross-cut** the turf between headstones every other mowing cycle by mowing perpendicular to the gravesite rows, (i.e., Alternate between cutting parallel with and perpendicular to the gravesite rows).
- 5.2.21.58 **MOWING SPEED:** Do not operate mowers at speeds that will leave tire marks when making sharp turns. In no case must mowers be operated at speeds exceeding the manufacturer's indicated speed for safe operation, or at speeds which cause damage to cemetery property.
- 5.2.21.59 **MOWER/TRIMMER MAINTENANCE:** Conduct mower and trimmer maintenance in the designated maintenance yard, including refueling of equipment. Do not refuel equipment in cemetery burial sections.
- 5.2.21.60 **MOWING:** Cut turf within the cemetery burial sections at recommended height unless otherwise specified by the COR. Use rotary mowers mulching decks for mowing. The design of the mowing decks and speed of the mowing must be such that scalping is avoided. At no time is freshly mowed grass to be blown onto headstones. Areas will be mowed first, followed by the trimming operations.
- 5.2.21.61 **TRIMMING:** All turf areas that cannot be maintained by traditional mowing equipment shall be trimmed at the same height of the mown grass. Take great care to avoid contact with headstones, markers, signs, monuments, building walls, trees, shrubs, flowers, any other desirable plant materials, and any other structure than can be damaged by contact with the trimming device's cutting instrument. Scalping of the turf around a marker/headstone is unacceptable. Trimming will be accomplished free of scalping, rutting, bruising, and uneven and rough cutting. Streaks or irregularities, uneven cutting, plowing, or gouging of the soil is unacceptable. Use bicycle-handled "stick" string trimmers for mowing around upright headstones and other structures. Scalping of the turf around a marker/headstone is unacceptable. Turf must not be shorter around headstones creating a "bowl" effect. Use string line gauge that will not damage headstones.
- 5.2.21.62 **FLAT MARKER EDGING:** Trim turf around flat markers at 90 degrees (perpendicular to the face of the marker) to remove all grass/vegetation that is growing around or over the entire outside perimeter of the flat grave markers. The depth of the vertical cut at the edge of the flat markers shall be 1 inch

minimum and the width of the cut shall not exceed 1/2 inch. There shall be a clean and neat vertical edge left around each flat marker. Metal blades shall not be used for flat marker edging. Use “stick” edgers with plastic blades to prevent damage to flat markers. Grasses must not be allowed to cover the headstone inscriptions at any time. Increase edging frequency to weekly as needed during high growth months. Pay particular attention to areas with grasses which spread by stolons such as Bermuda grass and Kikuyugrass. Remove debris from edging from the site on the same day as the edging event.

- 5.2.21.63 **EDGING:** Edge turf at streets, curbs, walkways, mow bands, landscape borders, tree wells, and planting beds inside and outside cemetery grounds. Edging must provide a clear zone 1/2-inch wide by 1-inch minimum deep with all vegetation removed from joints and cracks. Use “stick” edgers with metal blades. Avoid damaging pavement. Remove debris from edging from the site on the same day as the edging event.
- 5.2.21.64 **REMOVAL OF TURF CLIPPINGS:** Immediately remove or disperse windrows and mats of grass clipping deposited on the turf to avoid turf damage. Remove clippings deposited on headstones and other monuments, section markers, concrete bases, roads, walks, plazas, beds, tree basins, or other non-turf grass areas the same day as the mowing event that produced them. Remove clippings deposited on sidewalks or at public visitor areas including at the Committal Shelter at same time mowing work is occurring. In specialty areas, collect clippings in bag attachments to the mowers, as approved by the COR. Remove and dispose clearly visible clumps of grass clippings and/or windrows of clippings, as a result of infrequent mowing. Isolate use of Rake-O-Vac type equipment to removal of windrows and mats of grass clippings to prevent wear and tear of turf and compacting of soils, unless directed otherwise by the COR. If inclement weather does not allow the grass trimmings to be collected while mowing, they must either be short enough to blend into the existing turf or raked and collected as soon as weather allows.
- 5.2.21.65 **REMOVAL OF GRASS CLIPPINGS AND SOIL:** Immediately remove grass and/or soil splatter deposited onto headstones, section markers, and other structures the same day as the mowing and/or trimming event that produced them. Cleaning of headstones and structures soiled by mowing and trimming activities is incidental to the work and shall not be considered as “Headstone Cleaning and Maintenance” or “Structure Maintenance”.
- 5.2.21.66 **MEMORIAL DAY:** Complete mowing, trimming, edging & debris removal work no later than close of business on the Thursday prior to Memorial Day to allow sufficient time for the placement of personal floral arrangements on individual graves and for the preparation of Memorial Day services at the cemetery. Contact COR one week before event for final schedule.
- 5.2.21.67 **VETERANS DAY (NOVEMBER 11):** Complete mowing, trimming, edging & debris removal work for Veterans Day no later than two (2) workdays prior to the scheduled holiday. Contact COR one week before event for final schedule.
- 5.2.21.68 **INSPECTION:** The COR will inspect mowing, trimming and edging a minimum of once a week (during the growing season).
- 5.2.21.69 **VERIFICATION:** On Friday of each week, the Contractor shall submit to the COR cemetery site plan(s) indicating the areas and dates turf areas were mowed and trimmed. Use a different colored highlighter marker for each day.

5.2.21.70 **TURF MAINTENANCE – AERIFICATION**

5.2.21.71 **SCOPE**

5.2.21.72 Soil compacted by heavy foot or vehicle traffic must be relieved by aerification to improve air, water, and nutrient penetration into the turfgrass canopy and root zone. The procedure is generally necessary only once per growing season on national cemetery grounds not subject to continual heavy traffic.

5.2.21.73 **PROCEDURE**

5.2.21.74 **CORE AERATION:** Use core aeration equipment to extract minimum 4-inch and maximum 6-inch core plugs at not less than 6-inch square spacing over cemetery turf. Flag sprinkler heads, control markers, valve boxes and other appurtenances which are not readily visible. Do not damage surrounding vegetation or structures, including but not limited to, sprinkler heads, vases, valve boxes, control markers, and paving.

5.2.21.75 **SOIL AMENDING:** Immediately after completion of the aeration, apply soil amendments (e.g., lime, gypsum, or topdressing) to burial sections requiring these soil amendments as identified in the soils reports per “Turf Maintenance – Fertilization” and as indicated herein.

5.2.22 **TURF MAINTENANCE – TOPDRESSING**

5.2.22.1 **SCOPE**

5.2.22.2 Turfgrass prone to thatching must be topdressed regularly to eliminate the build-up of thatch by creating a suitable environment for microbes to digest the thatch.

5.2.22.3 Soil with textures that consists of more than 50 percent clay (e.g., clay loam, silty clay, silty clay loam, silt loam, loam, and clay) must be modified by regular topdressing to reduce the percentage of clay in the turf root zone.

5.2.22.4 Turf that is rutted must have the soil leveled by repeated applications of topdressing.

5.2.22.5 Turf that is overseeded and interseeded must be topdressed to provide seed topper to aid in the germination of the seeds.

5.2.22.6 **PROCEDURE**

5.2.22.7 **TOPDRESSING TYPE 1: (TO MODIFY SOIL TEXTURE AND PREVENT THATCH BUILD-UP)**

5.2.22.8 Beginning in spring immediately following the spring turf aeration, topdress the established warm season turf (e.g., Bermudagrass) annually with a 90% sand/10% reed sedge peat mix designed for topdressing turfgrass. Apply topdressing while core aeration holes are open. Acceptable Product: ‘90/10 2Mil Dakota Blend’, or approved equal. Submit product data sheets to COR for approval.

5.2.22.9 Immediately following the turf aeration, topdress the established cool season turf annually. Apply topdressing while core aeration holes are open. Avoid blocking sunlight from excessive coverage of turf with topdressing soil. Alternate between applications with clean river sand; and 40:30:30 mixture of sandy loam topsoil, peat humus, and compost formulated for topdressing turfgrass. Submit one-half (1/2) cubic-foot sample of compost, and certification letter from the supplier attesting that compost is U.S. Composting Council Certified. Submit topdressing compost test analysis and product data sheets to COR for approval. (See requirements of “TURF MAINTENANCE – FERTILIZATION”)

- 5.2.22.10 Apply topdressing at a rate of 0.5 cubic yards per 1000 square feet with turf tender equipment specifically designed for topdressing turf, and capable of being calibrated to uniformly apply the product at the specified rate. Use brushes to move the topdressing into the turf and aeration core holes. Irrigate thoroughly to move topdressing into turf. Remove topdressing from adjacent areas and headstones. Do not topdress newly laid sod or sod that has not completed one dormant period.
- 5.2.22.11 **TOPDRESSING TYPE 2: (TO FILL RUTS AND DEPRESSIONS)**
- 5.2.22.12 Topdress depressions in turf such as ruts created by maintenance equipment as approved by the COR. Alternate between application with 90% sand/10% reed sedge peat mix; and 40:30:30 mixture of sandy loam topsoil, peat humus, and compost formulated for topdressing turfgrass. Submit topdressing composition test analysis to COR for approval. Apply topdressing using approved equipment to apply no more than 1/2-inch of material in a single application. Use brushes to move the topdressing into the turf. After brushing, irrigate thoroughly to move topdressing into turf. Repeat applications over the course of several weeks as required to eliminate depressions. Acceptable Product: '90/10 2Mil Dakota Blend', or approved equal. Submit product data sheets to COR for approval.
- 5.2.22.13 **TOPDRESSING TYPE 3: (IN CONJUNCTION WITH OVERSEEDING/INTERSEEDING)**
- 5.2.22.14 Topdress turf immediately after overseeding/interseeding with seed toppler formulated for overseeding turfgrass. Apply topdressing while furrows from slit-seeding are open. Avoid blocking sunlight from excessive coverage of turf with topdressing. Submit topdressing composition test analysis to COR for approval. Acceptable Product: 100% compost humus with 100% passing 1/4" sieve (fine grind), or approved equal.
- 5.2.22.15 Apply topdressing at a rate of 0.5 cubic yards per 1000 square feet with turf tender equipment specifically designed for topdressing turf, and capable of being calibrated to uniformly apply the product at the specified rate. Use brushes to move the topdressing into the turf to cover the seeds. Irrigate thoroughly to further move topdressing into turf. Remove topdressing from adjacent areas and headstones. Do not topdress newly laid sod or sod that has not completed one dormant period.
- 5.2.22.16 **CEMETERY VEGETATION CONTROL**
- 5.2.22.17 Control vegetation within the cemetery and outside perimeter enclosure walls and fences to control excessive weed growth, reduce any fire hazard, and provide a properly maintained appearance.
- 5.2.22.18 The work areas include Irrigated and non-irrigated areas in developed and undeveloped lands within the cemetery property lines, and lands between the property lines and the public roadway.
- 5.2.22.19 Maintain vegetation height at no more than 6 inches throughout the year by means of mowing, brush clearing/weed abatement. Mowing frequency varies throughout the year corresponding with active plant growth. Minimum mowing frequencies are twice per month in the wet season; and once per month in the dry season.
- 5.2.22.20 In addition, maintain a five (5) foot fire break along both sides of the fence lines/property lines surrounding the developed and undeveloped area of the cemetery.
- 5.2.22.21 Work area does not include leased active agricultural fields on cemetery property.
- 5.2.22.22 **DEVELOPED CEMETERY:** Maintain irrigated and non-irrigated vegetation in visually prominent areas of the cemetery by mowing. Maintain vegetation height at 4 to 6 inches or less from the ground. In

no circumstances shall the vegetation be allowed to grow taller than 6 inches. Mow vegetation in developed and undeveloped areas of the cemetery, perimeter of fence lines, spoils area, and other areas as directed by the COR. Clear brush twice monthly during active growing season and monthly during the slow growth season. Removal of Brush Clippings: Immediately remove brush clipping on the same day of the mowing event that produced them. Transport clippings to the spoils area as directed by the COR.

- 5.2.22.23 **UNDEVELOPED CEMETERY:** Maintain Biannual Clearing of brush in the 600 acres undeveloped cemetery land beyond the developed areas, using brush hog clearing equipment to within 4-6 inches or less from the ground. Material and foliage left behind may remain in place to naturally decompose. Dust from brush clearing must be to a minimum not to reach outside the cemetery property.
- 5.2.22.24 **EQUIPMENT:** Brush mowers with rotary cutters, flail crop shredders, or string trimmers may be used to clear vegetation within both developed and undeveloped areas of the cemetery. Deck size as required to perform task.
- 5.2.22.25 **WEED CONTROL**
- 5.2.22.26 Maintain planting beds in an attractive state and free of weeds. Remove weeds and their root system.
- 5.2.22.27 Maintain tree wells, and tree mulch rings free of weeds and turf.
- 5.2.22.28 Maintain non-planting beds such as storage and maintenance yards, areas of open earth, pavements, bark mulch beds, free of weeds. Weeds and their root system will be removed.
- 5.2.22.29 Maintain areas with mineral mulch such as rock-lined swales, rock borders, and other areas mulched with decorative rock free of weeds. Weeds and their root system must be removed. Mineral mulch includes: crusher fines, path fines, decomposed granite, pea gravel, gravel, pebbles, cobblestones, rip-rap, and boulders.
- 5.2.22.30 Twice yearly, cultivate planting beds by spading fork or approved equipment to loosen compacted soils to a depth of 6 inches. Avoid any damage to the roots and irrigation equipment. Cultivate soils immediately prior to fresh mulch replacement.
- 5.2.22.31 Apply pre-emergent herbicide twice yearly to planting beds, bark mulched beds, mineral mulch areas, tree wells and tree mulch rings, and open earth areas for the control of weed grasses and broadleaf weeds. Apply herbicide before the application of fresh mulch.
- 5.2.22.32 Apply monthly spot applications of post-emergent weed control, and/or manually remove weeds by cultivating soil and completely removing weeds.
- 5.2.22.33 **PESTICIDE APPLICATION (GENERAL):**
- 5.2.22.34 Post appropriate flags or markers in all treated areas for a period of 24 hours after a pesticide treatment has been applied accompanied by a sign informing the public of the time and date of the chemical application. Remove all flags and signs upon expiration of the 24-hour period.
- 5.2.22.35 Apply pesticides with pressurized spraying equipment at rate indicated in the manufacturer's printed instructions for control of the target insect.
- 5.2.22.36 Use surfactants and adjuvants with pesticides to improve insecticidal activity or application characteristics when recommended by pesticide manufacturer.

- 5.2.22.37 Contractor personnel applying applications must possess a current, valid State-issued pesticide application license. A copy of the license will be provided to the COR. The Contractor must be responsible for any damage resulting from the application of any pesticide treatment.
- 5.2.22.38 Train employees on environmental issues such as ground water contamination, wetland protection, and be consistent and fully compliant with all applicable Federal, State, County and City laws, ordinances, Right-to-Know laws, EPA guidelines, and regulations.
- 5.2.22.39 Report pesticide use to the County Ag Commissioners Office's when required by local jurisdictions.
- 5.2.22.40 **ORGANIC MULCH**
- 5.2.22.41 Maintain a 3-inch deep layer of Contractor-provided, COR-approved, organic mulch to in planting beds, tree mulch rings, and open earth areas. Mulch material must be aesthetically pleasing, redwood or fir bark, dark brown, free of weeds or pests. Bark mulch must be similar in color and texture to the existing bark mulch, and must be approved by the COR prior to installation. Mulch must not be a chipped wood product, and must not contain dyes or other colorants.
- 5.2.22.42 Maintain mulch in a uniform 3-inch depth throughout the planting beds and areas of open earth.
- 5.2.22.43 Hand weed and/or use appropriate chemical controls for weed control in mulch beds.
- 5.2.22.44 Apply fresh mulch if needed after application of pre-emergent herbicide.
- 5.2.22.45 Construct 6-foot diameter bark mulch rings around trees in turf as approved by the COR. Cut and remove circular shape from the sod, and apply bark mulch. Keep bark mulch 3-inches away from the tree trunk.
- 5.2.22.46 Place bark mulch underneath fence lines to prevent cemetery turf from growing beyond the defined edge.
- 5.2.22.47 **INORGANIC MULCH**
- 5.2.22.48 **MINERAL MULCH:** Hand weed and/or use appropriate chemical controls for weed control in mulch beds. Remove weeds from mineral mulch, (e.g., rip-rap, boulders, cobble stone, river rock, pea gravel, decomposed granite, crusher fines, path fines).
- 5.2.22.49 Rake mineral mulch to remove depressions, foot prints, erosion of all types, and other irregularities when the surface becomes unsightly and after storm events.
- 5.2.22.50 Supplement with matching mulch as approved by the COR to maintain complete coverage of the area being mulched.
- 5.2.22.51 **MINERAL MULCH REHABILITATION:** Reconstruct mineral mulch beds and drainage swales as approved by the COR when weeds cannot be controlled by conventional methods, and spaces between stones has become silted-in. Procedure: Remove and clean inorganic mulch. Remove debris and weed fabric within trench. Repair/reshape trench. Repair/replace weed barrier fabric, and edging where applicable. Apply pre-emergent herbicide. Replace mineral mulch in accordance with original construction drawings. Supplement with additional clean mineral mulch as needed.
- 5.2.22.52 **PLANTING BED EDGING MAINTENANCE**
- 5.2.22.53 Examine planting bed edging material and repair, reset, or replace edging material that has been broken, become loose, and become higher than surrounding grade.

- 5.2.22.54 Reset edging material so that the top of the edge is flush with adjacent turf or 1-inch above finish grade of the planting bed. Stake edging material with stakes as supplied by the original manufacturer of the edging material.
- 5.2.22.55 Examine machine-cut divot edges separating planting beds from turf. Remove bark mulch from divots so a thorough visual examination of the edging can be made. Reconstruct machine-cut divot edges that have become filled with soil, lost continuity of form and alignment, and become higher or lower than the surrounding grade.
- 5.2.22.56 Refill divot cut edges with specified bark mulch after re-cutting/re-shaping.

5.3 IRRIGATION SYSTEM SERVICES

CLIN 0003 – Qty 12 Months

Subject to SCA and Commercial Provisions/Clauses

General Requirements:

- Irrigation System Management
- Irrigation System Maintenance
- Irrigation System Minor Repairs

5.3.1 IRRIGATION SYSTEM MANAGEMENT

5.3.1.1 DEFINITIONS

5.3.1.2 Evapotranspiration (ET): The combined loss of water from soil through evaporation and plant transpiration.

5.3.1.3 “Hot Spot”: An isolated patch of turf as evident by dry soil, hydrophobic soil, and brownish or yellowing leaf color.

5.3.1.4 IRRIGATION PUMP STATION

5.3.1.5 Provide an Irrigation Pump Station preventive maintenance plan for pressure booster pumps, jockey pumps, submersible pumps, electric motors, electrical switches, valves and filters based on manufacturer's Operations and Maintenance manuals. Prior to initiation of contract, submit a copy of this plan for COR approval. Any deviations from this plan must be approved by the COR. This service is designed to: provide efficient equipment operation; extend the life of the units; identify potential problems before major breakdowns occur; and reduce system down time. Where the pump station requires “spring start-up” and “winterization”, the Irrigation Pump Station preventive maintenance plan must provide step-by-step instructions for decommissioning and recommissioning of the pump station.

