



**ARLINGTON COUNTY, VIRGINIA
OFFICE OF THE PURCHASING AGENT
INVITATION TO BID NO. 24-DES-ITBPW-397**

ADDENDUM NO. 2

Arlington County (hereinafter referred to as the "County") Invitation to Bid (ITB) No. 24-DES-ITBPW-397 for Stream Restoration is amended as follows:

- **THE COUNTY IS HEREBY EXTENDING THE BID DUE DATE UNTIL APRIL 2, 2024 AT 2:00 P.M.**
- **ATTACHMENT A, REVISED PRICING SHEET, IS HEREBY REPLACED IN ITS ENTIRETY WITH THE REVISED PRICING SHEET V2. TO BE CONSIDERED RESPONSIVE, BID RESPONSES MUST BE SUBMITTED ON ATTACHMENT A – REVISED PRICING SHEET V2.**
- **THE COUNTY HAS REPLACED ATTACHMENT C: SUPPLEMENTAL SPECIFICATIONS TO CORRECT HEADING ERROR IN ORIGINAL DOCUMENT.**
- **THE COUNTY HAS ADDED ATTACHMENT E. GOOSE FENCE PROTECTION DETAIL AS AN ATTACHEMENT TO THIS SOLICITATION.**
- **THE COUNTY HAS RECEIVED THE FOLLOWING QUESTIONS IN RESPONSE TO THIS ITB. QUESTIONS AND ANSWERS ARE ATTACHED TO THIS ADDENDUM.**

The balance of the solicitation remains unchanged.

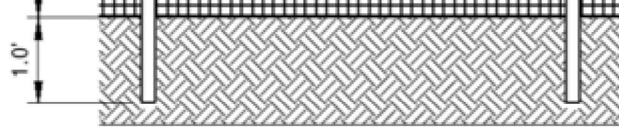
Arlington County, Virginia
Briana Henley
Procurement Officer
Bhenley@arlingtonva.us

RETURN THIS PAGE, FULLY COMPLETED AND SIGNED, WITH YOUR BID:

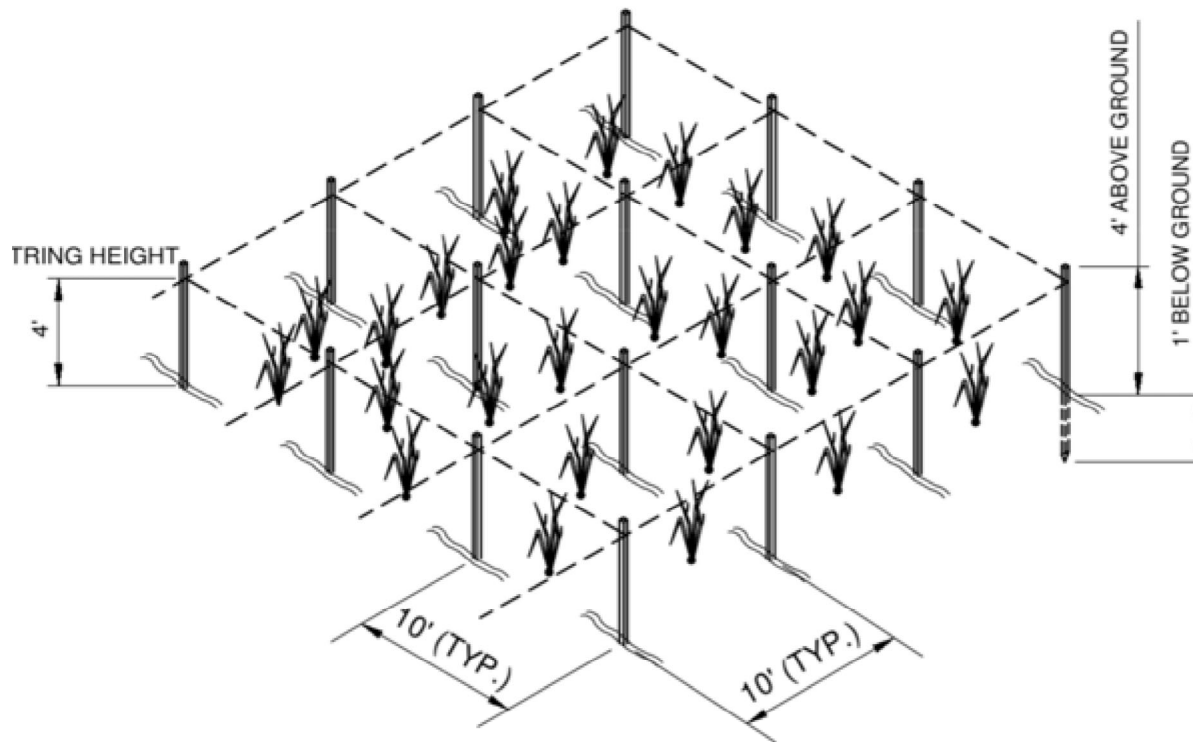
BIDDER ACKNOWLEDGES RECEIPT OF ADDENDUM NUMBER 2.

FIRM NAME: _____

AUTHORIZED SIGNATURE: _____ **DATE:** _____



PERIMETER WATERFOWL BARRIER FENCE
(NOT TO SCALE)



NOTES:

1. PERIMETER POSTS TO BE PLACED 10' APART. THE PERIMETER OF THE BARRIER CELL IS A 50'x50' SQUARE AS SHOWN IN THE DETAIL.
2. PERIMETER AND INTERNAL POSTS ARE 2"x2"x5' HARDWOOD POSTS. DO **NOT** USE PRESSURE TREATED WOOD.
3. INSTALL 4' HIGH PLASTIC FENCING ALONG PERIMETER POSTS. FENCE SHOULD HAVE A 1.75"x1.75" MESH GRID.
4. MOUNT NYLON STRING ATOP POSTS IN THE PATTERN INDICATED IN THE BARRIER CELL DETAIL.
5. TIE REFLECTIVE MYLAR FLAGGING BETWEEN POSTS.

No.	Question	Answer
1	May we have a list of attendees for the Prebid meeting?	Response provided in Addendum 1
2	Can the county confirm the unit of measure is correct for item C1-2?	Yes. C1-2 Test Pits Each vertical feet over 6 feet is measure in LF.
3	Could the county define the depth or scope of grading required for C1-5 or is this item is supposed to be CY?	Grading is paid per square Yard. No significant depth (> 1 foot) is anticipated in grading operations in stream restoration construction, maintenance and repair work. Please note this is separate from excavation (which is not separately paid but is part of the pay item requiring it).
4	Can the county specify the depth of stone for C1-13 to C1-19?	C1-13 to C1-19 are to be measure in cubic yard irrespective of the depth of stone - depth varies
5	Could the county confirm the IN (Inches) depth for item C2-1?	The measurement for C2-1 is SY/ in (square yard of area per inch of depth
6	Could the county confirm the Unit of measure for C3-2?	The measurement for C3-2 is SY/ in (square yard of area per inch of depth
7	For item C11-41, Can the county provide what size plants the county would provide?	The size of plants to be provided by county can be capped at 1 gallon
8	For Item C11-42, How many trips is the county anticipating for this item or is the unit of measure incorrect and it should be Each?	The pick up is going to be from our County nursery which is located near Barcroft community center - Barcroft park
9	Could the county review item C11-75 and C11-76, this item seems to be a duplicate?	C11-76 is removed
10	For item C11-92, Is the unit of measure supposed to be EA?	Yes unit for C11-75 is each
11	For item C11-92, if this line item is Each, is there a specific area or location that needs to be bush hogged?	That is going to depend on the type of construction in each task order, some might have some might. The construction documents for the task order will show the location.
12	For items regarding Sediment Traps IE C13-19. Is the CY to be measured based on volume of water storage or excavation required to install the sediment trap?	The volume measurement in cubic yard is for the size of the trap.
13	Regarding question 11. If the unit of measure is to excavation of soil. How does the county desire the contractor to measure excavation if the sediment pond is to be constructed above ground where soil import is required?	The volume measurement in cubic yard is for the size of the trap.
14	For Item C13-26, could the county provide a detail regarding the Bio Logs and live stakes?	As indicated in the line item - that should be per Virginia erosion and sediment control handbook cited.
15	For item C13-43, could the county confirm this unit of measure is correct?	Payment for Maintenance of stream flow for is lump sum.
16	Regarding Items C13-47, C13-48, C13-49, C13-50, could the county provide a detail of these mulch access roads?	Pay items C13-47 though C13-50 are removed from the pay item list
17	Regarding item C13-52, could the county provide a detail showing how long/range of size the access bridge should be quoted in this item?	This is temporary access bridge for site access for Stream restoration work in general. That will differ per task order.
18	Regarding item C13-53, can the county provide a detail of this item along with the desired size of pipe?	Refer to Virginia Erosion and Sediment Control Handbook (VESCHB) standard spec 3.24
19	Regarding item C15-22, what size steel plate does the county desire for this item?	Steel plate size is going to vary with each task order
20	Regarding item C15-23, what size trench box does the county desire for this item?	Trench box size is going to vary with each task order
21	Regarding item C15-26, can the county provide what kind of boom truck should be quoted in this item? IE. Size of truck, lifting capacity of boom, etc....	Boom truck use might vary per task order
22	Regarding Item C15-27, What weight capacity of a Tractor and trailer is required?	Weight capacity for truck use might vary per task order
23	Regarding item C15-28, is there a max pump size for this item?	This line item is for 4" or Greater Dewatering Pump
24	Regarding item C15-30, does the Jack Hammer need to meet any kind of strength requirements?	It should be compatible with the kind of work usually encountered in stream restoration construction.
25	Regarding Item C15-30, does the county desire a air powered jack hammer or electric?	No preference. It is up to contractor to quote for the type that is appropriate for the kind of construction with this contract
26	Regarding Items C15-32, C15-33, C15-34, C15-35, C15-36, C15-37, C15-38, this is a stream contract not a power utility contract. Are these items even required?	We acknowledge that these items are not what are regularly included in a stream restoration type of construction. However, we can not rule out the possibility of a situation that would involve their use.
27	If the power utility items are indeed part of this contract, could the county provide information on what kind of utilities will be handled in this contract?	Consider all kind of dry utilities. However, please note that relocating utilities are not encountered regularly on stream restoration projects. The possibility of the need for one throughout the length of this contract can not be ruled out.
28	In reference to question 26, does the county have a desired utility contractor in which contractors should contract through?	No.
29	Regarding item C15-42, Is this item to be used for dewatering or pump arounds?	It could be for both.