5.3.1.6 Irrigation Pump Station Equipment Inventory

Location	Pump Model	Manufacturing Number	Manufacturing Date
Pump Station A	T3L100I3N15058SAX8	PS8013223062	October 2022
Pump Station B	TEL100I3N15058SAX8	PS80I3223063	November 2022
Pump Station C	T3L050I1N1000480C8	PS80Y3182407	June 2019

5.3.1.7 Operational Application

- Preventive Maintenance: This specific hardware data allows the contractor to identify the correct O&M manuals for pressure booster pumps, jockey pumps, and electric motors as required by the sources.
- Technician Qualifications: The PWS requires that the electrical and pump service technicians be certified by the specific pump station manufacturer or have at least five years of experience servicing these exact units.
- Service Reporting: These manufacturing details shall be included in the quarterly service reports provided to the COR to track equipment life and identify potential problems before major breakdowns occur.
- As-Built Reference: This inventory aligns with the as-built drawings for Pump Stations A, B, and C provided in the Attachment H/Technical Exhibits 14.

5.3.1.8 Work must be performed by a qualified electrical and pump service technician in a mobile dispatched service truck. Pump service technician must be certified by the pump station manufacturer, or have a minimum of 5 years experience servicing pumps by the pump station manufacturer. Prior to initiation of contract, provide copies of documents and or certificates showing technicians meet this requirement to the COR.

5.3.1.9 Provide a minimum of four yearly service calls, plus one or more additional emergency (on-call) 3-hour visit per year. Schedule one service call in the late winter before pump service technicians become in high demand by agricultural users in the spring.

5.3.1.10 Provide the emergency service with 24 hours after notification.

5.3.1.11 Provide written service report to COR within 5 days of each visit, and alert COR of any recommended repairs above and beyond routine maintenance. Submit quote for repairs to COR.

5.3.1.12 Provide the following services on each piece of equipment listed below in accordance with the pump station manufacturer's printed Operations and Maintenance (O&M) Manuals. Obtain a copy of the O&M Manuals from the COR.

5.3.1.13 Visual inspection of pump station.

5.3.1.14 Evaluate pump station operation at various flows. Take voltage and current rating and compare to last report.

5.3.1.15 Check all safety shutdown features.

5.3.1.16 Confirm pump station is operating properly.

5.3.1.17 Check tightness on flange and motor bolts.

5.3.1.18 Check and verify PRV and High-Pressure Relief Valve operation. Adjust valves as required.

5.3.1.19 Check coupling alignment on pump(s).

5.3.1.20 Grease or oil motor bearing(s).

5.3.1.21 Change motor bearing oil once a year.

5.3.1.22 Check stuffing box for leakage.

- 5.3.1.23 Open wye-strainer blow-down valve to provide heat exchanger flush.
- 5.3.1.24 Inspect basket strainers, clean debris from interior and screens, check screen for wear, and reassemble.
- 5.3.1.25 Inspect and tighten all electrical connections in electrical panel.
- 5.3.1.26 Conduct Infrared Temperature Check (check electrical panels for hot spots, defective transformers and detect loose connections).
- 5.3.1.27 Inspect contactors for pitting and excessive wear.
- 5.3.1.28 Remove and clean diaphragm and pilots on safety relief valve.
- 5.3.1.29 Inspect Inverter and PLC and/or Starting Equipment.
- 5.3.1.30 Verify all surge devices are visually sound.
- 5.3.1.31 Check pressurized water tanks for leakage and pressure holding capabilities. Note flow from well (gpm), pump cut in (psi), pump cut out (psi), and tank pre-charge pressures (psi) on service record.
- 5.3.1.32 Verify all electrical connectors are at proper torque settings.
- 5.3.1.33 Verify electrical grounding of the motor armatures.
- 5.3.1.34 Clean/change all cooling filters and grills.
- 5.3.1.35 Remove all dirt and dust that has penetrated the unit interior, and that has accumulated on the processor board.
- 5.3.1.36 Clean station pumps, motors, control panel and associated components.
- 5.3.1.37 Clean pump house interior and/or clean pump station yards within the fenced enclosures of trash, dirt and debris.
- 5.3.1.38 Clear water intake structure of debris.
- 5.3.1.39 Provide written service report to COR within 5 business days of each visit.
- 5.3.1.40 Alert COR of any recommended repairs above and beyond routine maintenance. Submit quotes for repairs to COR.
- 5.3.1.41 Swap lead and stand-by pumps annually to provide for even wear and tear on the pumps.
- 5.3.1.42 **PUMP STATION FILTERS**
- 5.3.1.43 Provide routine maintenance for pump station filters per the Operations and Maintenance (O&M) Manual. Obtain a copy of the O&M Manual from the COR.
- 5.3.1.44 Contractor must be an authorized service provider of installed filtration system. Provide to the COR prior to initiation of contract, copies of documents and or certificates showing technicians meet this requirement.
- 5.3.1.45 Contractor will provide at a minimum, quarterly (4) site visits per year to service filters at pump stations, plus one (1) additional emergency on-call service. Schedule the maintenance services with the approval of the COR.
- 5.3.1.46 Provide the emergency service with 24 hours after notification.

- 5.3.1.47 Provide written service report to COR within 5 days of each visit, and alert COR of any recommended repairs above and beyond routine maintenance.
- 5.3.1.48 General Pump Filter Maintenance: Provide a preventive maintenance plan for maintenance of the filtration systems to the COR. Test and inspect the filtration systems based on manufacturer's printed O&M manuals, including but not limited to the tasks listed below. Perform tasks in accordance with manufacturer's preventative maintenance schedule. Any discrepancies or unrecorded maintenance items shall be reported to the COR.
- 5.3.1.49 Centrifugal Filters:
- 5.3.1.50 Visual inspection of pump filter.
- 5.3.1.51 Open and close by-pass valves to exercise valves.
- 5.3.1.52 Clean mini filter.
- 5.3.1.53 Inspect plastic tubing.
- 5.3.1.54 Check flush valve for proper operation.
- 5.3.1.55 Check wire connections.
- 5.3.1.56 Clean exterior of equipment.
- 5.3.1.57 Provide written service report to COR within 5 business days of each visit.
- 5.3.1.58 Remove the main filter screen and check for wear and tear. Re-install.
- 5.3.1.59 Inspect dirt collector, flush valve, piston and differential pressure gauge.
- 5.3.1.60 Annually, inspect for wear and tear: cover seal; fine screen; dirt collection nozzles; air/water connections; O-rings; piston; dirt collector.
- 5.3.1.61 Alert COR of any recommended repairs above and beyond routine maintenance. Submit quote for repairs to COR.
- 5.3.1.62 Sand Media Filters:
- 5.3.1.63 Visual inspection of pump filtration system for leaking gaskets, gauge operation, hydraulic tubing integrity, and system pressure drops, wiring condition, paint condition
- 5.3.1.64 Check media depth yearly.
- 5.3.1.65 Clean water pickup assembly filter.
- 5.3.1.66 Inspect hydraulic line connections.
- 5.3.1.67 Inspect electrical connections and control box seals.
- 5.3.1.68 Lubricate backwash valve with general purpose water insoluble grease.
- 5.3.1.69 Inspect valve interior components (seals, diaphragm, shaft, etc.).
- 5.3.1.70 Check coupling gaskets for leaks.
- 5.3.1.71 Check system pressure differential.
- 5.3.1.72 Check backwash flow rate.

- 5.3.1.73 Check flow meter to assure proper flow rate.
- 5.3.1.74 Monitor duration of flush cycle.
- 5.3.1.75 Evaluate seasonal water quality fluctuations for possible settings adjustments.
- 5.3.1.76 Service downstream strainer.
- 5.3.1.77 Provide chlorine shock treatment.
- 5.3.1.78 Clean exterior of equipment.
- 5.3.1.79 **PRESSURE REDUCING AND LAKE FILL VALVE**
- 5.3.1.80 Provide a preventive maintenance plan for maintenance of all pressure reducing and lake fill valves based on manufacturer's Operations and Maintenance manuals. Prior to initiation of contract, submit a copy of this plan for COR approval. Any deviations from this plan shall be authorized by the COR. This service is designed to extend the life of the units and identify potential problems before major breakdowns occur, reduce system down time, and provide reliable equipment operation.
- 5.3.1.81 All work must be performed by a qualified electrical and valve service technician in a mobile dispatched service truck. Prior to initiation of contract, provide the COR copies of documents and or certificates showing technicians meet the requirements.
- 5.3.1.82 Service the valves once per year, plus one additional emergency on-call service. Schedule the maintenance service with the approval of the COR.
- 5.3.1.83 Contractor must provide emergency service with 24 hours after notification.
- 5.3.1.84 Quarterly, exercise shut-off and diversion valves. Inspect for complete closure. Provide a report to the COR.
- 5.3.1.85 Provide written service report to COR within 5 days of each visit, and alert COR of any recommended repairs above and beyond routine maintenance.
- 5.3.1.86 Provide the following services on each of the valves:
- 5.3.1.87 Disassemble.
- 5.3.1.88 Clean.
- 5.3.1.89 Inspect main control valve.
- 5.3.1.90 Inspect pilot control.
- 5.3.1.91 Rebuild internal valve and replace diaphragm.
- 5.3.1.92 Rebuild pilot assembly.
- 5.3.1.93 Reassemble.
- 5.3.1.94 Adjust operating pressure.
- 5.3.1.95 **WEATHER STATION MAINTENANCE**
- 5.3.1.96 Provide routine maintenance for on-site weather station(s) per the Operations and Maintenance (O&M) Manual. Obtain a copy of the O&M Manual from the COR.
- 5.3.1.97 **GENERAL WEATHER STATION MAINTENANCE:**

- 5.3.1.98 Check sensor leads and cables for cracking, deterioration, proper routing, and strain relief. Replace sensor cables if required.
- 5.3.1.99 Check the tripod or tower for structural damage, proper alignment, and for level/plumb.
- 5.3.1.100 Desiccant – Enclosure humidity is monitored in the enclosure by an RH chip incorporated into the connector board. Change the desiccant packs when the enclosure RH exceeds 35%.
- 5.3.1.101 Monitor data values collected by the Weather Reach Server. Abnormal or out of range sensor values may indicate problems with the station.
- 5.3.1.102 Weekly visual inspection of the station to observe any apparent problems.
- 5.3.1.103 An occasional cleaning of the glass on the solar panel will improve its efficiency, if applicable
- 5.3.1.104 **SENSOR MAINTENANCE – MONTHLY**
- 5.3.1.105 Check the Pyranometer for level and contamination. Gently clean, if needed.
- 5.3.1.106 Visually inspect the wind sensors and radiation shield.
- 5.3.1.107 Check the rain gauge for debris and level.
- 5.3.1.108 Do a visual/audio inspection of the anemometer at low wind speeds.
- 5.3.1.109 Check the filter cap of the temperature/humidity sensor for contamination.
- 5.3.1.110 **6 MONTHS:**
- 5.3.1.111 Clean the temperature/humidity sensor filter cap.
- 5.3.1.112 Clean the Gill Radiation Shield.
- 5.3.1.113 Battery test.
- 5.3.1.114 Inspect the enclosure seal.
- 5.3.1.115 **1 YEAR:**
- 5.3.1.116 Replace anemometer bearings, in some areas the bearings may be good for 2 years.
- 5.3.1.117 Calibrate the rain gauge.
- 5.3.1.118 Calibrate the HMP45C/HMP35C temperature / RH probe. Or check calibration of CS500 RH Probe; replace RH chip if necessary but at least every 2 years.
- 5.3.1.119 Check internal RH chip (MetData1 and ET101/106 only). Replace if >5% off or every 3 years.
- 5.3.1.120 Change the desiccant packs.
- 5.3.1.121 **2 YEARS:**
- 5.3.1.122 Calibrate the solar radiation sensor.
- 5.3.1.123 Calibrate the temperature sensor.
- 5.3.1.124 Replace the wind vane potentiometer and bearings.
- 5.3.1.125 **4 – 5 YEARS:**
- 5.3.1.126 Calibrate the datalogger; this must be done by the Manufacturer.

5.3.1.127 **WEATHER SENSORS**

5.3.1.128 Provide routine maintenance for the ET Gage, Tipping Rain Bucket, and Wind Gage per the manufacturer's printed instructions.

5.3.1.129 General Weather Sensor Maintenance:

5.3.1.130 Check sensor leads and cables for cracking, deterioration, proper routing, and strain relief. Replace sensor cables if required.\

5.3.1.131 Weekly visual inspection of the gages to observe any apparent problems.

5.3.1.132 **SENSOR MAINTENANCE – MONTHLY**

5.3.1.133 ET Gage: Fill the reservoir with distilled water.

5.3.1.134 Wind Gage: Visually inspect the wind gage: perform a visual/audio inspection of the anemometer at low wind speeds.

5.3.1.135 Tipping Rain Bucket: Remove debris from the rain bucket. Check bucket for plumbness and level.

5.3.1.136 **6 MONTHS**

5.3.1.137 **ET Gage:** Remove and clean the canvas per manufacturer's printed instructions.

5.3.1.138 **Wind Gage:** Check mounting clamps; clean exterior.

5.3.1.139 **Tipping Rain Bucket:** Check mounting clamps; clean interior and exterior of bucket.

5.3.1.140 **1 YEAR:**

5.3.1.141 **ET Gage:** Clean ceramic evaporation plate per manufacturer's printed instructions.

5.3.1.142 **Wind Gage:** Check for plumbness and level.

5.3.1.143 **Tipping Rain Bucket:** Check for plumbness and level.

5.3.1.144 **2 YEARS:**

5.3.1.145 **ET Gage:** Clean and recondition the ceramic evaporation plate per manufacturer's printed instructions.

5.3.1.146 **3 – 5 YEARS:**

5.3.1.147 **Wind Gage:** Replace bearings.

5.3.1.148 **BACKFLOW PREVENTION DEVICE**

5.3.1.149 Provide yearly backflow testing and certification by a certified backflow prevention assembly tester for each backflow prevention device serving the site. Devices include both domestic water and irrigation-only backflow preventers. Affix a service record tag to each backflow serviced. Flush and clean wye-strainers screens on backflow assemblies yearly at time of testing.

5.3.1.150 Check backflow insulators are securely fitted around the devices. Tighten laces. Inform COR if insulators are worn and in need of replacement.

5.3.1.151 Check backflow enclosure for structural soundness. Tighten bolts connecting enclosure panels together, and bolts mounting the enclosure to the foundation.

5.3.1.152 **MASTER VALVES**

5.3.1.153 Exercise master valves and submaster valves/hydrometers quarterly to check for proper functioning. Provide a report to the COR in tabular form showing date of inspection and results for each master valve in the system as “pass” or “fail”. A passing grade is a valve that is capable of being actuated from the irrigation controllers and closes and opens flow completely. Advise COR of any recommended repairs and provide quotes for parts and labor.

5.3.1.154 Test master valves for automatic closure upon exceeding flow threshold established in programming of central control system. Set a low flow test threshold in the programming and run an irrigation zone that exceeds that threshold. Note on the report to the COR the results for each master valve in the system as “pass” or “fail”. A passing grade is a valve that closes automatically when the high flow threshold is exceeded.

5.3.1.155 Advise COR of any recommended repairs and provide quotes for parts and labor.

5.3.1.156 **BASKET STRAINERS**

5.3.1.157 Quarterly, flush filter screen quarterly to remove heavy contaminants. Connect hose to outlet and direct flow onto non-landscaped area.

5.3.1.158 Yearly, remove and clean screen filters. Replace screen filters when worn. Advise COR of any recommended repairs and provide quotes for parts.

5.3.1.159 **PRESSURE REGULATING VALVES**

5.3.1.160 Exercise pressure-regulating valves (PRV) quarterly to check for proper functioning. PRV's include valves which are part of irrigation mainline pressure regulating assemblies. Report upstream and downstream static and dynamic pressure readings. Provide a report to the COR in tabular form showing date of inspection and results of pressure readings for each PRV assembly.

5.3.1.161 Check remote control valves for presence/absence of pressure-regulating modules. Re-install manufacturer's optional pressure-regulating modules on remote control valves where they are missing or have been removed. Exercise pressure-regulating modules which are components of remote control valves. Turn pressure adjustment screw until pressure reduction is visible either from pressure gauge or noticeable drop in radius of sprinkler heads. Provide a report to the COR in tabular form showing date of inspection and results for each PRV in the system as “pass” or “fail”. Advise COR numbers of valves needing pressure-regulating modules, any recommended repairs and provide quotes for parts.

5.3.1.162 **COMBINATION VALVES/AIR-VAC VALVES**

5.3.1.163 Observe combination valves (Air and Vacuum Release Valves) quarterly to check for proper functioning and leaks. Follow the manufacturer's printed instructions for testing. Testing may require temporary installation of a shut-off valve on the drain outlet. A properly operating combination valve will allow air trapped in pipes to escape, eject a small amount of water and then form a water-tight seal. Provide a report to the COR in tabular form showing date of inspection and results for each combination in the system as “pass” or “fail”. Advise COR of any recommended repairs and provide quotes for parts and labor.

5.3.1.164 **LEAK DETECTION AND REPAIR**

- 5.3.1.165 Leak Detection and Repair is a strategy for water use reduction.
- 5.3.1.166 Actuate individual irrigation zones weekly by manual starts. Observe for broken/malfunction sprinkler heads, leaks in piping visible at the surface. Isolate leaks and make repairs within 24-hours of identification. Adjust radius, arc and trajectory of sprinkler heads to prevent overspray.
- 5.3.1.167 At least quarterly monitor flow meters to detect water flow when the system is not in use. This method will be used to detect leaks that may not be visible on the surface level. Isolate mainlines and submains until leak(s) is detected. Isolate and repair mainline/submain leak(s) in landscape within 48-hours of detection. For leaks under paving, isolate the leaks and immediately notify the COR of the leak location(s), so the Government can hire a leak detection company to pin-point the leak location(s). Make provisions to irrigate landscapes until repairs are completed.
- 5.3.1.168 Create a wall map of the actual irrigation mainline routing and actual locations of isolation/shut-off valves so irrigation mainline can be isolated for leak detection, and shut down during mainline breaks, and segments isolated for repairs. Obtain the CAD electronic file from the District Irrigation Specialist or Engineers for this purpose. Verify actual field locations of mainline and isolation valves; and adjust line work on drawings accordingly. Provide dimensions on drawing showing location of isolation valves from two fixed points (e.g., face of curb, wall, etc.). Plot a color-coded drawing with different colors for mainline and isolation valves onto one or more 30 by 42 inch sheets as required for legibility. Laminate and post drawing(s) in a convenient location for staff's use.
- 5.3.1.169 After repair of pressure and non-pressure irrigation line breaks and equipment repairs, flush lateral lines to the satisfaction of the COR. Direct water flow onto landscape areas or into approved storm drainage structures. Remove all heads on ends of lateral lines for lateral line flushing. Open all flush valves on ends of drip tubing for drip line flushing.
- 5.3.1.170 To ensure compatibility with existing equipment, all parts and supplies used for repair and maintenance shall be the same size, type, model and brand of the part to be replaced and COR-approved prior to installation. Provide the invoice from irrigation distributor as evidence of cost for the part.
- 5.3.1.171 **MAJOR IRRIGATION SYSTEM REPAIRS (NOT IN CONTRACT)**
- 5.3.1.172 Repairs on pressure pipe and valves upstream of and including the master valves shall be considered "Construction" and will be repaired under a separate contractual agreement with either "the Contractor," a different contractor, or with Government materials and/or labor, at the Government's discretion. This typically includes: water meters, service lines, backflow preventers, pressure-regulating valves, master valves, flow meters, hydrometers, isolation valves, vaults and valve box assemblies in roadways, mainline pipe and fittings, pipe restraints, irrigation controllers, electrical power lines, valve control wires, cables and conduits under paving.
- 5.3.1.173 Where broken pipe, fittings, control wires and irrigation valves require removal of hardscape elements (e.g., pavements, walls, footings, etc.), to make the repairs, itemize the work of removal and replacement of the hardscape element(s) separate from the irrigation repairs and respective equipment/parts. Quotes must include pricing for replacement paving materials to match the existing materials and finishes. The customary and reasonable excavation and backfill associated with the repair of the irrigation equipment must not be included in the quote for hardscape element removal and replacement. Submit the quote to the Contracting Officer.