No.	Question	Answer
30	Regarding item C15-42, if the contractor quotes this line item using a 2" pump but the stream requires a 6" pump. Would the contractor be allowed to adjust this item's QTY to account for the cost of a 6" pump?	The line item is for all sizes less than 8". All less than 8" will have one payment. No adjustments later.
31	Regarding item C15-45, does the county desire HDPE pipe or Metal for the rigid pipe?	No preference.
32	Could the county look into item C15-51? Is this item to be measured in CY rather than LF?	The unit for C15-51 is changed to CY
33	If item C15-51 is indeed measured in LF, can the county provide how much excavation should be measured per LF?	The unit for C15-51 is changed to CY
34	Regarding item C17-5, Is this item to be purchased or provided by the county?	Line item C17-5 is for logs available within / in vicinity of project site for the contractor to make use of. No purchase required.
35	Regarding item C17-5, What LF are the logs required to be?	Length is going to vary per task order and per log.
36	Regarding item C17-5, What are these logs to be used for?	The supplemental spec section related to that is provided with the line item.
37	Regarding Item C19-03, does the county have a max on how high these imbricated stack walls can be stacked safely?	Height of imbricated wall is going to vary for each location and task order. Directions on maximum height when needed would be provided on the construction documents for the task order
38	Regarding item C19-04 & C19-08 are identical, are these items duplicates?	C19-08 is deleted
39	Regarding item C19-10, should these items include purchase and installation or would the purchase of these items be covered under item C17-8?	Please take note to the section number provided with each line item. Look at supplemental spec Section 02215 - measurement and payment measurement and payment
40	Regarding item C19-12, could the county provide a detail or some kind of specs for the flagstone?	Flagstones could be full color thermal irregular or Bluestone irregular with size ranging from 3 in x13 in x11 in to 3 in x 18 in x 24 in. (thickness x width x length)
41	Regarding item C19-13, could the county provide a spec for the Silica Cobble?	Silica cobble stones should be 4 inx4 in x 8 in to 5 in x 5 in x 9 in. Color can be transparent pink, tan, gray or red
42	Regarding item C19-14, what size boulders should be accounted for in this item?	Size can vary per task order. Can be large or medium by generally accepted definition medium boulder size is 12" - 24". Anything above that is considered large boulder. The unit is in per tons so all sizes are accounted for
43	Regarding item C19-27, could the county provide a detail of this item?	Look at attachment D for available details and supplemental spec 02216.
44	Regarding item C19-29, could the county provide a detail of this item?	Look at attachment D for available details and supplemental spec 02216.
45	Regarding item C19-30, could the county provide a detail of this item?	Look at attachment D for available details and supplemental spec 02216.
46	Regarding item C19-35, could the county provide a detail of this item?	Look at attachment D for available details and supplemental spec 02216.
47	Regarding item C19-36, could the county provide a detail of this item?	Look at attachment D for available details and supplemental spec 02216.
48	Regarding item C19-40, what size natural fiber roll should be quoted for this item?	Look at attachment D for available details and supplemental spec 02216.
49	The county has tree removal covered for all sizes except <6". How is clearing less than 6" to be paid?	See Arlington County DES Spec section 02100 - measurement and payment: The removal of any designated tree smaller than 6" DBH shall be consider clearing and incidental to the WORK. Therefore, no separate payment shall be made for the removal of any tree smaller than 6" DBH.
50	Could the county kindly confirm all units of measure are the correct units of measure?	Units for all line items are confirmed. Attachment A. Revised Pricing Sheet v2 has been provided as an attachment to this addendum.
51	Detail for pavers calls for specific pavers to be used. Would the county consider removing this pay item because each paver will have it's own specific detail that will differ from the standard spec provided? Therefore, this item will likely never be used because each site might require different pavers.	The paver items shall remain in the unit price list and contractor shall provide prices in the bid item list.
52	Are there any MBE goals for this contract?	No there are no MBE goal requirements for this contract.
53	Are there any local participation goals for this contract?	No there is no local participation goals for this contract.
54	When does the county anticipate this contract starting?	There might be a task order this year. WE are by no meant guaranteeing that
55	If the contract if multiple award, how is the county planning on dividing up the work to the contractors?	The County will award to the two lowest bidder and task orders will be assigned on a rotational basis.
56	If only one contractor chooses to renew an optional year, will that contractor become the only contractor or will the county rebid the contract to gain another?	The County cannot determine how it will proceed at this time. However protocol would suggest that the county would continue with one vendor.