5.4 POND SERVICES

CLIN 0004 – Qty 12 Months

Subject to SCA and Commercial Provisions/Clauses

General Requirements:

- Irrigation Pond/Lake and Canal Maintenance
- Stormwater Pond and Wetland Maintenance

5.4.1 IRRIGATION POND/LAKE and CANAL MAINTENANCE

5.4.1.1 SCOPE

5.4.1.2 Maintain ponds, lakes and canals (including banks and shoals) free of aquatic vegetation, algae, pests and foreign objects which will detract from the appearance of the water features and the use of its water for landscape irrigation purposes. For purposes of this section, the terms “pond” and “lake” are used interchangeably, and may be used directly or indirectly for holding or transporting irrigation water.

5.4.1.3 Maintain pond aeration equipment.

5.4.1.4 Maintain pond fill lines, valves, and drains.

5.4.1.5 Maintain water in ponds at the appropriate level.

5.4.1.6 Reposition rip-rap stones to cover pond liner where exposed.

5.4.1.7 POND MAINTENANCE

5.4.1.8 Create a pond management plan by a licensed and trained aquatic biologist showing all maintenance activities and schedule of pond treatment applications throughout the year.

5.4.1.9 Provide annual testing of water for pH, total dissolved solids, dissolved oxygen, nitrate-nitrogen, alkalinity, aluminum, iron, manganese, phosphorus, sulfate, and hardness and E. coli. Water clarity levels will be evaluated in SECCI disk readings and NTU readings.

5.4.1.10 Tests must be conducted by an accredited laboratory, university, or agricultural extension in the state in which the pond is located. Test reports shall be accompanied with interpretation and recommendations for correction. Provide report to COR.

5.4.1.11 Identify all vascular weeds and algae growth found growing in the lakes/ponds. Utilize waste digesting bacteria to help breakdown organic build-ups and control odors. Utilize anti-foaming agents on an as needed basis.

5.4.1.12 Where high phosphorus levels are causing algal blooms, treat water to reduce availability of phosphorus.

5.4.1.13 Coordinate with fertilizer applications to restrict applications of fertilizers containing phosphorus within 50 feet of water entryways.

5.4.1.14 Treat water for control of aquatic weeds and algae.

5.4.1.15 Treat water for control of undesirable insects, with special attention to controlling vectors for Zika and West Nile viruses.

- 5.4.1.16 Aquatic pesticides must be applied by licensed pesticide applicators in the state of application. Copies of these licenses will be provided to the COR prior to initiation of contract.
- 5.4.1.17 Provide written pest control recommendations and SDS sheets for algaecides and herbicides used throughout the contract for COR review and approval.
- 5.4.1.18 Aquatic pesticides must be EPA approved and registered for use in the state of application.
- 5.4.1.19 Select algaecides and herbicides products for the control and reduction of excessive growth of aquatic submerged and emerged algae and/or weeds.
- 5.4.1.20 Discourage the use of the water bodies by water fowl. Encourage a no feeding policy.
- 5.4.1.21 Remove trash, debris and other foreign objects from water bodies whether on the surface, suspended or submerged.
- 5.4.1.22 Do not use chemicals in the pond which will be harmful to turf and other landscape plants.
- 5.4.1.23 Lower pond water levels prior to treatments to prevent unwanted loss of chemicals from overflowing waters.
- 5.4.1.24 Clear intake and outfall structures of debris as needed especially after storm events.
- 5.4.1.25 **POND AERATION EQUIPMENT MAINTENANCE**
- 5.4.1.26 Provide a preventive maintenance plan for pond fountains/aeration equipment based on manufacturer's Operations and Maintenance manuals. Perform routine maintenance service on pond fountain/aeration systems by a qualified aeration equipment technician. Obtain a copy of the O&M manual from the COR.
- 5.4.1.27 Annually, clean the pond fountains. Remove the fountain assembly completely from the water to perform the cleaning and check for any damage and wear of the equipment.
- 5.4.1.28 Annually, disconnect the unit from the power source and physically inspect the aerator and underwater cable for any cuts, cracks or breaks as these may cause oil leaks or electrical shorts. Inspect and clean the pumping chamber components and screen.
- 5.4.1.29 Provide any needed repairs to connections and clean assemblies.
- 5.4.1.30 Provide written service report to COR after each visit and alert COR of any recommended repairs above and beyond routine maintenance. Submit quote for repairs to COR.
- 5.4.1.31 Check mooring/anchor lines after storm events. Secure units in place evenly distributed within the pond surface.
- 5.4.1.32 Perform a simple oil change every two years beginning in the Base Year of the contract. Manufacturer-approved oil must be used for this oil change for environmental and heat dissipation purposes.
- 5.4.1.33 Winterization: Units considered under the Aeration Line (e.g., Sunburst, Gemini and Saturn) can remain in the water during the winter but need to run a minimum of 12 hours per day, and must run 24 hours per day when temperatures drop below 20° Fahrenheit or -7° Celsius. For units in locations with freezing weather, remove, clean, package and store in a secure location within the pump house before the pond freezes over.

- 5.4.1.34 Proper Storage: When storing units keep them upright, or if tilting to the side, be sure to keep the bulkhead facing up. Units must never be stored upside down.
- 5.4.1.35 **POND SUBMERGED AERATION EQUIPMENT MAINTENANCE**
- 5.4.1.36 Provide a preventive maintenance plan for subsurface pond aeration equipment based on manufacturer's Operations and Maintenance manuals. Perform routine maintenance service on pond aeration systems by a qualified aeration equipment technician. Obtain a copy of the O&M manual from the COR.
- 5.4.1.37 Annually, perform visual inspection of aeration mechanical system including air compressor, pressure gauges, check valves, pressure-reducing valve, air filters, air aftercooler, piping, timer and electrical controls for proper functioning.
- 5.4.1.38 Annually, test turn-over rate of diffuser modules to meet design flow as specified by Marine Biochemist (e.g., 2.5 SCFM per module (10 SCFM total.)
- 5.4.1.39 Check the intake filters and vanes quarterly and replace if necessary, once per year at a minimum.
- 5.4.1.40 Annually, test pressure output from compressor to meet design pressure. Replace faulty piston rings, piston cup, gaskets, seals and leaf valves as part of routine maintenance service.
- 5.4.1.41 Annually perform visually inspection of check valve, distribution manifold piping, flow meters, and isolation valves serving the submerged diffuser module assemblies.
- 5.4.1.42 Flush debris from pumps using manufacturer's recommended flushing solvent when servicing the units.
- 5.4.1.43 Provide any needed repairs to connections and clean assemblies.
- 5.4.1.44 Provide written service report to COR after each visit and alert COR of any recommended repairs above and beyond routine maintenance. Submit quote for repairs to COR.
- 5.4.1.45 **POND PUMPS, VALVES, FILL LINE, AND DRAIN MAINTENANCE**
- 5.4.1.46 Perform routine maintenance on pond water make-up pumps, valves, fill lines, irrigation ditch head gates, overflow drains, channels and spillways.
- 5.4.1.47 Clear intake and outfall structures of debris as needed especially after storm events.
- 5.4.1.48 Quarterly, exercise shut-off, diversion
- 5.4.1.49 Valves, and head gates. Inspect for complete closure. Provide a report to the COR.
- 5.4.1.50 **STORMWATER POND and WETLAND MAINTENANCE**
- 5.4.1.51 **SCOPE**
- 5.4.1.52 Maintain Stormwater detention and retention ponds/basins in accordance with requirements of agencies having jurisdiction over these facilities. Overflow/detention ponds associated with Irrigation Ponds/Lakes are also included under this Chapter. Manage stormwater ponds to maintain the stormwater detention/treatment function for which they were designed while allowing natural wetland vegetation to become established.
- 5.4.1.53 Open and close by-pass valves, and operate lift pumps to lower water levels from detention and retention ponds/basins as approved by the COR and/or agencies having jurisdiction over these

facilities. Assure that there is sufficient free-board in stormwater facilities to allow on-site stormwater to drain to these structures prior to forecasted storm events.

- 5.4.1.54 Maintain Wetland Mitigation Areas free of non-native plant species and foreign objects which will compete with the objective to create self-sustaining wetland and buffer communities that provide similar functions to natural wetland systems. Preserve existing functions and protect from direct and indirect damage.
- 5.4.1.55 **VEGETATION/DEBRIS CONTROL**
- 5.4.1.56 Mow grasses growing within the basins 1 to 2 times per year as water levels allow (i.e., when little to no standing water is present).
- 5.4.1.57 Spot-treatment of non-native/invasive weeds two times per year with an herbicide approved for use around wetlands (Glyphosate product such as 'Aquamaster', 'Rodeo', or approved equal), or other herbicides as appropriate to species present.
- 5.4.1.58 Remove weed trees and shrubs and their root systems growing inside basins. Fill excavations with clean sand, or other COR-authorized fill material.
- 5.4.1.59 Monitoring of herbicide treatment success and re-treatment as necessary.
- 5.4.1.60 Trimming and/or pruning of wetland plant material annually if needed using line-trimmers, saws and pruners.
- 5.4.1.61 Treat for control of algae.
- 5.4.1.62 Remove trash and debris.
- 5.4.1.63 **DRAINAGE STRUCTURE MAINTENANCE**
- 5.4.1.64 Maintain pits, sumps, retention and detention ponds/basins to prevent a breeding habitat for mosquitoes or other vectors.
- 5.4.1.65 Clean-out and maintain culverts, spillways, inflows, outflows and piping.
- 5.4.1.66 Clean-and maintain rock-lined swales/ concrete channels and outfalls free of sediment, weeds, trash and debris.

5.5 DRAINAGE SYSTEM MAINTENANCE

CLIN 0005 – Qty 12 Months

Subject to SCA and Commercial Provisions/Clauses

- 5.5.1 SCOPE
- 5.5.1.1 Maintain the surface/street drainage system by inspecting monthly and after every rainstorm, and clearing and cleaning the grates and catch basins as required for proper drainage.
- 5.5.1.2 Remove standing water from gravesites and memorial areas.
- 5.5.1.3 Maintain rock dissipaters at outfalls by removal of sediment.
- 5.5.1.4 Maintain stormwater pond lift pump stations and drain lines.

- 5.5.1.5 Place and maintain erosion control measure (e.g., straw wattles, sand bags) in strategic locations to keep soil and bark mulch from washing onto roadways and into catch basins during rain events.

5.5.1.6 **GENERAL REQUIREMENTS**

- 5.5.1.7 Clear culverts and drain lines of debris annually.
- 5.5.1.8 Remove covers/grates for drainage structures and clean catch basins and trench drains of debris annually. Clean sediment traps if present. Replace traps, grates, and re-secure covers.
- 5.5.1.9 Clean concrete gutter/terrace drains of dirt and debris monthly.
- 5.5.1.10 Clear drain lines in gravel beds at flower strips in columbaria courts annually.
- 5.5.1.11 Clean sediments at rock outfalls as needed to increase capacity for sediment capture. Excavate rock, remove sediment, and replace rock.

5.5.1.12 **STORM DRAIN LIFT PUMPS MAINTENANCE**

- 5.5.1.13 Perform routine maintenance on the pond lift submersible pumps at each stormwater basins. Inspect and provide routine maintenance on pump station controls, valves, fill lines, overflow drains, sumps, channels and spillways.
- 5.5.1.14 Provide two yearly service calls. Schedule one service call in the late fall prior to winter storms.
- 5.5.1.15 Test for proper operation and provide written service report to COR after each visit and alert COR of any recommended repairs. Submit quote for repairs to COR.
- 5.5.1.16 Provide two yearly service calls to provide routine maintenance on lift pump stations. Inspect float switch and sump pumps. Schedule one service call in the late fall prior to winter storms. Test for proper operation and provide written service report to COR after each visit and alert COR of any recommended repairs. Submit quote for repairs to COR.

5.6 TRASH & DEBRIS REMOVAL

CLIN 0006 – Qty 12 Months

Subject to SCA and Commercial Provisions/Clauses

5.6.1 SCOPE

- 5.6.1.1 Maintain all the cemetery grounds and turf free of trash and debris. The Contractor shall empty all trash bins a minimum of twice daily – once in the AM and once in the PM – and additionally as necessary throughout the Riverside National Cemetery every day, including weekends and all Federal holidays, to maintain a clean, dignified National Shrine environment. Work includes removing trash, replacing liners as needed, cleaning around receptacles, and transporting waste to designated dumpsters. Service must occur between 7:00 AM and 3:30 PM, ensuring bins are emptied, clean, and not overflowing before peak visitation.
- 5.6.1.2 The Contractor shall provide all labor, supplies, liners, equipment, and trained staff; RNC will provide access, the COR, and disposal areas. The COR or designated cemetery personnel will perform inspections to confirm bins are emptied, areas clean, and standards are met. Safety requirements include OSHA compliance, PPE use, and safe vehicle operation.

- 5.6.1.3 Work consists of collecting and removing all trash, debris, fallen leaves, needles, seed pods and branches, dead and unsightly flowers from the cemetery grounds, driveways, parking areas, and areas within the public right-of-way between the cemetery proper and edge of pavement at least weekly, and usually in conjunction with the mowing cycle.
- 5.6.1.4 Work includes emptying cemetery trash receptacles each workday, and regular floral pickup at gravesites and columbaria each workday. Floral arrangement must be treated in accordance with National Cemetery Administration Floral Regulations. Random inspections will be conducted by the COR.
- 5.6.1.5 Debris piles, equipment, tools and supplies must be removed at the conclusion of each task or at the end of each workday.
- 5.6.1.6 All roads, driveways, walkways, shelters and burial sections must be free of grounds maintenance debris by the end of the workday.
- 5.6.1.7 All trash collection points are screened from the public view.
- 5.6.1.8 Provide a commercial waste collection and removal contract with licensed waste management company for weekly emptying of contractor-provided dumpsters if not provided by the Cemetery.
- 5.6.1.9 Remove non-conforming gravesite decorations/commemorative items. Any items collected from gravesites that may be deemed of monetary or clear sentimental value will be placed in bags, tagged with date and location found (e.g., headstone number) and stored in a cemetery-approved holding location for 30 days. Visitors inquiring about items of value left on graves will be directed to this holding site.
- 5.6.1.10 **GENERAL REQUIREMENTS**
- 5.6.1.11 Cemetery area includes all of land within the property lines, areas outside the walls and fences, including the areas within the public rights-of way to the edge of public roads, and any debris collecting within the gutters of public roads.
- 5.6.1.12 Definition: Trash & Debris are defined as any item, material or foreign object not permanently attached to or planted within cemetery grounds and boundaries. Items include, but are not limited to leaves, needles, flowers, seed-pods, twigs, branches of all sizes, feces, paper products, cigarette butts, gum, glass and metal products, plastic and any other synthetic items, gravel, asphalt, concrete, loose rock and stones over two inches (2") in diameter, and soils that are a result of interment operations.
- 5.6.1.13 Trash & Debris Removal: In addition to trash and debris removal each workday, trash & debris must be removed from all areas in conjunction with each mowing cycle. Trash & debris removal must also include clearing of all roads/walks with a power leaf blower as necessary to clean the street / walkways of clippings, small debris and leaves.
- 5.6.1.14 Also included is trash & debris found within the trash receptacles located throughout Cemetery grounds which will be collected each workday throughout the year.
- 5.6.1.15 Green Waste Removal: The Contractor must be responsible for the proper collection, removal and disposal of all debris resulting from tree and shrub pruning operations. All tree limbs, branches, wood chips, bush/shrub/hedge clippings and other vegetative debris must be removed from cemetery grounds the same day the work is performed and be disposed of in a legal manner.

5.6.1.16 PROCEDURES

- 5.6.1.17 Each workday inspect all areas of the cemetery and ensure that there is no accumulation of debris in any area.
- 5.6.1.18 Provide the necessary labor and suitable conveyance each workday for pickup of debris from cemetery grounds.
- 5.6.1.19 Each workday, fallen tree limbs of all sizes must be removed. Leaves/needles and twigs must be hand raked, vacuumed or blown by walk-behind push type machines from interment areas into the roadways, and then collected and properly deposited into waste receptacles. Do not move debris into planting beds, woodland/wetland areas, and rock mulch beds. Remove trash & debris from planting beds and mulch beds (e.g., bark mulch, decomposed granite, paths fines, gravel).
- 5.6.1.20 In addition to daily trash and debris removal, all trash, debris, contents of trash cans, dead or unsightly flowers and fallen tree limbs must be removed from cemetery areas in conjunction with each mowing cycle.
- 5.6.1.21 Walkways, driveways, roads, and parking areas must be swept following mowing activities.
- 5.6.1.22 Floral Pick-up: Collect and dispose of all grave decorations according to the cemetery floral policy. (See Appendix A for RNC's floral policy). Remove, clean and replace flower cones into designated receptacles. Floral cones must be neatly stacked upside down to prevent water from accumulating in them. Schedule general floral pickup from gravesites as follows:
- 5.6.1.23 Remove unsightly cut flowers weekly in conjunction with each mowing cycle.
- 5.6.1.24 Remove unsightly cut flowers on a twice-monthly basis during the non-mowing season.
- 5.6.1.25 Remove potted plants and artificial flowers placed on gravesites more than 5 days before and 5 days after Christmas and Easter. Potted plants are allowed only ten (10) days before and ten (10) days after Easter Sunday and Memorial Day. Artificial Flowers will be permitted on graves only during the periods of November through March only if their presence will not interfere with grounds maintenance. Additionally, they will be allowed ten (10) days before and ten (10) days after Easter Sunday and Memorial Day.
- 5.6.1.26 Remove and tag with location all non-conforming gravesite decorations (e.g., balloons, wind ornaments, solar lights, etc.), and Christmas trees and deliver to location as approved by the COR. All keepsake/mementos must be kept in designated area for 30 days as approved by the COR.
- 5.6.1.27 Annual Ceremonies Clean-up: Remove wreaths and American flags placed on gravesites as approved by the COR. Remove flags placed on gravesites outside of holidays when needed for Grounds Maintenance or when the flags become unserviceable.
- 5.6.1.28 Collect and Tag all grave decorations and clean and re-stock all flower cones. Schedule general floral pickup from gravesites in accordance with the Cemetery's posted Floral Policy. Post the pickup date on the sign located on the entry drive.
- 5.6.1.29 Storm Clean-Up (wind, rain, hail, snow, ice): Check and clean up the cemetery on the next working day following a storm event unless the extent of the storm prompts civil defense authorities to declare emergency movement only. Should this occur, clean-up must be done as soon as emergency restrictions are lifted.

- 5.6.1.30 In conjunction with each mowing cycle, all trash, debris, contents of trash cans, grave decorations, dead or unsightly flowers and fallen tree limbs must be removed from cemetery areas.
- 5.6.1.31 Removal, segregation, containment, and disposal of waste off of the cemetery grounds must be the responsibility of the Contractor. This includes spoils removal left over from interment operations.
- 5.6.1.32 Provide dumpster delivery and pickup services for waste segregation and removal. Dumpster sizes must be suitable for the available storage space and frequency of pick-up.
- 5.6.1.33 Separate all recyclable and non-recyclable waste as follows:
- 5.6.1.34 Non-recyclable waste must be deposited in a corresponding commercial trash receptacle/dumpster.
- 5.6.1.35 Recyclable waste must be deposited in a corresponding commercial trash receptacle/dumpster.
- 5.6.1.36 Green waste (i.e., dead flowers, grass clippings, plant trimmings, etc.) will be deposited in a corresponding commercial trash receptacle/dumpster.