No.	Question	Answer
57	<p>The ITB includes this requirement for Builder's Risk insurance: 4.1 The Contractor shall purchase and maintain builders risk insurance with a limit equal to the initial Contract Amount and any amendments to the Contract which affect the project cost on a replacement cost basis. Builder's risk insurance shall be maintained until Final Payment under the Contract has been made or until no person or entity other than the County has an insurable interest in the covered property, whichever is earlier. The builders risk insurance shall include the County as defined in Section 1.6, Contractor, subcontractors and sub-subcontractors as named insureds. Would the County consider eliminating that requirement in view of the task ordering nature of this contract, which does not allow a bidder to forecast likely premiums due to undefined scope and value? If the requirement cannot be eliminated, can it be considered (and reimbursed at cost) on a task order by task order basis, with no requirement to continue to continue to cover completed work? Builder's risk policies have fairly high minimum premiums. For medium and smaller task orders, an installation floater might be more appropriate. In addition, flooding is a hazard typically excluded from builder's risk coverage, and that is the hazard most likely to threaten the type of work to be performed under this contract. In addition, the requirement would be inappropriate for maintenance and repair task orders.</p>	<p>The County will not waive the builder's risk requirement. The Contractor will be required to maintain the annual contract capacity amount of \$2,250,000.</p>
58	<p>The Special Conditions include this requirement: The Works shall be prosecuted regularly, diligently, and uninterruptedly at a production rate of \$25,000 of installed value per week on projects where "normal daytime working hours" govern. For projects where "restricted work hours" in County and VDOT ROW govern, the Works shall be prosecuted regularly, diligently, and uninterruptedly at a production rate of \$17,000 of installed value per week. Would the County consider delegating this requirement in view of the task ordering nature of the contract and the, as yet, undefined scope of work? It is impossible to predict rates of production without knowing scope.</p>	<p>All anticipated way is going to be outside VDOT Right- Of- Way (ROW) and few instances of stream restoration work might overlap County ROW. Please note that even though the detail of the work in each task order is not known. The task orders are capped at a maximum of \$750,000 per task.</p>
59	<p>Why is no markup allowed on materials, equipment or subcontracted labor for maintenance and repair work? Is the no-markup rule limited to non-prepriced items needed for maintenance and repair work? a. The relevant section is as follows: II. PAYMENT FOR STREAM RESTORATION MAINTENANCE REPAIR WORK Payments for all labor performed on a time and materials basis shall be for work performed and services rendered on the job site only. The payment shall include transportation and delivery of material and equipment to site and all labor to remove, haul, and to properly dispose of any debris or excess material. All charges for materials, parts and equipment shall be at the Contractor's cost and reimbursable by the County upon receipt of an invoice per the terms cited in section. The Contractor shall provide the parts and materials at cost with no additional markup. Upon request by the County, the Contractor shall provide evidence of cost of the materials. The County will reimburse the Contractor for any subcontractor work at the labor rate and materials charged by the subcontractor at the Contractor's cost.</p>	<p>Mark up is allowed only for those items that are not included in the price item list in this contract. This applies for maintenance and repair work and also for stream restoration construction work.</p>