5.7 STRUCTURE CLEANING

CLIN 0007 – Qty 12 Months

Subject to SCA and Commercial Provisions/Clauses

5.7.1 SCOPE

- 5.7.1.1 Provide regular and routine maintenance to all elements of the columbaria, the surrounding courts, memorial wall, and ossuary.
- 5.7.1.2 Clean and provide minor upkeep to buildings, rostrum, entry features, signage, lighting, perimeter walls, planter walls, seat wall, fences and gates, and site furnishings. Provide and maintain fire extinguishers.
- 5.7.1.3 See Appendices for locations and estimated quantities of structures to be maintained.

5.7.2 DEFINITIONS

- 5.7.2.1 Clean: Free of all foreign matters.
- 5.7.2.2 Foreign Matter: Dirt, marks, stains which can be removed with reasonable cleaning effort and appropriate cleaning agents and equipment. Feces of all types.
- 5.7.2.3 Reasonable Cleaning Effort: Commercially reasonable amount of time and expenditure of physical effort needed to clean an element utilizing commercially available equipment and products designed specifically for that task.
- 5.7.2.4 Cleaning Agents: Products and substances (usually liquids, pastes, powders, sprays, or granules) used to remove dirt and detritus, including dust, stains, and oxidation on surfaces.'
- 5.7.2.5 Cleaning Equipment: Devices, tools, and machines designed for specific cleaning tasks, including pads and clothes.
- 5.7.2.6 Polished: Smooth and shiny as a result of being rubbed. Free of oxidation.

5.7.3 COLUMBARIUM COMPLEXES

- 5.7.3.1 Bi-annually Cleaning of the Columbarium Walls, Bronze niche covers, marble niche covers, and Memorial Wall structures by pressure washing twice a year to remove efflorescence, stains, and debris. Use low pressure setting on concrete and stonework. Schedule cleaning one week before both Memorial Day and Veterans Day. Use lowest possible pressure setting while cleaning concrete to prevent reoccurrence of efflorescence.
- 5.7.3.2 Work shall be performed between 8:00 AM and 4:30 PM, Monday through Friday, unless authorized by the COR.
- 5.7.3.3 Contractor shall furnish all personnel, equipment, and approved cleaning products.
- 5.7.3.4 Contractor shall submit SDS and product data sheets for approval prior to use.
- 5.7.3.5 Protect turf and gravel bed areas from damage; restore any damage at no cost to the Government.
- 5.7.3.6 Follow manufacturer's printed instructions for product mixing and application.
- 5.7.3.7 Clean concrete, brick and stone veneer end caps, bases, and tops of structures by power washing to remove stains and residue. Protect niche covers, memorial markers, and gravel flower strips from power washing operations.
- 5.7.3.8 Clear gutters of debris. Clear gutter outfalls and clean rain chains. Remove insect nests.
- 5.7.3.9 Clean surrounding structures, (e.g., seat walls, and site walls along the walkways leading to and from the main structures.)
- 5.7.3.10 Remove plant litter, trash and other debris from the courts each workday. Collect and remove debris from the site. Do not use leaf blowers to move the debris into natural areas (wetlands/woodlands). Remove mementoes placed in planting beds, (e.g., painted rocks).
- 5.7.3.11 Remove objects placed on or attached to niche covers, memorial markers and columbaria walls each workday, (i.e. flowers, stickers, balloons, rocks and other items set, taped or tied on).
- 5.7.3.12 Remove graffiti each workday, including lipstick.
- 5.7.3.13 Remove efflorescence on concrete surfaces and stone work when evident by brushing with a stiff plastic bristle brush and mild detergent and water.\
- 5.7.3.14 Remove mold/mildew from surfaces of concrete when evident by using an approved biological cleaning agent such as 'D2 Biological Cleaner', following the manufacturer's printed instructions.
- 5.7.3.15 Remove potted plants per floral regulations. (See Floral Regulations.)
- 5.7.3.16 Remove non-conforming gravesite decorations and Christmas trees and deliver to a specified location or dispose thereof as approved by the COR. Tag items with the gravesite number for later identification by the family.
- 5.7.3.17 Remove, clean, and replace flower cones into designated receptacles each workday. Floral cones shall be neatly stacked upside down to prevent rainwater from accumulating in them.
- 5.7.3.18 Provide additional flower cones for high usage times of the year (e.g., the Friday prior to Easter Sunday, Memorial Day, Mother's Day, Christmas, etc.) and other times as approved by the COR.
- 5.7.3.19 Remove fresh cut flowers when they become unsightly and all debris in gravel flower strip.

5.7.3.20 Rake gravel flower strips of columbaria and memorial walls each workday to remove debris and to evenly distribute material. Remove non-conforming gravel/pebbles from flower strips.

5.7.3.21 Replenish gravel at flower strip of columbaria/memorial walls annually in July with matching gravel. Submit gravel sample to COR for approval prior to placement. Fill gravel up to 1/2-inch below top of surrounding concrete walkway.

5.7.4 **CLEANING TECHNIQUES**

5.7.4.1 Cleaning techniques for Columbarium Walls shall include high-pressure spraying (not exceeding 800 psi), scrubbing, and rinsing with clean water. Contractors shall demonstrate sensitivity to environmental issues such as groundwater contamination and comply with all Federal, State, and County laws and regulations.

5.7.4.2 All Columbarium complexes (1. Columbarium, 2. Columbarium A, 3. Columbarium B, 4. Columbarium C, and 5. Columbarium D) niches of veterans, spouses, and dependents shall receive biannual washing (two times per year), ensuring they are clean, free of debris, and objectionable accumulations.

5.7.4.3 Contractor shall place a protective mat at the base of the columbarium to protect fallen niche markers during the washing process.

5.7.4.4 Contractor shall inform the COR of any fallen niche markers immediately.

5.7.5 **MARBLE NICHE COVER CARE**

5.7.5.1 Prior to washing marble niche covers, use only NCA-approved biological cleaning products: 'D/2 Biological Solution' or 'Weather-Zyme'. Submit SDS, application method, and work plan to COR for approval before use.

5.7.6 **TURF AND GRAVEL PROTECTION**

5.7.6.1 Protect turf using rubber mats during cleaning. Avoid contact between cleaning agents

5.7.6.2 and turf exposed to direct sunlight. Restore any damaged turf or gravel beds at no cost to the Government

5.7.7 **COLUMBARIUM COMPLEXES TASKS**

5.7.7.1 Clean Columbaria and Memorial Wall structures by pressure washing twice a year (one week before Memorial Day and Veterans Day) to remove efflorescence, stains, and debris. Use low pressure on concrete and stone work.

5.7.7.2 Clean concrete, brick, and stone veneer end caps, bases, and tops of structures by power washing to remove stains and residue. Protect niche covers, memorial markers, and gravel flower strips.

5.7.7.3 Clear gutters of debris, clean rain chains, and remove insect nests.

5.7.7.4 Clean surrounding structures such as seat walls and site walls along walkways.

5.7.7.5 Remove plant litter, trash, and other debris from courts daily. Do not blow debris into natural areas. Remove mementos placed in planting beds.

5.7.7.6 Remove objects placed on or attached to niche covers, memorial markers, and columbaria walls daily (flowers, stickers, balloons, rocks, etc.).

5.7.7.7 Remove graffiti daily, including lipstick.

- 5.7.7.8 Remove efflorescence on concrete and stone surfaces using stiff plastic bristle brush and mild detergent.
- 5.7.7.9 Remove mold/mildew using approved biological cleaner (e.g., D/2 Biological Solution).
- 5.7.7.10 Remove potted plants per floral regulations.
- 5.7.7.11 Remove non-conforming decorations and Christmas trees; tag items with gravesite number and deliver to specified location.
- 5.7.7.12 Remove, clean, and replace flower cones daily; stack upside down to prevent water accumulation.
- 5.7.7.13 Provide additional flower cones for high usage times (Memorial Day, Easter, Mother's Day, Christmas).
- 5.7.7.14 Remove fresh cut flowers when unsightly and debris from gravel flower strips.
- 5.7.7.15 Rake gravel flower strips daily to remove debris and evenly distribute material; remove non-conforming gravel.
- 5.7.7.16 Replenish gravel annually in July with matching gravel; submit sample to COR for approval prior to placement.

5.7.8 BRIDGES/CULVERTS

- 5.7.8.1 Two times a year (one week prior to Memorial Day and Veterans Day), pressure wash concrete bridge/culvert structures to remove efflorescence, stains, and debris. Apply non-toxic efflorescence remover to concrete following manufacturer's printed instructions when pressure washing alone does not remove deposits. Pressure wash metal guardrails to remove dirt and debris.

5.7.9 MEMORIAL PLAQUES, INSIGNIA AND SERVICE SEALS

- 5.7.9.1 Three times a year (one week prior to Memorial Day and Veterans Day and as needed with the approval of the COR), clean and polish bronze VA seal and medallions of the military service insignia inside the Committal Shelters and at the Rostrum with appropriate metals cleaners and wax to remove grease, oxidation and stains following manufacturer's printed instructions.
- 5.7.9.2 Three times a year (one week prior to Memorial Day and Veterans Day and as needed with the approval of the COR), clean and polish Blue Star Memorial sign and Memorial Plaques with appropriate metal cleaners and wax to remove grease, oxidation and stains following manufacturer's printed instructions.
- 5.7.9.3 Riverside National Cemetery (RNC) has five large memorials that require maintenance: National POW/MIA Memorial, Veterans Memorial, Gold Star Family Monument, American Indian Alaska Native Veterans Memorial, and National Congressional Medal of Honor Memorial.

5.7.10 GENERAL REQUIREMENTS

- 5.7.10.1 Ensure the memorials and adjacent hardscape and landscaped areas are properly maintained in honor of the specific veteran groups they represent.
- 5.7.10.2 All government memorials and adjacent areas shall not be damaged by contractor operations
- 5.7.10.3 Services will be performed between 8:00 AM and 4:30 PM, Monday through Friday, at times agreed with the COR.
- 5.7.10.4 Contractor shall furnish personnel, equipment, and materials to perform tasks.

- 5.7.10.5 Contractor supervisor shall submit a quality control inspection checklist to the COR after every maintenance cycle.
- 5.7.10.6 Contractor is responsible for removal of all leaves, clippings, and debris from the site.
- 5.7.10.7 Any unforeseen damages to structures or vegetation shall be remedied with COR and CO approval.
- 5.7.10.8 Cleaning Techniques for Memorial Monuments
- 5.7.10.9 Cleaning techniques for Memorial monuments shall include high pressure spraying, scrubbing, and rinsing with water. Cleaning techniques shall demonstrate a clear understanding of, and the sensitivity to, such environmental issues as ground water contamination, wetlands, etc., and shall be consistent and fully compliant with all applicable Federal, State, and County laws, ordinances, and regulations.
- 5.7.10.10 Clean water shall be used to clean headstones. Cleaning techniques with water shall include high-pressure spraying, hand scrubbing, and rinsing. When water under pressure is used, such pressure shall not be greater than 800 psi. Any issues with the recommended pressure will be communicated to the COR.
- 5.7.10.11 Excessive staining and/or discoloration may be removed with pressurized water and a stiff nylon or natural bristle brush (no wire brushes, bleach, or abrasive cleaners shall be permitted at any time) followed by rinsing with clear water.
- 5.7.11 **Comprehensive Maintenance for Monument Landscaped Areas**
- 5.7.11.1 The contractor shall provide all personnel, equipment, and materials to maintain the aesthetic integrity and health of landscaped areas surrounding the National POW/MIA Memorial, Veterans Memorial, Gold Star Family Monument, American Indian Alaska Native Veterans Memorial, and National Congressional Medal of Honor Memorial (MOH).
- 5.7.11.2 Plant Care and Preservation
- 5.7.11.3 Target Species: The contractor shall maintain all existing roses, Ginkgo Biloba trees, cypress trees, and hedges adjacent to and surrounding all monuments.
- 5.7.11.4 Pruning and Shaping:
- 5.7.11.5 Hedges: Trim hedges weekly (e.g., at the Veterans Memorial and Gold Star Family Monument) to maintain a uniform appearance.
- 5.7.11.6 Cypress Trees: Prune to promote healthy growth and maintain a target height of 18 feet. This includes quarterly crown reduction and biannual topping.
- 5.7.11.7 Roses: Prune roses annually in the winter to shape plants and encourage new growth.
- 5.7.11.8 Watering: Perform monthly irrigation checks and repair or replace broken bubblers or risers surrounding roses, Ginkgo Biloba, cypress trees, and hedges. Maintain dripline systems or soaker hoses at the base of trees to ensure deep water penetration.
- 5.7.11.9 Fertilization and Pest Control:
- 5.7.11.10 Apply fertilizer five times within eight months, starting in the spring.
- 5.7.11.11 Apply appropriate fungicide or herbicide treatments six times within eight months to control pests and disease, ensuring all treatments are COR-approved and SDS-compliant.
- 5.7.11.12 Replacement of Plant Material
- 5.7.11.13 Annual Allowance: The contractor shall provide for the replacement of up to five (5) plants per year as necessary to maintain the integrity and aesthetic quality of the landscaped areas.

- 5.7.11.14 Specifications: Replacements must be of the same species or an approved equivalent and match the size and quality standards of adjacent healthy plants.
- 5.7.11.15 Specific PWS Requirements:
- 5.7.11.16 Cypress Trees: Replacements for dead cypress trees must be a minimum size of 15 gallons or larger.
- 5.7.11.17 Roses: The contractor remains responsible for removing and replacing all dead rose bushes during annual winter maintenance.
- 5.7.11.18 Approval: All replacements must meet landscape specifications and receive COR approval before installation.
- 5.7.11.19 General Standards
- 5.7.11.20 Horticultural Care: All work shall comply with industry best practices for horticultural care and local environmental regulations.
- 5.7.11.21 Growth Establishment: The contractor shall ensure that all replaced plants are properly installed with appropriate soil preparation and maintained to establish healthy growth.
- 5.7.11.22 Protection of Property: Contractor operations must not damage government memorials or adjacent areas. Any unforeseen damage to vegetation or structures caused by the contractor shall be remedied at no additional cost to the government.
- 5.7.11.23 Safety: The contractor must utilize professional-grade equipment and ensure compliance with OSHA and VA safety standards during all pruning and maintenance operations.
- 5.7.12 **SCOPE OF WORK – NATIONAL POW/MIA MEMORIAL**
- 5.7.12.1 (Monthly) Clean all areas with power leaf blower and pressure wash all hard surfaces (Granite, Stone, Concrete) out to the POW flag circle using proper settings to avoid damage. Remove objectionable material and discoloration (bird droppings, grass stains, tree residue, fungus, lichens). Wipe dry granite surfaces with microfiber cloth to spot-free finish.
- 5.7.12.2 (Weekly) Hand clean granite surfaces with plain water and lint-free microfiber cloth to remove dust, dirt, and stains. Wipe dry to spot-free finish.
- 5.7.12.3 (Weekly) Hand clean bronze metal surfaces per manufacturer specifications and COR approval. Wipe dry to spot-free finish.
- 5.7.13 **SCOPE OF WORK – VETERANS MEMORIAL**
- 5.7.13.1 (Monthly) Clean all areas with power leaf blower and pressure wash all hard surfaces within the round stone memorial area using proper settings. Wipe dry granite surfaces with microfiber cloth to spot-free finish.
- 5.7.13.2 (Weekly) Hand clean granite surfaces with plain water and lint-free microfiber cloth. Wipe dry to spot-free finish.
- 5.7.13.3 (Weekly) Hand clean bronze metal surfaces per manufacturer specifications and COR approval. Wipe dry to spot-free finish.
- 5.7.13.4 (Weekly) Trim hedges inside the round stone memorial area to maintain uniform appearance.
- 5.7.13.5 (Weekly) Pull all visible weeds and remove leaves and trash from within the round stone memorial area.
- 5.7.13.6 Apply fertilizer 5 times within 8 months starting in spring.

- 5.7.13.7 Apply fungicide/herbicide 6 times within 8 months starting in spring.
- 5.7.13.8 Prune roses annually (winter) to shape plants and encourage new growth; remove and replace all dead rose bushes.
- 5.7.13.9 Perform monthly irrigation checks and repair/replace broken/worn/leaking bubblers or risers surrounding roses and star jasmines promptly.
- 5.7.14 **SCOPE OF WORK – GOLD STAR FAMILY MONUMENT**
- 5.7.14.1 (Monthly) Clean all areas with power leaf blower and pressure wash all hard surfaces within the round stone memorial area using proper settings. Wipe dry granite surfaces with microfiber cloth to spot-free finish.
- 5.7.14.2 (Weekly) Clean all areas with power leaf blower (Granite and Concrete Walkways) within the memorial area.
- 5.7.14.3 (Weekly) Hand clean granite surfaces with plain water and lint-free microfiber cloth. Wipe dry to spot-free finish.
- 5.7.14.4 (Weekly) Hand clean bronze metal surfaces per manufacturer specifications and COR approval. Wipe dry to spot-free finish.
- 5.7.14.5 (Weekly) Trim hedges inside the round stone memorial area to maintain uniform appearance.
- 5.7.14.6 (Weekly) Pull all visible weeds and remove leaves and trash from within the round stone memorial area.
- 5.7.14.7 Apply fertilizer 5 times within 8 months starting in spring.
- 5.7.14.8 Apply fungicide/herbicide 6 times within 8 months starting in spring.
- 5.7.14.9 Prune roses annually (winter) to shape plants and encourage new growth; remove and replace all dead rose bushes.
- 5.7.14.10 Cypress trees:
- 5.7.14.10.1 Pruning and Shaping
Prune to promote healthy growth, remove dead or diseased branches, and maintain desired shape and a target height of 18 feet.
- 5.7.14.10.2 Health Assessment and Treatment
Conduct regular inspections for pests, disease, or structural issues.
Apply appropriate treatments as necessary (with COR approval and SDS compliance).
- 5.7.14.10.3 Maintenance Schedule
Quarterly: Shape/Crown reduction.
Biannually: Topping to maintain 18-foot height.
Deadlines:
- Shape/Crown reduction no later than five (5) days before Memorial Day, annually.
 - Topping to 18-foot height no later than five (5) days before Veterans Day, annually.

5.7.14.11 Dead Cypress tree Replacement:

- 5.7.14.11.1 Remove dead cypress trees promptly and dispose of debris in accordance with site standards.
- 5.7.14.11.2 Replace with healthy cypress trees of minimum size 15 gallons or larger, to include replacement of up to five (5) plants per year, ensuring proper planting techniques and soil preparation.
- 5.7.14.11.3 Verify replacements meet landscape specifications and obtain COR approval before installation. Perform monthly irrigation checks and repair/replace broken/worn/leaking bubblers or risers surrounding roses, Ginkgo Biloba, Cypress trees, and hedges. Maintain dripline systems or soaker hoses at the base of each tree to ensure deep water penetration to the root zone. Position sprinklers appropriately for uniform coverage.
- 5.7.14.11.4 Irrigation for Trees up to 18 Feet
Maintain dripline systems or soaker hoses at the base of each tree to ensure deep water penetration to the root zone.
Position sprinklers appropriately for uniform coverage.

5.7.15 **SCOPE OF WORK – NATIONAL CONGRESSIONAL MEDAL OF HONOR MEMORIAL (MOH)**

- 5.7.15.1 (Monthly) Clean all areas with power leaf blower and pressure wash all hard surfaces within the round stone memorial area using proper settings. Wipe dry granite surfaces with microfiber cloth to spot-free finish.
- 5.7.15.2 (Weekly) Clean all areas with power leaf blower (Granite and Concrete Walkways) within the memorial area (roadway curb to reflection pool).
- 5.7.15.3 (Weekly) Hand clean granite surfaces with plain water and lint-free microfiber cloth. Wipe dry to spot-free finish.
- 5.7.15.4 (Weekly) Hand clean all bronze and other metal surfaces in accordance with manufacturer specifications and COR approval. Use only approved cleaning products and techniques to avoid damage. Wipe dry to spot-free finish.
- 5.7.15.5 (Weekly) Trim rose bushes and cypress trees inside the traffic circle/memorial area to maintain uniform appearance.
- 5.7.15.6 (Weekly) Rake all gravel pathways to a uniform groomed appearance; no gravel should spill onto concrete curbing and replace as needed to maintain proper depth and coverage. (Weekly) Pull visible weeds and remove leaves and trash from within the traffic circle/memorial area.
- 5.7.15.7 (Weekly) Remove all trash and debris from the reflection pool; shock reflection pool water every three months.
- 5.7.15.8 (Weekly) Pressure wash all hard surfaces (Granite and Concrete Walkways) within the memorial area with de-ionized water using proper settings. Wipe dry granite surfaces with microfiber cloth to ensure spot-free finish.
- 5.7.15.9 To include cleaning and care of military seals in accordance with the manufacturer's requirements, ensuring proper techniques and approved cleaning products are used to maintain integrity and appearance.
- 5.7.15.10 Apply fertilizer 5 times within 8 months starting in spring.

- 5.7.15.11 Apply fungicide/herbicide 6 times within 8 months starting in spring.
- 5.7.15.12 Prune roses annually (winter) to shape plants and encourage new growth; remove and replace all dead rose bushes.
- 5.7.15.13 Perform monthly irrigation checks and repair/replace broken/worn/leaking bubblers or risers around the memorial and surrounding roses and star jasmines.
- 5.7.15.14 Prior to Memorial Day and Veterans Day:
- 5.7.15.15 Drain reflection pool, pressure wash and brush all hard surfaces (Granite, pool tiles, stainless steel), refill pool, shock water, and wipe dry surrounding granite surfaces.
- 5.7.15.16 Pool Pump System:
- 5.7.15.16.1 Perform routine maintenance and repairs in accordance with the manufacturer's requirements and recommendations.
- 5.7.15.16.2 Inspect all components to include pumps and automated controls for wear or damage and complete necessary repairs to ensure optimal operation.
- 5.7.15.16.3 Follow manufacturer guidelines for lubrication, filter cleaning/replacement, and system calibration.
- 5.7.15.17 Cypress trees - Pruning and Shaping
Prune to promote healthy growth, remove dead or diseased branches, and maintain desired shape and a target height of 18 feet.
 - a. Health Assessment and Treatment
Conduct regular inspections for pests, disease, or structural issues.
Apply appropriate treatments as necessary (with COR approval and SDS compliance).
 - b. Safety and Equipment Use
Utilize professional-grade equipment such as ladders, pruning tools, and approved safety gear.
Ensure compliance with OSHA and VA safety standards during all operations.
 - c. Maintenance Schedule
Quarterly: Shape/Crown reduction.
Biannually: Topping to maintain 18-foot height.
Deadlines:
 - Shape/Crown reduction no later than five (5) days before Memorial Day, annually.
 - Topping to 18-foot height no later than five (5) days before Veterans Day, annually.
- 5.7.15.18 Dead Cypress tree Replacement:
- 5.7.15.18.1 Remove dead cypress trees promptly and dispose of debris in accordance with site standards.
- 5.7.15.18.2 Replace with healthy cypress trees of minimum size 15 gallons or larger, ensuring proper planting techniques and soil preparation.
- 5.7.15.18.3 Verify replacements meet landscape specifications and obtain COR approval before installation.
- 5.7.15.18.4 Irrigation Maintenance
Maintain dripline systems and soaker hoses at the base of each tree to ensure deep water penetration to the root zone.
Position sprinklers appropriately for uniform coverage.

5.7.15.18.5 Watering Schedule

Water early in the morning or late in the evening to reduce evaporation.

Increase frequency or duration during hot or dry periods as needed; avoid oversaturation.

5.7.15.18.6 Tree Size and Environmental Considerations

Larger trees may require more water; adjust irrigation accordingly.

In areas with poor drainage, trees may need more frequent or longer watering sessions.

Inspect irrigation systems regularly for leaks, clogs, or damage; repair promptly to maintain efficiency.

5.7.16 SCOPE OF WORK – AMERICAN INDIAN ALASKA NATIVE VETERANS MEMORIAL

5.7.16.1 Contractor shall maintain the Native American Monument and surrounding trees and desert plants to preserve both the artwork and natural elements.

5.7.16.2 Regular Inspection

5.7.16.3 Inspect the monument for signs of weathering, corrosion, or vandalism.

5.7.16.4 Monitor surrounding trees, desert plants, and local vegetation for health, pests, or disease.

5.7.16.5 Monument Cleaning and Preservation

5.7.16.6 Use gentle, non-abrasive cleaning methods suitable for the monument's material (e.g., mild detergent), per manufacturer requirements.

5.7.16.7 Remove weeds, debris, and organic matter around the monument and plants regularly.

5.7.16.8 Ensure proper drainage in all planting areas with a minimum 2% slope to prevent water accumulation that could damage the foundation or promote mold.

5.7.16.9 Vegetation Management

5.7.16.10 Prune growth that could obscure or damage the monument.

5.7.16.11 Use native plant species adapted to the desert environment to minimize water use and maintain natural aesthetics.

5.7.16.12 Soil shall be sandy loam, free of toxic chemicals or elements that may inhibit or retard normal plant growth.

5.7.16.13 Cover shall be located no farther from the edge than one-half the specified on-center spacing.

5.7.16.14 Irrigation, Watering, and Soil Care

5.7.16.15 Implement efficient irrigation tailored to desert plants (drip irrigation preferred).

5.7.16.16 Test soil annually and amend as needed to maintain proper drainage and plant health.

5.8 ONE TIME REPLACEMENT AND REPAIRS FOR MOH POOL PUMP SYSTEM**CLIN 0008 – Qty 1 Job**

5.8.1 One-Time Services – MOH Pool Pump Room

5.8.2 Reflection Pool System Upgrades (One-Time Service)

5.8.3 The Contractor shall perform the following one-time corrective and upgrade services for the MOH reflection pool pump room:

- 5.8.4 Install water softener tank to reduce mineral buildup.
- 5.8.5 Remove and replace programmable time clocks; configure schedules.
- 5.8.6 Remove and replace auto-fill control board.
- 5.8.7 Remove and replace auto-fill sensor.
- 5.8.8 Remove and replace HOA (Hand-Off-Auto) switches.
- 5.8.9 Remove and replace anemometer for wind speed monitoring.
- 5.8.10 Program and calibrate all components per manufacturer specifications.
- 5.8.11 Provide written service report and updated system documentation within 5 business days.
- 5.8.12 Performance Requirements:
- 5.8.13 All components shall be manufacturer-approved or COR-approved equivalents.
- 5.8.14 Verify full operational functionality before final acceptance.

6. APPLICABLE PUBLICATIONS

- 6.1 Applicable Publications (Current Editions)_The Contractor shall comply with various standards, directives, and other VA, NCA, and RNC publications in addition to industry standards that are applicable at the time of job performance. The Contractor is responsible to stay abreast of updates and changes. Links are provided where available below.
- 6.2 Interment Area Layout, [VA Directive 3120](#)
- 6.3 Integrated Pest Management at VA National Cemeteries, [VA Directive 3410](#)
- 6.4 Integrated Pest Management at VA National Cemeteries, [NCA Handbook 3410](#)
- 6.5 Organization Assessment and Improvement (OAI) Program NCA Directive [NCA 0330](#)
- 6.6 NCA Environmental Management Program NCA Directive [NCA 0057](#)

6.7 *Riverside National Cemetery Floral Policy/ add any additional referenced publications*

RIVERSIDE NATIONAL CEMETERY FLORAL POLICY AND CEMETERY REGULATIONS

RIVERSIDE NATIONAL CEMETERY

POLICY 901-23-04 EMP

DEPARTMENT OF VETERANS AFFAIRS

June 13, 2023

NATIONAL CEMETERY ADMINISTRATION

FLORAL POLICY AND CEMETERY REGULATIONS

PURPOSE

The purpose of this Standard Operating Procedure (SOP) is to outline the procedures to be followed by the visiting public as well as Riverside National Cemetery (RNC) personnel.

SCOPE

The standards and procedures as set forth herein are applicable to all visiting guests and employees. Every effort will be made to follow and adhere to the National Cemetery Administration (NCA) Directive 3425.

1. RESPONSIBILITY

All employees are responsible for ensuring that the standards and procedures as set forth herein are followed and reviewed annually.

2. PROCEDURES

a. RNC's floral regulations will be displayed throughout the cemetery on signage, explained within our kiosk, and reproduced and made available to the public at the public information center and administration building.

b. A copy of the floral policy and cemetery regulations will also be provided to the next-of-kin or the designated representative along with other cemetery information at the time of interment.

1. Floral Policy:

a. RNC welcomes fresh-cut flowers throughout the year and provides plastic flower vases for gravesite display. Potted plants and artificial floral arrangements are not permitted. (Holiday exceptions exist; see Section 4.b.1.f below). To preserve the dignity of the cemetery, Flags no more than 24" in height (include but not limited to US and Branch of Service) and fresh-cut flowers and artificial arrangement, when permitted, 24" or less are the only items allowed.

b. Plastic flower vases will be maintained in various locations throughout the cemetery. All plastic flower vases may be reused provided they are clean and are in good repair. All damaged plastic flower vases will be replaced as needed.

c. On the day of interment, fresh cut flowers and sprays may be placed at or on gravesites without the use of cemetery supplied floral containers. Cemetery Directors may exercise direction in the timing of the removal of these items.

d. At Columbaria, visitors may place floral arrangements at the bottom of a niche column. To ensure space for other visitors, floral arrangements will be limited to one per niche.

e. The Foreman and/or their designate will be responsible for overseeing that there are sufficient supplies of plastic flower vases available and that the storage containers and plastic flower vases are properly maintained.

f. Holiday exceptions- Seasonal Adornments for strongly held beliefs, such as wreaths, potted poinsettias and other seasonal items may be placed on graves from the 15th of December through the 15th of January.

During the season the cemetery's decorating procedure allows for the following floral arrangements:

Wreaths up to 20 inches in diameter, potted plants no more than 24 inches tall from the base, trees no more than 24 inches tall from the base. The potted plants and trees are allowed only if they are not permanent and are decorated with unbreakable ornaments. RNC does not allow Grave blankets due to damage to the turf.

2. Removal, Holding and Disposal of floral items

Floral and other items placed in a Department of Veterans Affairs (VA) national cemetery are under the custodianship of VA and are therefore governed by rules for disposal of federal property. Cemetery personnel will remove, hold, and dispose of items left at gravesites as outlined in the NCA Directive 3425.

a. Removal:

(1) Prohibited items include artificial floral arrangements outside of designated holidays, commemorative items, balloons, pinwheels, wind chimes, glass, breakable items, votives, vigil lights, candles, statues, shepherd's hooks, stuffed animals, garden stakes, permanent in-ground plantings, non-government supplied floral containers, offensive items or those deemed inconsistent with the cemetery setting, weapons of any kind, ammunition, and explosives are not allowed and will be removed.

(2) All items to include flags and withered, faded, or unsightly flowers will be removed on a weekly basis or upon discovery by cemetery personnel or contractors. Floral pick-up will be conducted weekly in accordance with "Weekly Floral Pick-up Schedule" or when arrangements have become unsightly in accordance with NCA Directive 3425.

(3) Cemetery staff or contractors will immediately remove items deemed inappropriate or unsafe.

(4) Cemetery staff have the right to remove any item from a gravesite for cemetery operations.

(5) Excessive grave adornments that cause damage to the underlying turf will be removed.

(6) No item or object may be attached to the headstone or placed on top of the headstone, flat marker, or niche cover. Headstones, markers, and niche covers are federal property. Altering headstone, markers, or niches by marking with paint, marker, lipstick, stickers, or any other means is prohibited.

(7) RNC assumes no responsibility for items left on graves. Due to the open nature of the grounds, we cannot guarantee against theft, vandalism, or the effects of nature, including damage by wildlife.

b. Holding:

(1) As a courtesy, personal items, removed prohibited items and artificial floral arrangements that are in good condition will be tagged and stored in an inconspicuous holding area for a period of not less than 30

days. During that time cemetery personnel will assist families who request to retrieve those personal items in accordance with NCA Directive 3425.

(2) Please inquire with RNC's Grounds Department Supervisor for retrieval of removed items by leaving a voicemail message at

(951) 214-4357 or email RNCADMIN@VA.GOV.

c. Disposal:

(1) Items that are not in good condition will not be placed in the holding area but will be disposed of immediately without notice. Personal items removed from gravesites shall be disposed of consistent with the rules governing the disposal of Federal property. Cash found at gravesites will be deposited into the cemetery's general gift fund.

d. Rules of Behavior:

(1) Encroachment of adjacent gravesites by means of fencing, gates, EZ-Ups, umbrellas, or similar items are prohibited.

(2) Preparing food using gas grills and or charcoal grills is prohibited.

(3) Removal of any items from any gravesite besides your own personal items at RNC is prohibited.

(4) RNC management expects all persons to always conduct themselves with respect and dignity at all times in accordance with the VA code of conduct 38 C.F.R. §1.218.

REFERENCES:

a. Federal Property and Administrative Services Act of 1949, as amended (40 U.S.C. Ch. 1 § 101, et seq.).

b. 41 C.F.R. §102-41.85, Voluntarily Abandoned Personal Property.

c. 41 C.F.R. §102-41.125, Disposition of Seized, Forfeited, Voluntarily Abandoned, And Unclaimed Personal Property.

d. NCA Operational Standards and Measures, Version 5.1, July 1, 2014.

e. VA Handbook 7345, Sale, Abandonment, or Destruction of Personal Property, March 8, 1996.

f. 38 C.F.R. §1.218, Security and Law Enforcement at VA Facilities.

g. NCA Directive 3425

DEFINITIONS:

a. Floral Arrangement: Floral and plant matter, real or artificial, and the container used to hold those items.

b. Floral Container: Containers provided by a VA national cemetery to hold floral arrangements.

c. Commemorative Items: Include but not limited too; hazardous materials, signs, metal, toys, and non-US flags.

d. Grave Blanket: A blanket of intertwined branches or man-made material in the shape of a blanket used as an alternative to flowers during winter months.

e. Gravesite: A burial location in a national cemetery; inclusive of all burial types (casketed, in-ground cremains, and columbaria).

f. Personal Items: Refers to any item left on gravesites by visitors, such as pictures, floral arrangements, coins, and other mementos, that may be of personal or sentimental value.

g. Vigil Light: A candle or small light kept burning before a shrine or gravesite.

h. Voluntarily Abandoned Property: Personal property abandoned to any Federal agency in a way that immediately vests title to the property in the Government. There must be written or circumstantial evidence that the property was intentionally or voluntarily abandoned, such as placement of the property at a gravesite. This evidence should be clear that the property was not simply lost by the owner.

5. EFFECTIVE AND RECISSION DATE: This SOP is effective immediately and remains in effect until rescinded.

6. REVIEW DATE: Annually.

Executive Director

Keith Allen, Director

Reviewed October 1, 2022

7. ATTACHMENT/TECHNICAL EXHIBIT LISTING

7.1 Attachment 1/Technical Exhibit 1 (2 pages) – Quality Assurance Surveillance Plan (QASP)

7.2 Attachment 2/Technical Exhibit 2 (3 pages) – Deliverables Schedule

7.3 Attachment 3/Technical Exhibit 3 (2 pages) – Estimated Workload Data for Service Contract Act (SCA) Elements

7.4 Attachment 4/Technical Exhibit 4 – Site map

7.5 Attachment 5/Technical Exhibit 5- Site Summary

7.6 Attachment 6/ Technical Exhibit 6 (two pages) – Contractor's Employee Statement of Compliance

7.7 Attachment 7/Technical Exhibit 7 – Pesticide Application Data Sheet

7.8 Attachment 8/Technical Exhibit 8- Niche Cover Maintenance Checklist

7.9 Attachment 9/Technical Exhibit 9- Grounds Maintenance Checklist

7.10 Attachment 10/Technical Exhibit 10 - Vertebrate Pest Inspection Sheet

7.11 Attachment 11/Technical Exhibit 11 (three pages) - As-Built Drawings of all Pump Stations A, B, and C

7.12 Attachment I/Technical Exhibit 12 (eight pages)- Medal of Honor Memorial (Pictures of Pool Pump room)

ATTACHMENT 1/TECHNICAL EXHIBIT 1
QUALITY ASSURANCE SURVEILLANCE PLAN (QASP)

Quality Assurance Surveillance Plan ** QASP

The Contractor service requirements are summarized into performance objectives that relate directly to mission essential items. The performance threshold briefly describes the minimum acceptable levels of service required for each requirement. These thresholds are critical to mission success and may impact payment and/or CPARS.

Performance Objective	Standard	Performance Threshold	Methods of Surveillance
SP # 1 Turf Renovation (PWS 5.2.1 – 5.2.8)	Sod must be healthy, well-rooted, even-colored, and free of weeds or bare areas at 30 days. Coverage must exceed 95% over any 10 sq. ft..	100% compliance; any turf that dies or is damaged within 30 days must be replaced at the Contractor's expense.	COR visual inspection and assessment.
SP # 2 Sodding of Individual Gravesites (PWS 5.2.5)	Re-sodding completed within 5 working days after burial; turf matches adjacent grass species; starter fertilizer applied.	100% compliance; zero missed gravesites.	Weekly COR inspection and review of the burial schedule.
SP # 3 Turf Maintenance – Pest & Weed Control (PWS 5.2.13 – 5.2.20)	Turf in high visibility areas ≥90% pest/disease free and ≥98% weed free; signage posted during application.	Acceptable level of control is defined as 95% of target species eliminated; deficiencies corrected within 5 days.	COR visual inspection; Review of "Pesticide Application Data Sheets"; joint inspection 30 days post-application.
SP # 4 Mowing, Trimming & Edging (PWS 5.2.21.27 – 5.2.21.69)	Turf height maintained: Cool Season (2.0–3.5"), Warm Season (1.0–1.5"); no scalping; clippings removed same day.	100% compliance; deficiencies corrected within 24 hours.	Weekly COR inspection; review of mowing and trimming logs; random checks.
SP # 5 Leak Detection (PWS 5.3.2.130)	Actuate zones weekly via manual starts; identify malfunctions.	Isolate and identified leaks within 24 hours (48 hours for mainlines/submains).	COR visual verification: monitoring flow meters to detect leaks when the system is not in use.