60	<p>Please confirm that markup is allowed on materials, equipment and subcontracted work for stream restoration, outfall and utility task orders.</p>	<p>Mark up on material, equipment and labor could be considered. Allowing it is going to depend on conditions in each task order.</p>
61	<p>The SC state that access road is to be incidental to MOB. Could a maximum length of incidental access road be stated in view of the 5% cap on MOB?</p>	<p>The maximum access road per task order is capped at 200 feet.</p>
62	<p>Attachment C Supplemental Specifications seems to state that invasive species control during construction is incidental to construction. Please advise whether that is correct.</p>	<p>That is correct.</p>
63	<p>Is overtime applied based on an 8 hour day or a 40 hour week?</p>	<p>The hourly line items in the bid price list does not consider overtime.</p>
64	<p>Considering the questions did not enter in a row fashion, should each question be submitted individually?</p>	<p>No.</p>
65	<p>References to wage rates direct us to Exhibit C; however, I did not locate an Exhibit C attachment or wage rates. Please confirm if wage rates apply to the contract, and if so, please provide a copy.</p>	<p>Please download the file again.</p>
66	<p>Update to my inquiry submitted before: References to wage rates direct us to Exhibit A & C; however, I did not locate an Exhibit C attachment, exhibit A provides other documents and I was unable to locate any wage rates within the entire package. Please confirm if wage rates apply to the contract, and if so, please provide a copy.</p>	<p>Yes, prevailing wage rates do apply to this contract. Please download a new copy of the file in vendor registry.</p>
67	<p>If a contractor is to be selected as one of the low bidders and is called upon to work on a task order but is currently not able to provide its services at the time will the county just go to the other bidder or will the contractor be forced to complete the task order? 2. I did not see any sections on the bid form for costs including dewatering or pumping of streams. Will the county add a line item reflecting this work?</p>	<p>2) Refer to supplemental spec 02520 - Temporary maintenance of stream flow. Pump around will be paid by pay item C13-43. There is also a pump line item in unlisted work.</p>
68	<p>We apologize if we missed the wage determination among the bid documents. Could you please furnish the wage determination or indicate where that is among the bid documents?</p>	<p>Please download a new copy of the file in vendor registry.</p>
69	<p>For item C13-40 the Above grade Mulch/Wood Fiber Path with CRZ, will the tree protection fence and silt fence be paid under this item or would tree protection and silt fence be billed elsewhere?</p>	<p>This line item is considered and paid on its own</p>
70	<p>Regarding item C13-40, could the county provide the desired width of the mulch path to allow the contractors to accurately quantify the required 4x4 timbers and 18" Spikes?</p>	<p>Path will vary per task order.</p>
71	<p>Due to the complexity of subcontractors required to complete this unit price contract. Could we request an extension on the Due date of the bid?</p>	<p>Please see Section 1 of addendum 2.</p>
72	<p>How is survey, stakeouts, and as built to be handled in this contract?</p>	<p>Refer to DES Standard Spec Section 1720 for as-built. Stake out and survey during construction is responsibility of the contractor. Also refer to Special conditions # 3</p>
73	<p>Regarding Item C13-12, How long/wide should the check dams be estimated for? A 2:1 slope at 3' tall would give a width of 12 feet but how long is this structure?</p>	<p>The required length will vary per task order</p>