SP # 6 Irrigation System Tests (Master/PRV/Combo Valves) (PWS 5.3)	Quarterly exercise of valves; flow shutdown testing; reporting of upstream/downstream pressure.	100% compliance; provide tabular "pass/fail" results for each valve to the COR.	COR verification; review of quarterly inspection reports.
SP # 7 Trash & Debris Removal (PWS 5.6)	Empty all trash bins twice daily (AM and PM); grounds, driveways, and parking areas must remain free of trash and debris.	100% compliance daily; bins must not be overflowing.	Random inspections by the COR or designated cemetery personnel.
SP # 8 Floral Pickup (PWS 5.6)	Collect and dispose of decorations in strict accordance with the NCA Floral Policy. Remove unsightly cut flowers weekly.	100% compliance with established holiday and weekly collection schedules.	Random COR inspections; visual verification of ground cleanliness.
SP # 9 Columbaria & Structure Cleaning (PWS 5.10)	Pressure wash structures bi-annually (pre-Memorial/Veterans Day). Remove objects from niche covers daily.	100% of scheduled cycles; zero damage to niche covers or markers.	Daily rounds; visual checks; COR review of weekly work reports.
SP # 10 Memorial Maintenance (POW/MIA, MOH, etc.) (PWS 5.10.2)	Monthly pressure washing of hard surfaces; weekly hand cleaning of granite/bronze to a spot-free finish.	100% compliance; no damage to government memorials or adjacent areas.	COR review of quality control inspection checklists; visual inspection.

ATTACHMENT 2/TECHNICAL EXHIBIT 2
DELIVERABLES SCHEDULE

DELIVERABLES SCHEDULE

The Contractor may provide email, PDF, TIF, JPG, PNG, WORD, and EXCEL documents. No zipped files or links to outside sources or storage locations are permitted without prior COR TEAM approval.

<u>Item</u>	<u>Deliverable</u>	<u>Frequency</u>	<u>Qty</u>	<u>Medium/Format</u>	<u>Submit To</u>
1.	Quality Control Plan (QCP)	Draft with proposal; Formal 30 days post-award; updates within 5 working days.	1	Electronic	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov CO: Pending award
2.	Personnel List	Within 10 workdays of award; updates within 24 hours of changes.	1	Electronic	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
3.	Grounds Management Plan (GMP)	Draft with proposal; Comprehensive within 30 workdays post-award.	1	Electronic	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
4.	Weekly Work Plan	Weekly (Noon on final workday of preceding week).	52	Electronic	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
5.	Completed Work Report	Weekly (3:00 PM on final workday); include highlighted site plans.	52	Electronic/Site Plan	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
6.	Equipment List & Safety Verification	Prior to use; verify safety in writing annually.	1	Electronic	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
7.	Soil Test Reports & Recommendations	Annually (Before spring fertilization).	1	Graphical Report	COR: or ACOR: Edwin.Galdamez@va.gov , and PCD Engineer:

Item	Deliverable	Frequency	Qty	Medium/Format	Submit To
					Daniel.Ransom@va.gov
8.	Pesticide Application Data Sheet	Within 5 working days after each application.	As needed	Attachment F	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
9.	Pesticide Labels & SDS Master File	10 workdays prior to application; initial and upon revision.	1	Electronic	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
10.	Vertebrate Pest Inspection Sheet	Initial within 10 days; then weekly.	Weekly	Attachment G	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
11.	Baseline Irrigation Schedule	Annually (July).	1	Spreadsheet	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
12.	Irrigation Mainline Wall Map	One-time task; verify field locations.	1	Laminated (30"x42")	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
13.	Pond Management Plan	Annually (by licensed Aquatic Biologist).	1	Electronic	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
14.	Pond Water Testing Results	Annually.	1	Accredited Lab Report	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
15.	Pump Station Service Reports	Within 5 business days of each visit.	4+	Written Report	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov

Item	Deliverable	Frequency	Qty	Medium/Format	Submit To
16.	Drainage/Stormwater Inspection Log	Monthly and after every rainstorm.	Monthly+	Log	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
17.	Memorial Maintenance Checklist	Weekly (after every maintenance cycle).	52	QC Checklist	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
18.	Columbaria Pressure Washing Log	Twice yearly (pre-Memorial & Veterans Day).	2	Cleaning Log	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov
19.	Plaques & Seals Polishing Record	Three times per year.	3	Service Record	COR: Lincoln.Sii@va.gov and ACOR: Edwin.Galdamez@va.gov

*****Note: Submission of those items with the proposal is for verification purposes and will not be separately evaluated unless stated in the Eval Instructions to Offerors.**

ATTACHMENT 3/TECHNICAL EXHIBIT 3
ESTIMATED WORKLOAD DATA FOR SERVICE CONTRACT ACT (SCA) ELEMENTS

Estimated Workload Data by SCA Element

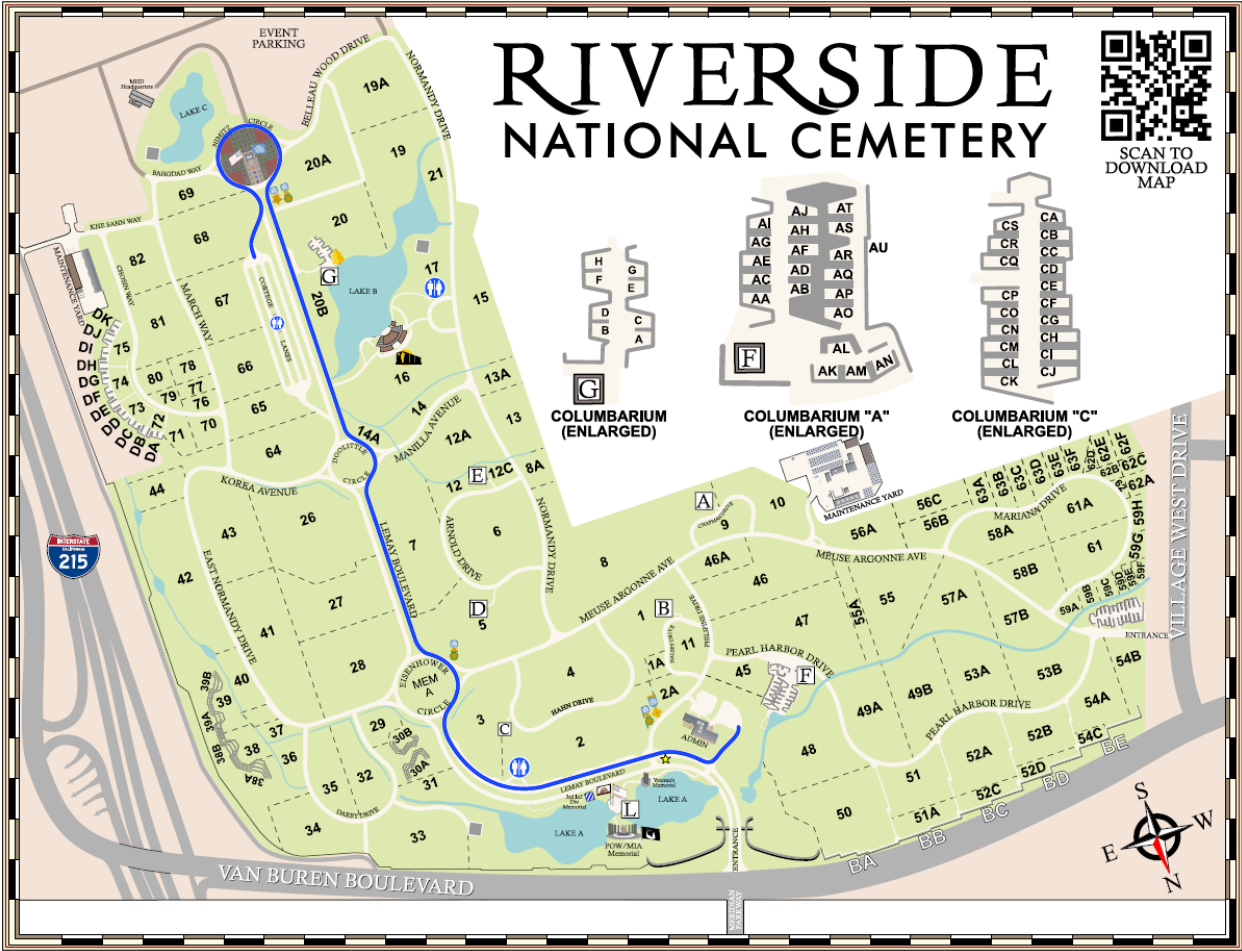
Labor Category (SCA Element)	Associated PWS Tasks	Estimated Quantity / Frequency
Laborer (SCA 23470)	Mowing, Trimming & Edging	365 Acres (Weekly during growing season; bi-weekly during dormant season).
	Trash & Debris Removal	Empty bins twice daily (AM/PM); grounds-wide cleanup daily.
	Floral Pickup	Weekly collection and disposal per NCA Floral Policy.
	Memorial Maintenance	Weekly hand cleaning (granite/bronze); monthly pressure washing.
Gardener (SCA 11210)	Sodding Individual Gravesites	3,250 to 6,500 burials annually (estimated 125-500/month).
	Turf Renovation (Large Scale)	30,000 Sq. Ft. of renovation/sodding as requested.
	Pest & Weed Control	365 Acres (Highly Prominent Areas vs. General Grounds).
	Pruning (Trees, Roses, Hedges)	157 Cypress trees (Quarterly pruning/topping); Roses/Hedges (Weekly/Annual).
	Replacement Planting	Annual replacement of up to 5 plants/trees in memorial areas.
Irrigation System Technician (SCA 23441)	Leak Detection & Inspection	Manual actuation of 300+ zones and 30,000+ heads weekly.
	Irrigation Repairs	Routine repairs of broken heads, risers, and lines within 24–48 hours.
	System Component Testing	Quarterly exercise/testing of 17 to 21 Points of Connection (POC) and Master Valves.
Truck Driver, Heavy (SCA 31363)	Debris Hauling	Daily removal of green waste and storm debris from cemetery grounds.

Key Workload Operational Notes

- Total Maintenance Area: The contractor is responsible for the full 460 developed acres of the cemetery.
- Burial Volume: Gravesite sodding is a high-priority task directly linked to the burial rate, which averages roughly 5 to 10 burials per day.
- Irrigation Intensity: The cemetery utilizes a large-scale WeatherTRAK/Motorola central control system; manual verification of all 300+ zones weekly is a significant labor requirement.

- Shrine Standards: All workload estimates must be executed to National Shrine Standards, meaning visual appearance takes precedence over mere completion of the task.
-

ATTACHMENT 4 – RIVERSIDE NATIONAL CEMETERY SITE MAP



ATTACHMENT 5/TECHNICAL EXHIBIT 5
SITE SUMMARY

Classification	Approximate Area/Quantity*
Total Site Area	1236.8 Acres
Total Developed Cemetery	365 Acres
Interment Section Area	290
Curbs (Edging)	30 Miles
Walks (Edging)	5 Miles
Headstones (Flats)	300,000
Irrigated Turf	350 acres
Brush Clearing Area	605 Acres
Landscape Buffer Areas	50 Acres
Lakes (Irrigation)	11 Acres/2,200 gallons
Ponds (Landscape)	0.6 Acre/reflection pond - 8ft depth, Upper pond 5ft, and small pond 12ft
Stormwater Pond	1 Acre
Canals (Gunitite)	10,000 Lineal Feet
Drainage Ditches	1,500 Lineal Feet
Irrigation Information	
Pressure reducing and lake fill valves	6
Float valves	1
Back flow prevention devices	Three (3) 2". Four (4) ¾". One (1) 4". One (1) 8".
Master valves	41
Automatic control valves	0
Combination valves	9
Isolation valves	3
Basins	2
Submersible pumps	5

ATTACHMENT 6/ TECHNICAL EXHIBIT 6

CONTRACTOR'S EMPLOYEE STATEMENT OF COMPLIANCE

EMPLOYEE NAME: _____

POSITION/TITLE: _____

DATE: _____

Please check the appropriate blank.

☐ New Employee, New Contractor☐ Annual Confirmation for current Employees or Contractor(s) **(Due on each Contract year or immediately after NTP.)****FOR ALL EMPLOYEES**

I have been briefed and understand the following guidance:

INITIALS

_____ The National Cemetery Administration honors veterans with a final resting place and lasting memorial that commemorate their service to our Nation. National Cemeteries are National Shrines. Therefore, the standards for management, maintenance, appearance and operational procedures have been established by the National Cemetery Administration to reflect this Nations' concern and respect for those interred there. For this reason, my strict adherence to the Performance Work Statement, Performance Work Requirements Summary and Guidance Specifications must be required and must be essential.

_____ I will remain aware of the remains buried in the grounds where work is being performed. The utmost care must be given to these remains and the headstones and flat grave markers that mark those gravesites and memorialize the service of individuals.

_____ I will not walk, stand, lean, sit or jump on headstones, markers, or monuments. Nor will I drive over them.

_____ I will not place or lean tools, equipment, or other items on headstones, markers, or monuments at any time.

_____ I have been briefed on the approved methods and tools to remove headstones and markers from their sockets in accordance with the Contract Specifications. I will use the tools and methods approved by the Contracting Officer Representative (COR) to lift headstones and markers out of the ground in order to avoid damage; pick axes are not an acceptable tool.

_____ I will not place headstones or markers on dirt piles or mud once they are removed from their sockets; in order to show appropriate respect towards the families visiting the gravesites and the remains that are buried, I will ensure headstones and markers are carefully stored on each associated gravesite and protected from damage or soiling, in accordance with Contract Specifications.

_____ I understand that the Contractor must be responsible for replacing damaged headstones and markers and for restoring turf damaged during performance of this work.

_____ Should any on-site activity, incident, emergency, or disaster result in exposure and/or damage to any remains, container for remains (i.e., casket or urn), or outer burial container, I will IMMEDIATELY notify the Cemetery Director, the COR and/or the Contracting Officer; I will take immediate steps to protect and render safe any exposed remains; and stop any further work until the Cemetery Director provides the Contractor 's Supervisor guidance regarding disposition of the remains and permission to proceed.

SIGNATURE BLOCK

Signature

Printed Name

Date

IF THIS STATEMENT IS THE EMPLOYEE’S ANNUAL COMPLIANCE STATEMENT, THIS COMPLIANCE STATEMENT MUST BE RETURNED TO THE COR BY NOVEMBER 1 OR AFTER THE EFFECTIVE DATE OF THE CONTRACT.

AS TO STATEMENTS OR COMMITMENTS OF FUTURE ACTIONS, THIS COMPLIANCE STATEMENT COVERS THE PERIOD FROM OCTOBER 1 OF THE CALENDAR YEAR DURING WHICH THIS COMPLIANCE STATEMENT IS DUE THROUGH SEPTEMBER 30 OF THE NEXT CALENDAR YEAR.

ATTACHMENT 7/TECHNICAL EXHIBIT 7

PESTICIDE APPLICATION DATA SHEET

	Date:	Applicator:	
APPLICATION SITE		Location:	
	Size of Treatment Area:	Plant Age and Condition:	
	Description (Turf, Bed etc.):	Soil Conditions:	
	Surrounding Sensitive Areas:		
	Previous Pesticides Used:		
PEST PROBLEM	Primary Pest:	Damage Observed:	
	Other Pests Present:	Location of Damage:	
	Beneficials Present:		
	Severity of Pest Problem:		
PESTICIDE(S) USED	Pesticide(s): Formulation:	Rate:	Total Amount Used:
	(1)		
	(2)		
	(3)		
	Adjuvants Type:	Amount:	Total Gallons of Diluted Spray Used:
	Surfactant Type:	Amount:	
APPLICATION	Date(s) of Application:	Weather Conditions Temperature:	
	Equipment used:	Cloud Cover:	
		Wind Speed:	
	Equipment Calibrated By:	Wind Direction:	
		Rain:	
		Travel Speed:	
		Total Hours for Application:	
	Persons Notified or Spoken to Regarding Application:		
	(1)		
	(2)		
	(3)		
	FOLLOW UP	Effectiveness of Application:	Beneficials Present:
Injury to Non-Target Plants or Surfaces:			
COMMENTS			
Signature & Date			

ATTACHMENT 8/TECHNICAL EXHIBIT 8**Niche Cover Maintenance Checklist**

Task Description	Cleaning Agent/Method	Frequency	PPE Required	SDS Approval Required	Notes
Inspect niche covers for dirt, stains, and foreign matter	Visual inspection	Weekly	Gloves, eye protection	No	Report any damage to COR
Remove objects attached to niche covers (flowers, stickers, balloons, rocks)	Manual removal	Daily	Gloves	No	Do not scratch or damage covers
Clean marble niche covers using approved biological cleaner	D/2 Biological Solution or Weather-Zyme	Biannually (before Memorial Day & Veterans Day)	Gloves, eye protection	Yes	Submit SDS and work plan to COR before use
Protect turf and gravel during cleaning	Rubber mats placement	Each cleaning cycle	Safety boots	No	Restore any damage at no cost to Government
Place protective mat at base of columbarium during washing	Mat placement	Each cleaning cycle	Safety boots	No	Protect fallen niche markers
Report fallen niche markers immediately	Notification to COR	As needed	Gloves	No	Ensure secure handling
Remove graffiti from niche covers	Mild detergent and water; stiff plastic bristle brush	Daily	Gloves, eye protection	Yes if chemical used	Avoid abrasive cleaners
Remove efflorescence on concrete near niche covers	Brush with mild detergent and water	As needed	Gloves, eye protection	Yes if chemical used	Do not use wire brushes
Remove mold/mildew from niche covers	Approved biological cleaner (D/2 Biological Solution)	As needed	Gloves, eye protection	Yes	Follow manufacturer instructions
Verify cleaning agents comply with NCA standards	Check SDS and product data sheets	Before each cleaning cycle	Gloves	Yes	Submit SDS for COR approval

ATTACHMENT 9/TECHNICAL EXHIBIT 9
GROUNDS MAINTENANCE CHECKLIST

GROUNDS MAINTENANCE CHECKLIST - MONTHLY					DATE:		
Area/Section Inspected:							
Completed by:					Title		
MEASURE	DESCRIPTION	OK	NEEDS ATTENTION	NOT APPLICABLE	COMMENTS	Number Identified	Number Completed
	TURF / NON-TURF (Circle One)						
GM-2.1a	Visually prominent area is generally weed free.						
GM-2.1b	Visually prominent area is generally free of bare areas.						
GM-2.7a	Grave reopeners during the growing season show healthy turf re-established within 60 days of the interment.						
GM-2.7b	Winter grave reopeners show healthy turf re-established within 60 days of the start of the growing season.						
	TREES AND SHRUBS						
GM-3.2	Trees and shrubs are healthy, vigorous, free of pests and disease and/or are maintained in accordance with the Cemetery Grounds Management Plan.						
	GENERAL MAINTENANCE						
GM-6.4a	Containers for floral vases are well marked, clean, neat and in good repair.						
GM-6.4b	Floral vases are clean and in good repair						

ATTACHMENT 10/TECHNICAL EXHIBIT 10
VERTEBRATE PEST INSPECTION SHEET

Gophers, Voles, Moles, Ground Squirrels, Raccoons, Skunks, Geese, Turkeys, Pigs, Snakes, Etc.

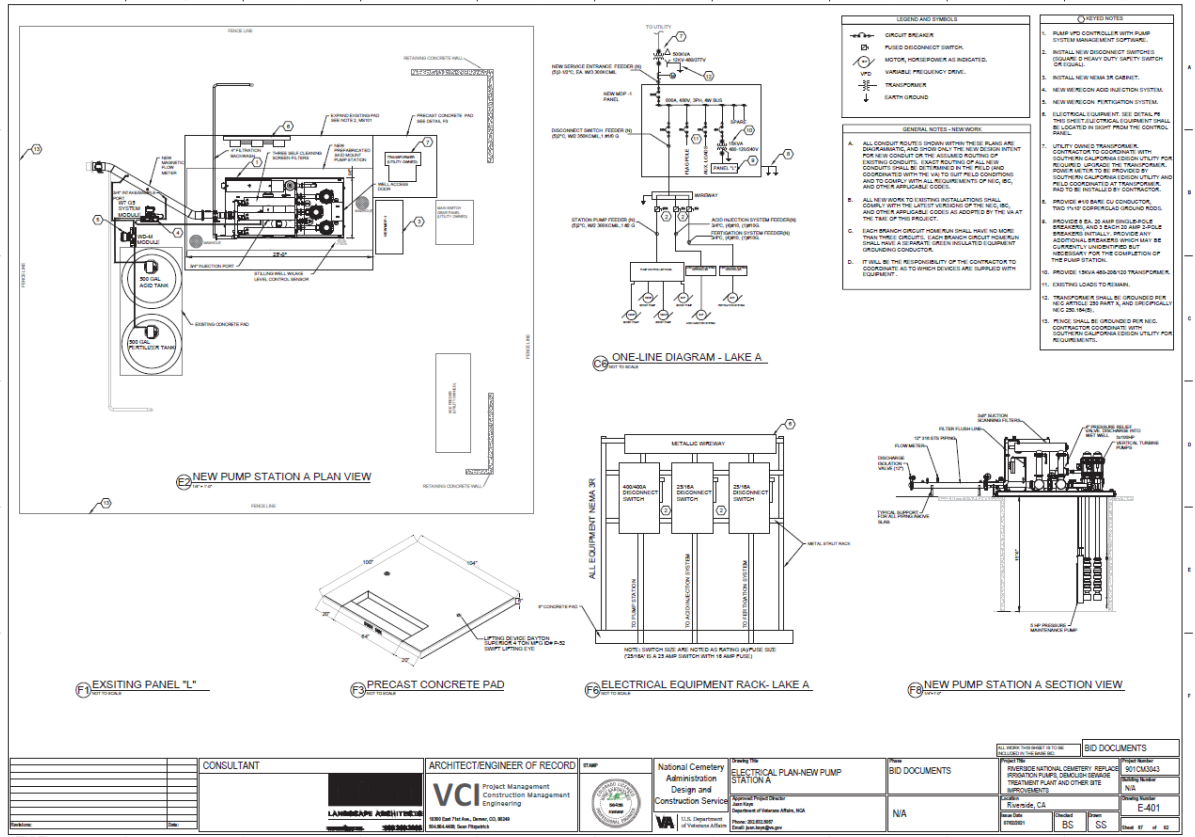
Location of Service: _____ National Cemetery

Date of Service: _____

NO.	CEMETERY SECTION	ID# OF NEAREST HEADSTONE	ANIMAL PEST TYPE	OLD OR NEW DAMAGE?	DATE OF DISCOVERY	CHEMICAL OR TRAP TREATMENT	DATE OF TREATMENT	DATE OF TURF REPAIR	CONTRACTOR SIGNATURE	COMMENTS
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

ATTACHMENT 11/TECHNICAL EXHIBIT 11 AS BUILT DRAWINGS OF ALL PUMP STATIONS

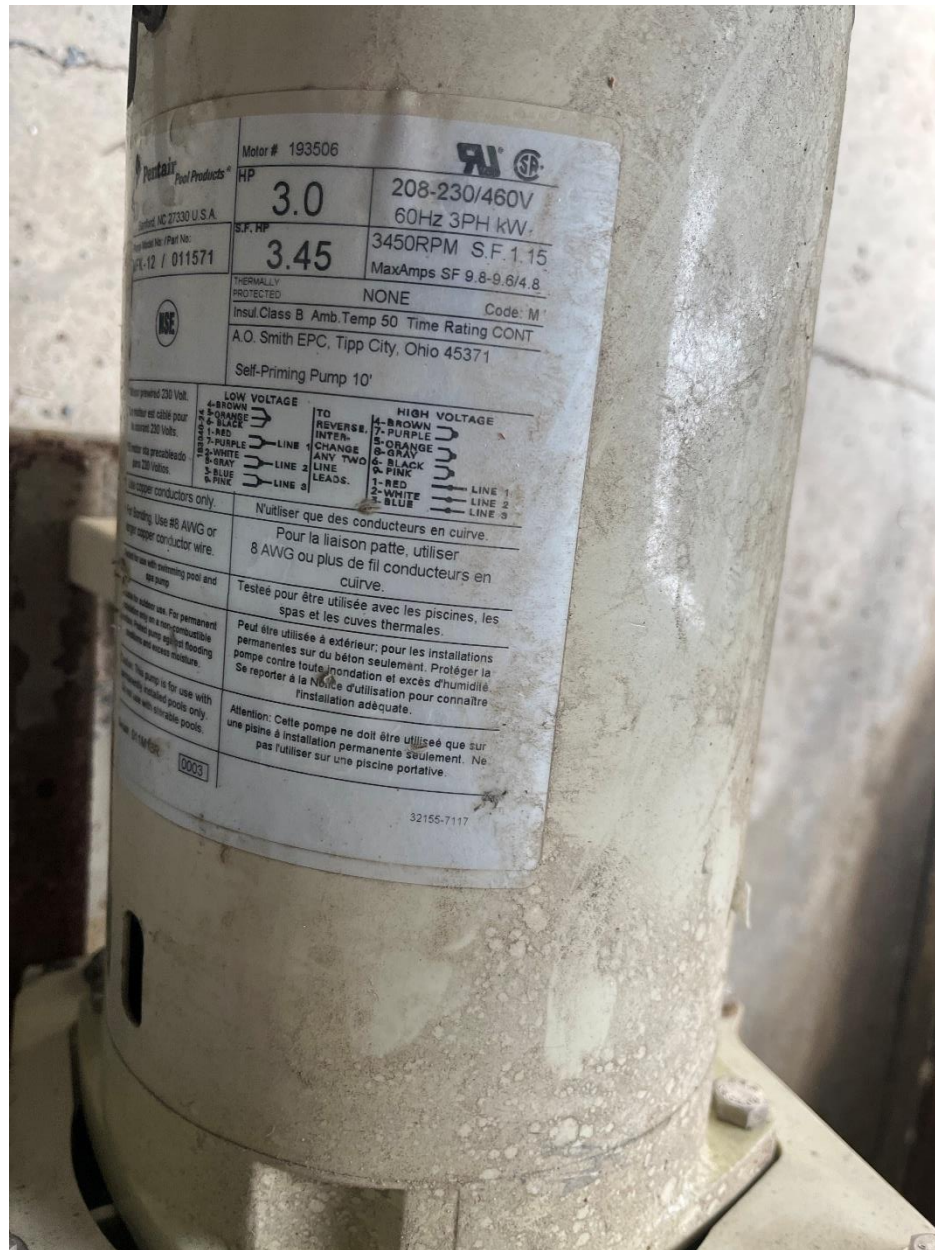
PUMP STATION A



ATTACHMENT 12/TECHNICAL EXHIBIT 12
MEDAL OF HONOR MEMORIAL – PICTURES OF POOL PUMP ROOM

















Deliveries or Performance

PERIOD OF PERFORMANCE

ITEM	START	END
0001	12/01/2026	11/30/2027
0002	12/01/2026	11/30/2027
0003	12/01/2026	11/30/2027
0004	12/01/2026	11/30/2027
0005	12/01/2026	11/30/2027
0006	12/01/2026	11/30/2027
0007	12/01/2026	11/30/2027
0008	12/01/2026	11/30/2027
10001	12/01/2027	11/30/2028
10002	12/01/2027	11/30/2028
10003	12/01/2027	11/30/2028
10004	12/01/2027	11/30/2028
10005	12/01/2027	11/30/2028
10006	12/01/2027	11/30/2028
10007	12/01/2027	11/30/2028
20001	12/01/2028	11/30/2029
20002	12/01/2028	11/30/2029
20003	12/01/2028	11/30/2029
20004	12/01/2028	11/30/2029
20005	12/01/2028	11/30/2029
20006	12/01/2028	11/30/2029
20007	12/01/2028	11/30/2029
30001	12/01/2029	11/30/2030
30002	12/01/2029	11/30/2030
30003	12/01/2029	11/30/2030
30004	12/01/2029	11/30/2030
30005	12/01/2029	11/30/2030
30006	12/01/2029	11/30/2030
30007	12/01/2029	11/30/2030
40001	12/01/2030	11/30/2031
40002	12/01/2030	11/30/2031
40003	12/01/2030	11/30/2031
40004	12/01/2030	11/30/2031
40005	12/01/2030	11/30/2031
40006	12/01/2030	11/30/2031

40007

12/01/2030

11/30/2031

Section 3 - Documents, Exhibits, or Attachments

Title	Dates	Number of Pages
P07 SCA WD 2015-5629 rev 29 05132026.pdf - DELETED	06/13/2026	
INSTRUCTIONS TO OFFERORS_EVALUATIONS - DELETED	08/09/2026	
RIVERSIDE NC PriceSched_08092026.xlsx - DELETED	08/09/2026	
Performance Work Statement - DELETED	08/11/2026	
AnswersToVendorsQuestions_36C78626R501200006.pdf - ADDED	10/04/2026	
RIVERSIDE NC PriceSched_0006.xlsx - ADDED	10/04/2026	
RNC GMC on-site visit Aug19.pdf - ADDED	10/04/2026	

"

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

Daniel W. Simms Division of
Director Wage Determinations

Wage Determination No.: 2015-5629
Revision No.: 31
Date Of Last Revision: 8/27/2026

State: California

Area: California Counties of Riverside and San Bernardino

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		21.30
01012 - Accounting Clerk II		23.90
01013 - Accounting Clerk III		26.74
01020 - Administrative Assistant		36.74
01035 - Court Reporter		56.85
01041 - Customer Service Representative I		18.52
01042 - Customer Service Representative II		20.21
01043 - Customer Service Representative III		22.67
01051 - Data Entry Operator I		20.36
01052 - Data Entry Operator II		22.22
01060 - Dispatcher, Motor Vehicle		25.00
01070 - Document Preparation Clerk		21.92
01090 - Duplicating Machine Operator		21.92
01111 - General Clerk I		18.17
01112 - General Clerk II		19.82
01113 - General Clerk III		22.24
01120 - Housing Referral Assistant		26.95
01141 - Messenger Courier		19.37
01191 - Order Clerk I		20.56
01192 - Order Clerk II		22.43
01261 - Personnel Assistant (Employment) I		22.45
01262 - Personnel Assistant (Employment) II		25.12
01263 - Personnel Assistant (Employment) III		28.01
01270 - Production Control Clerk		27.23
01290 - Rental Clerk		20.53
01300 - Scheduler, Maintenance		21.62
01311 - Secretary I		21.62
01312 - Secretary II		24.18
01313 - Secretary III		26.95
01320 - Service Order Dispatcher		22.35
01410 - Supply Technician		36.74
01420 - Survey Worker		24.25
01460 - Switchboard Operator/Receptionist		20.10
01531 - Travel Clerk I		20.12
01532 - Travel Clerk II		22.58
01533 - Travel Clerk III		25.26
01611 - Word Processor I		19.39
01612 - Word Processor II		21.77
01613 - Word Processor III		24.35
05000 - Automotive Service Occupations		
05005 - Automobile Body Repairer, Fiberglass		30.14
05010 - Automotive Electrician		29.08
05040 - Automotive Glass Installer		27.32
05070 - Automotive Worker		27.32
05110 - Mobile Equipment Servicer		23.64
05130 - Motor Equipment Metal Mechanic		30.87
05160 - Motor Equipment Metal Worker		27.32
05190 - Motor Vehicle Mechanic		30.87
05220 - Motor Vehicle Mechanic Helper		22.69
05250 - Motor Vehicle Upholstery Worker		25.52
05280 - Motor Vehicle Wrecker		27.32
05310 - Painter, Automotive		29.08
05340 - Radiator Repair Specialist		27.32
05370 - Tire Repairer		18.37
05400 - Transmission Repair Specialist		30.87
07000 - Food Preparation And Service Occupations		
07010 - Baker		20.09

07041 - Cook I	21.38
07042 - Cook II	24.86
07070 - Dishwasher	17.65
07130 - Food Service Worker	18.47
07210 - Meat Cutter	21.57
07260 - Waiter/Waitress	16.73
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	23.23
09040 - Furniture Handler	15.55
09080 - Furniture Refinisher	22.36
09090 - Furniture Refinisher Helper	17.45
09110 - Furniture Repairer, Minor	19.62
09130 - Upholsterer	23.43
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	17.42
11060 - Elevator Operator	19.64
11090 - Gardener	23.85
11122 - Housekeeping Aide	19.64
11150 - Janitor	19.64
11210 - Laborer, Grounds Maintenance	20.99
11240 - Maid or Houseman	18.84
11260 - Pruner	20.04
11270 - Tractor Operator	22.88
11330 - Trail Maintenance Worker	20.99
11360 - Window Cleaner	20.57
12000 - Health Occupations	
12010 - Ambulance Driver	20.92
12011 - Breath Alcohol Technician	33.19
12012 - Certified Occupational Therapist Assistant	38.50
12015 - Certified Physical Therapist Assistant	38.58
12020 - Dental Assistant	23.57
12025 - Dental Hygienist	52.42
12030 - EKG Technician	36.85
12035 - Electroneurodiagnostic Technologist	36.85
12040 - Emergency Medical Technician	20.92
12071 - Licensed Practical Nurse I	29.66
12072 - Licensed Practical Nurse II	33.19
12073 - Licensed Practical Nurse III	37.01
12100 - Medical Assistant	22.45
12130 - Medical Laboratory Technician	30.67
12160 - Medical Record Clerk	25.28
12190 - Medical Record Technician	28.28
12195 - Medical Transcriptionist	22.89
12210 - Nuclear Medicine Technologist	71.34
12221 - Nursing Assistant I	16.21
12222 - Nursing Assistant II	18.23
12223 - Nursing Assistant III	19.89
12224 - Nursing Assistant IV	22.32
12235 - Optical Dispenser	26.99
12236 - Optical Technician	24.11
12250 - Pharmacy Technician	24.17
12280 - Phlebotomist	24.75
12305 - Radiologic Technologist	50.57
12311 - Registered Nurse I	36.30
12312 - Registered Nurse II	44.40
12313 - Registered Nurse II, Specialist	44.40
12314 - Registered Nurse III	53.73
12315 - Registered Nurse III, Anesthetist	53.73
12316 - Registered Nurse IV	64.40
12317 - Scheduler (Drug and Alcohol Testing)	41.11
12320 - Substance Abuse Treatment Counselor	29.26
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	26.28
13012 - Exhibits Specialist II	32.56
13013 - Exhibits Specialist III	40.02
13041 - Illustrator I	28.69
13042 - Illustrator II	35.54
13043 - Illustrator III	43.47
13047 - Librarian	36.82
13050 - Library Aide/Clerk	21.41
13054 - Library Information Technology Systems Administrator	33.24
13058 - Library Technician	27.17
13061 - Media Specialist I	23.99
13062 - Media Specialist II	26.84
13063 - Media Specialist III	29.91
13071 - Photographer I	21.02
13072 - Photographer II	23.52
13073 - Photographer III	29.13
13074 - Photographer IV	35.64
13075 - Photographer V	43.13
13090 - Technical Order Library Clerk	26.87
13110 - Video Teleconference Technician	28.13
14000 - Information Technology Occupations	
14041 - Computer Operator I	24.36
14042 - Computer Operator II	27.25
14043 - Computer Operator III	30.39
14044 - Computer Operator IV	33.76
14045 - Computer Operator V	37.39
14071 - Computer Programmer I	(see 1)
14072 - Computer Programmer II	(see 1)
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)

14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		24.36
14160 - Personal Computer Support Technician		33.76
14170 - System Support Specialist		37.39
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		38.20
15020 - Aircrew Training Devices Instructor (Rated)		46.23
15030 - Air Crew Training Devices Instructor (Pilot)		55.41
15050 - Computer Based Training Specialist / Instructor		38.20
15060 - Educational Technologist		53.91
15070 - Flight Instructor (Pilot)		55.41
15080 - Graphic Artist		31.68
15085 - Maintenance Test Pilot, Fixed, Jet/Prop		55.17
15086 - Maintenance Test Pilot, Rotary Wing		55.17
15088 - Non-Maintenance Test/Co-Pilot		55.17
15090 - Technical Instructor		25.33
15095 - Technical Instructor/Course Developer		30.98
15110 - Test Proctor		20.44
15120 - Tutor		20.44
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler		18.78
16030 - Counter Attendant		18.78
16040 - Dry Cleaner		21.47
16070 - Finisher, Flatwork, Machine		18.78
16090 - Presser, Hand		18.78
16110 - Presser, Machine, Drycleaning		18.78
16130 - Presser, Machine, Shirts		18.78
16160 - Presser, Machine, Wearing Apparel, Laundry		18.78
16190 - Sewing Machine Operator		22.35
16220 - Tailor		23.25
16250 - Washer, Machine		19.68
19000 - Machine Tool Operation And Repair Occupations		
19010 - Machine-Tool Operator (Tool Room)		26.08
19040 - Tool And Die Maker		31.13
21000 - Materials Handling And Packing Occupations		
21020 - Forklift Operator		24.76
21030 - Material Coordinator		27.23
21040 - Material Expediter		27.23
21050 - Material Handling Laborer		22.15
21071 - Order Filler		20.77
21080 - Production Line Worker (Food Processing)		24.76
21110 - Shipping Packer		20.74
21130 - Shipping/Receiving Clerk		20.74
21140 - Store Worker I		21.87
21150 - Stock Clerk		25.13
21210 - Tools And Parts Attendant		24.76
21410 - Warehouse Specialist		24.76
23000 - Mechanics And Maintenance And Repair Occupations		
23010 - Aerospace Structural Welder		41.47
23019 - Aircraft Logs and Records Technician		32.37
23021 - Aircraft Mechanic I		39.15
23022 - Aircraft Mechanic II		41.47
23023 - Aircraft Mechanic III		43.08
23040 - Aircraft Mechanic Helper		28.78
23050 - Aircraft, Painter		36.88
23060 - Aircraft Servicer		32.37
23070 - Aircraft Survival Flight Equipment Technician		36.88
23080 - Aircraft Worker		34.65
23091 - Aircrew Life Support Equipment (ALSE) Mechanic I		34.65
23092 - Aircrew Life Support Equipment (ALSE) Mechanic II		39.15
23110 - Appliance Mechanic		27.65
23120 - Bicycle Repairer		21.32
23125 - Cable Splicer		58.62
23130 - Carpenter, Maintenance		34.08
23140 - Carpet Layer		25.73
23160 - Electrician, Maintenance		35.56
23181 - Electronics Technician Maintenance I		32.96
23182 - Electronics Technician Maintenance II		35.08
23183 - Electronics Technician Maintenance III		37.24
23260 - Fabric Worker		29.55
23290 - Fire Alarm System Mechanic		31.03
23310 - Fire Extinguisher Repairer		27.38
23311 - Fuel Distribution System Mechanic		42.42
23312 - Fuel Distribution System Operator		32.44
23370 - General Maintenance Worker		26.16
23380 - Ground Support Equipment Mechanic		39.15
23381 - Ground Support Equipment Servicer		32.37
23382 - Ground Support Equipment Worker		34.65
23391 - Gunsmith I		27.38
23392 - Gunsmith II		31.64
23393 - Gunsmith III		35.75
23410 - Heating, Ventilation And Air-Conditioning Mechanic		30.92
23411 - Heating, Ventilation And Air Contidioning Mechanic (Research Facility)		32.75

23430 - Heavy Equipment Mechanic	36.56
23440 - Heavy Equipment Operator	39.51
23460 - Instrument Mechanic	40.96
23465 - Laboratory/Shelter Mechanic	33.67
23470 - Laborer	22.15
23510 - Locksmith	30.25
23530 - Machinery Maintenance Mechanic	35.19
23550 - Machinist, Maintenance	24.78
23580 - Maintenance Trades Helper	20.23
23591 - Metrology Technician I	40.96
23592 - Metrology Technician II	42.99
23593 - Metrology Technician III	44.64
23640 - Millwright	33.60
23710 - Office Appliance Repairer	22.67
23760 - Painter, Maintenance	23.51
23790 - Pipefitter, Maintenance	32.62
23810 - Plumber, Maintenance	30.73
23820 - Pneudraulic Systems Mechanic	35.75
23850 - Rigger	36.12
23870 - Scale Mechanic	31.64
23890 - Sheet-Metal Worker, Maintenance	34.39
23910 - Small Engine Mechanic	24.56
23931 - Telecommunications Mechanic I	34.99
23932 - Telecommunications Mechanic II	37.06
23950 - Telephone Lineman	39.51
23960 - Welder, Combination, Maintenance	25.02
23965 - Well Driller	37.50
23970 - Woodcraft Worker	35.75
23980 - Woodworker	27.38
24000 - Personal Needs Occupations	
24550 - Case Manager	23.26
24570 - Child Care Attendant	19.33
24580 - Child Care Center Clerk	24.12
24610 - Chore Aide	16.50
24620 - Family Readiness And Support Services Coordinator	23.26
24630 - Homemaker	23.26
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	41.69
25040 - Sewage Plant Operator	39.80
25070 - Stationary Engineer	41.69
25190 - Ventilation Equipment Tender	28.67
25210 - Water Treatment Plant Operator	39.80
27000 - Protective Service Occupations	
27004 - Alarm Monitor	37.15
27007 - Baggage Inspector	18.31
27008 - Corrections Officer	45.54
27010 - Court Security Officer	41.80
27030 - Detection Dog Handler	20.48
27040 - Detention Officer	45.54
27070 - Firefighter	38.06
27101 - Guard I	18.31
27102 - Guard II	20.48
27131 - Police Officer I	46.22
27132 - Police Officer II	51.37
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	19.21
28042 - Carnival Equipment Repairer	20.56
28043 - Carnival Worker	16.82
28210 - Gate Attendant/Gate Tender	22.28
28310 - Lifeguard	18.83
28350 - Park Attendant (Aide)	24.93
28510 - Recreation Aide/Health Facility Attendant	18.20
28515 - Recreation Specialist	30.88
28630 - Sports Official	19.86
28690 - Swimming Pool Operator	24.05
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	35.30
29020 - Hatch Tender	35.30
29030 - Line Handler	35.30
29041 - Stevedore I	32.97
29042 - Stevedore II	37.57
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO)	(see 2) 54.25
30011 - Air Traffic Control Specialist, Station (HFO)	(see 2) 37.41
30012 - Air Traffic Control Specialist, Terminal (HFO)	(see 2) 41.19
30021 - Archeological Technician I	24.64
30022 - Archeological Technician II	27.72
30023 - Archeological Technician III	34.21
30030 - Cartographic Technician	34.35
30040 - Civil Engineering Technician	38.80
30051 - Cryogenic Technician I	34.20
30052 - Cryogenic Technician II	37.77
30061 - Drafter/CAD Operator I	24.64
30062 - Drafter/CAD Operator II	27.72
30063 - Drafter/CAD Operator III	30.79
30064 - Drafter/CAD Operator IV	37.88
30081 - Engineering Technician I	20.57
30082 - Engineering Technician II	23.09

30083 - Engineering Technician III	25.82
30084 - Engineering Technician IV	31.99
30085 - Engineering Technician V	39.12
30086 - Engineering Technician VI	47.33
30090 - Environmental Technician	26.89
30095 - Evidence Control Specialist	30.89
30210 - Laboratory Technician	26.25
30221 - Latent Fingerprint Technician I	35.84
30222 - Latent Fingerprint Technician II	39.58
30240 - Mathematical Technician	41.04
30361 - Paralegal/Legal Assistant I	23.85
30362 - Paralegal/Legal Assistant II	29.56
30363 - Paralegal/Legal Assistant III	36.15
30364 - Paralegal/Legal Assistant IV	43.75
30375 - Petroleum Supply Specialist	37.77
30390 - Photo-Optics Technician	33.63
30395 - Radiation Control Technician	37.77
30461 - Technical Writer I	33.30
30462 - Technical Writer II	40.73
30463 - Technical Writer III	49.27
30491 - Unexploded Ordnance (UXO) Technician I	34.48
30492 - Unexploded Ordnance (UXO) Technician II	41.72
30493 - Unexploded Ordnance (UXO) Technician III	50.00
30494 - Unexploded (UXO) Safety Escort	34.48
30495 - Unexploded (UXO) Sweep Personnel	34.48
30501 - Weather Forecaster I	34.20
30502 - Weather Forecaster II	41.61
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2) 30.79
30621 - Weather Observer, Senior	(see 2) 33.39
31000 - Transportation/Mobile Equipment Operation Occupations	
31010 - Airplane Pilot	41.72
31020 - Bus Aide	22.32
31030 - Bus Driver	28.19
31043 - Driver Courier	21.02
31260 - Parking and Lot Attendant	16.84
31290 - Shuttle Bus Driver	18.74
31310 - Taxi Driver	14.93
31361 - Truckdriver, Light	21.90
31362 - Truckdriver, Medium	23.64
31363 - Truckdriver, Heavy	29.17
31364 - Truckdriver, Tractor-Trailer	29.17
99000 - Miscellaneous Occupations	
99020 - Cabin Safety Specialist	20.34
99030 - Cashier	17.16
99050 - Desk Clerk	17.81
99095 - Embalmer	33.96
99130 - Flight Follower	34.48
99251 - Laboratory Animal Caretaker I	20.30
99252 - Laboratory Animal Caretaker II	21.75
99260 - Marketing Analyst	34.47
99310 - Mortician	33.96
99410 - Pest Controller	22.07
99510 - Photofinishing Worker	22.64
99710 - Recycling Laborer	31.19
99711 - Recycling Specialist	36.94
99730 - Refuse Collector	29.78
99810 - Sales Clerk	17.66
99820 - School Crossing Guard	19.83
99830 - Survey Party Chief	47.18
99831 - Surveying Aide	24.94
99832 - Surveying Technician	34.10
99840 - Vending Machine Attendant	18.57
99841 - Vending Machine Repairer	23.28
99842 - Vending Machine Repairer Helper	18.57

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Note: Executive Order 13658 generally applies to contracts subject to the Service Contract Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.65 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$5.92 per hour, up to 40 hours per week, or \$236.80 per week or \$1,026.13 per month

HEALTH & WELFARE EO 13706: \$5.42 per hour, up to 40 hours per week, or \$216.80 per week, or \$939.46 per month*

*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor, 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Juneteenth National Independence Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: This wage determination does not apply to any individual employed in a bona fide executive, administrative, or professional capacity, as defined in 29 C.F.R. Part 541. (See 41 C.F.R. 6701(3)). Because most Computer Systems Analysts and Computer Programmers who are paid at least \$27.63 per hour (or at least \$684 per week if paid on a salary or fee basis) likely qualify as exempt computer professionals under 29 U.S.C. 213(a)(1) and 29 U.S.C. 213(a)(17), this wage determination may not include wage rates for all occupations within those job families. In such instances, a conformance will be necessary if there are nonexempt employees in these job families working on the contract.

Job titles vary widely and change quickly in the computer industry, and are not determinative of whether an employee is an exempt computer professional. To be exempt, computer employees who satisfy the compensation requirements must also have a primary duty that consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

Any computer employee who meets the applicable compensation requirements and the above duties test qualifies as an exempt computer professional under both section 13(a)(1) and section 13(a)(17) of the Fair Labor Standards Act. (Field Assistance Bulletin No. 2006-3 (Dec. 14, 2006)). Accordingly, this wage determination will not apply to any exempt computer employee regardless of which of these two exemptions is utilized.

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

** HAZARDOUS PAY DIFFERENTIAL **

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, drying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an

employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS ****

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

**** REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE, Standard Form 1444 (SF-1444) ****

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.
- 6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1))."

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E.1 ADDENDUM TO FAR 52.212-1 – INSTRUCTIONS TO OFFERORS – COMMERCIAL ITEMS

Provisions that are incorporated by reference (by Citation Number, Title, and Date), have the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

The following provisions are incorporated into 52.212-1 as an addendum to this solicitation.

- A. GENERAL INSTRUCTIONS:** This section provides general guidance for preparing the proposal, as well as specific instructions on the format and content of the proposal. The Offeror's proposal must include all data and information requested and must be submitted in accordance with these instructions. Any Offeror who submits an incomplete package may have its proposal considered to be unacceptable and removed from consideration for contract award. The offer shall be compliant with the requirements as stated in the Solicitation. Non-compliance with the instructions to the Solicitation may result in an unfavorable proposal evaluation and may be grounds to eliminate the proposal from consideration for contract award.

Offeror should thoroughly review the specifications and become familiar with the requirement prior to submitting a proposal. Failure to understand the contract requirements shall not relieve the successful Offeror from performing in accordance with the strict meaning and intent of the specifications.

Submission of Offerors. Offeror must complete and return a complete package of all items required prior to the time specified in the Solicitation to be considered for award.

Please review the following items before submitting your proposal:

- ☐ Have you completed and sign the 1449?
- ☐ Have you completed the Price Schedule (RIVERSIDE NC_PriceSched)?
- ☐ Have you acknowledged any amendment (s), if applicable?
- ☐ Have you included the requested information required for responding to the non-price and price evaluation factors?
- ☐ Have you completed and signed the VAAR 852.219-75 VA NOTICE OF LIMITATIONS ON SUBCONTRACTING-CERTIFICATE OF COMPLIANCE FOR SERVICES AND CONSTRUCTION (NOV 2022)?
- ☐ Have you submitted two or more completed Past Performance Questionnaires?

- B. TYPE OF ACQUISITION:** This acquisition is a competitive solicitation. Award will be made to the offeror who represents the best value to the Government.
- C. PERIOD OF ACCEPTANCE OF OFFERS:** The Offeror agrees to hold prices in its offer firm for a period of sixty (60) calendar days from the closing date of the solicitation.
- D. PAST PERFORMANCE:** The Government reserves the right to obtain past performance information from any available source and may contact references other than those identified by the Offeror when determining responsibility.
- E. POST-AWARD/PRE-PERFORMANCE CONFERENCE:** A post-award/pre-performance conference will be scheduled by the Contracting Officer (CO) and held prior to the commencement of any work. The Offeror and/or their duly authorized representative(s) is/are required to attend the post-award/pre-

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performance conference. The CO and COR shall meet with the Contractor to discuss details of the contract, the Guards sites and schedules, emergency contact information, handbook, and any other information pertinent to the performance of the contract.

- F. POINTS OF CONTACT (POC):** Written requests for clarification, questions, and/or concerns may be sent to the following:

Ralph Crum
Contracting Officer
Ralph.Crum@va.gov

G. VENDOR SITE VISIT

A Vendor Site Visit will be held at the Riverside National Cemetery, 22495 Van Buren Blvd, Riverside, CA 92518.

The Vendor Site Visit will be held in the Cemetery Admin Office on **August 19, 2026, at 830AM** Pacific Standard Time (PST).

RSVP: Due to the room size limitations, Offerors are encouraged to notify the Contracting Officer of their plan to attend. Notification should include Company Name, Address, Names of Attendees, and Phone No. Attendance Notification should be received by the Contracting Officer and COR via e-mail ralph.crum@va.gov and Lincoln.Sii@va.gov no later than **August 18, 2026, at 5PM PST**.

All questions must be submitted via email by **August 21, 2026, 5:00 PM PST** to: Ralph.Crum@va.gov. All questions shall be addressed via an amendment to the Solicitation.

Safety and Privacy Concerns: Participants should dress in comfortable clothing suited for indoor and outdoor conditions. Closed-toe shoes are encouraged for safety reasons.

NOTE 1: Questions raised during the site visit must be written and will be provided to the Contracting Officer for dissemination to all potential bidders. All questions raised after the site visit must be provided to the Contracting Officer in writing.

H. PROPOSAL SUBMISSION INSTRUCTIONS:

Submission via email to: Ralph.Crum@va.gov
Subject line: 36C78625R50120 Company Name
Submission deadline: **October 13, 2026, 5:00 PM PST**

Do not make any changes to the files or the format of the files of the Solicitation and any attachments. Offerors who make any changes without prior written consent from the CO may be eliminated from further consideration.

- It is the Offeror's responsibility to ensure that documents are complete, and submission is viewable/readable and arrives to the CO/CS by the date and time required.
- Please complete both the price schedule in the solicitation document as well as the **Price Schedule (RIVERSIDE NC_PriceSched) (attachment)**. Please enter your proposed unit prices in column J. A formula will calculate the extended price in column M as well as the totals. Stated period of performance stated on spreadsheet will vary based on date of award.
- All questions must be submitted via email by **August 21, 2026, 5:00 PM PST**, to: Ralph.Crum@va.gov. All questions shall be addressed via an amendment to the Solicitation.

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- If any required documents are omitted with submission, the offer may be precluded from further consideration.

(End of Addendum to 52.212-1)

E.2 52.212-2 EVALUATION – COMMERCIAL ITEMS (OCT 2014)

(A) BASIS OF AWARD: This procurement is a best value source selection and is being conducted pursuant to FAR Part 15.103-1 procedures. The Government intends to award a single contract as a result of this solicitation, based on the evaluation factors listed below and whose offer represents the best value to the Government. A contract may be awarded to the offeror whose offer conforms to the solicitation's requirements (to include all stated terms, conditions, representations, certifications, and all other information required in the Performance Work Statement of this solicitation) and is determined by an overall assessment of the evaluation factors to represent the most advantageous to the Government. As part of making the assessment, a tradeoff analysis will be performed to determine as whether exceeding the minimum requirements at an associated price provides the best value to the Government.

(B) AWARD FOR ALL OF THE WORK. The Government intends to award a single award contract as a result of this solicitation. Offers received for less than the stated number of items listed in the schedule may be considered ineligible for award.

(C) EVALUATION PROCESS: Evaluation Factors. Evaluation of offers will be made using procedures under RFO FAR Part 15.104. Offers will be evaluated in accordance with the following factors and sub-factors:

- Factor 1: Technical Capability
- Factor 2: Past Performance
- Factor 3: Price

Relative Importance of Evaluation Factors:

Factor (1), Technical Capability, is equal to Factor (2), Past Performance. When combined, the two non-price factors are more important than Factor (3), Price.

FACTOR 1 – Technical Capability: The Offeror shall demonstrate understanding of the requirements of the Performance Work Statement and produce an offer that will meet those objectives. The offer shall be evaluated based on the proposed approach to performing the work. Offers must document and evidence the solution and approach proposed:

- a. **Subfactor 1a CLIN 0001 – Turf & Grasses Maintenance.** In no more than 20 pages provide/demonstrate the following:
 1. Experience in turf renovation, fertilization, mowing, trimming, edging, aerification, and pest control.
 2. Knowledge of cool-season and warm-season turfgrass management.
 3. Compliance with SCA and OSHA safety standards.
 4. Ability to meet turf performance standards ($\geq 95\%$ coverage, $\geq 98\%$ weed-free).
 5. Work plan for turf maintenance.
 6. Equipment list for mowing and turf care.
 7. Compliance statement with environmental and safety regulations.

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- b. Subfactor 1b: CLIN 0002 – Pest Control.** In no more than 20 pages provide/demonstrate the following:

 1. Certifications for pesticide applicators.
 2. Knowledge of Integrated Pest Management (IPM).
 3. Ability to control vertebrate pests by NCA standards.
 4. Pesticide application plan and SDS sheets.
 5. Compliance statement with EPA and state regulations.

- c. Subfactor 1c: CLIN 0003 – Irrigation System Services.** In no more than 20 pages provide/demonstrate the following:

 1. Certified pump station and filtration system technicians.
 2. Experience in preventive maintenance for irrigation systems.
 3. Twenty-four (24)-hour emergency response capability.
 4. Preventive maintenance plan for pumps, valves, and filters.
 5. Equipment list for irrigation maintenance.

- d. Subfactor 1d: CLIN 0004 – Pond Services.** In no more than 20 pages provide/demonstrate the following:

 1. Licensed aquatic biologist.
 2. Certified aquatic pesticide applicators.
 3. Experience in pond aeration and water quality management.
 4. Pond management plan.
 5. Water testing reports.
 6. SDS sheets for chemicals.

- e. Subfactor 1e: CLIN 0005 – – Drainage System Maintenance.** In no more than 20 pages provide/demonstrate the following:

 1. Experience in drainage system cleaning and maintenance.
 2. Ability to maintain stormwater lift pumps and erosion control measures.
 3. Preventive maintenance plan for drainage systems.
 4. Equipment list for cleaning and erosion control.

- f. Subfactor 1f: CLIN 0006 – – Trash & Debris Removal.** In no more than 10 pages provide/demonstrate the following:

 1. Experience in large-scale trash and debris removal.
 2. Knowledge of NCA floral regulations.
 3. OSHA safety compliance.
 4. Daily work plan for trash and debris removal.
 5. Equipment list.

- g. Subfactor 1g: CLIN 0007 – – Structure Cleaning.** In no more than 20 pages provide/demonstrate the following:

 1. Experience in cleaning monuments and memorial structures.
 2. Knowledge of approved cleaning methods and environmental compliance.
 3. OSHA safety compliance.
 4. Cleaning schedule and work plan.
 5. SDS and product data sheets.

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6. Equipment list.

FACTOR 2 - Past Performance: The Government will evaluate the Past Performance of the Prime vendor (i.e. the offeror) proposed to perform a major portion of the requirement. The past performance evaluation factor assesses the degree of confidence the Government has in an offeror's ability to supply products and services that meet users' needs, based on a demonstrated record of performance. For evaluation of Past Performance, the Government may use information from any sources available to it including, but not limited to, the Contract Performance Assessment Reporting System (CPARS) and the attached **Past Performance Questionnaire**.

Past performance questionnaire (see attachment). Offerors shall provide no less than two (2) relevant past performance information for work performed comparable to the **Riverside National Cemetery** under contracts completed during the last five (5) years. The Government reserves the right to verify statements and representations made in an offeror's proposal. The offeror may include Federal, State and Local Government and private sector contracts. However, the Government will evaluate contract(s) the offeror has/had with a Federal Government Agency more favorably.

To obtain information, the Government may contact the points of contact listed by offerors, however, the Government is not required to contact the points of contact provided by offerors and may limit the number of references it decides to contact. The Government is also free to contact references other than those provided by the offeror to evaluate past performance of offerors.

Factor 3 – Price. This factor shall be used to assess the reasonableness of the Offeror's proposed price. For this factor, Offerors shall submit their Price Schedule of Services of this. Offerors are advised that if their proposed price exceeds the amount of funding available for this procurement for the base period of performance, their proposal may be rejected on that basis and be removed from further consideration for contract award.

(D) **OPTIONS:** The Government will evaluate quotes for award purposes by adding the total price for all options to the total price for the basic requirement. The Government may determine that a quote is unacceptable if the option prices are significantly unbalanced or if the proposed price for the basic requirement or any option exceeds the amount of funding available for any of those requirements. Evaluation of options shall not obligate the Government to exercise the option(s).

(End of provision)