No.	Question	Answer
74	Regarding item C13-18, could the county provide the dimensions for the diversion channel that is to be cut to achieve an accurate LF price? The detail provided does not specify exactly what is to be priced for this item.	The required dimension will vary per task order
75	Could the county provide a detail for Item C13-21?	Refer to Virginia Erosion and Sediment Control Handbook (VESCHB) standard spec 3.17
76	Regarding Item C13-41, the detail says 2' min but says "see plans" how should the contractor quantify this item without knowing the plans or the size of the tree?	This solicitation is for an on call contract. Construction documents would be provided with each task order
77	Regarding Item C13-42, is this a duplicate of item C13-2?	C13-42 is deleted.
78	Regarding Item C13-43 again, how is the contractor to bid this item and quantify the required pumps, sandbags, dam barriers etc... without know what size stream, duration of the construction, flow rate of stream, or location of stream?	This solicitation is for an on call contract. Construction documents would be provided with each task order
79	Regarding Item C1-12, Soil Cement or "Hydraulic Cement Stabilization" does not apply to stream restoration. Is this item supposed to be here?	The line item is not an every day Stream restoration work but we could not rule out the possibility of incidents that might require it. Therefore, contractor is required to provide a price.
80	Regarding Item C1-12, If Hydraulic Cement Stabilization is indeed required. Can the county provide the percentages the cement needs to be mixed into the soil?	Look into the spec section cited in the master ID column. The specification section should have answers or references to where you could find one
81	Regarding Item C1-12, this item is normally quoted by SY surface area. How is the contractor to quantify the CY of cement needed to treat the soil without knowing the soil reports or the required soil cement percentage to achieve the desired compaction or strength?	Look into the spec section cited in the master ID column. The specification section should have answers or references to where you could find one
82	Can C1-12 be removed from this bid?	NO
83	Considering this is a stream contract, can all line striping be removed from this bid?	It is not clear as to what is referred by line striping
84	Are the items C17-1 to C17-9 to purchase the MATL or purchase and install?	Those line items should be for purchase, delivery and installation in-place
85	Can the county clarify for items C17-5 to C17-8 that the logs are to be sourced or are they to be salvaged on site?	Line items C17-5 to C17-8 are for situations when logs are available within the stream being restored and within a mile of the construction site. When such logs are available within the limits described above and are approved for use by the project officer, the contractor can transport them to the site where they need to be installed and use them.
86	How often does the county expect sewer/water main work to be used on this contract?	Sewer relocation work is routinely encountered in the County's streams. Watermain are not as frequent but we anticipate a few.
87	Regarding Item C15-18, would this be a trench roller or a jumping Jack?	Contractor may use a trench compacter that satisfies the compaction requirements per Arlington county and VDOT specifications.
88	Regarding Item C15-19, could the county define or supply an example of the Pavement Breaker they are desiring for this line item?	Any concrete breaker for medium to heavy concrete demolition will do.
89	Could the county specify how large of tapping machine the county is requiring for item C15-29	Consider 2- 8 inch tapping machines
90	Regarding item C15-49, is there a max size for this pipe?	The line item is meant to get a fixed pipe price for all rigid pipes greater than 10 inches. Consider all sizes available in the market.
91	Regarding Item C19-09, can the county provide the spec of stream bed MATL they desire?	Look at supplemental spec 02215.
92	Regarding Item C19-21, 22, 23, 24 log bundles, could the county provide a detail for these logs?	Look at supplemental specs 02216. Available details are provided as attachment D
93	Is there a detail for the streambank toe branch for items 19-25, 26?	Look at supplemental specs 02216. Available details are provided as attachment D
94	Regarding item C19-39, could the county clarify how long the log vanes would be?	The length of the log vanes is going to vary per task order.
95	Regarding item C19-41, are the root wads to be sourced on site or imported?	Root wads could be imported or used from on site source when available.
96	C11-41 Install Plants provided by others a. Please provide more information regarding the plant size and planting site conditions expected	The size of plants to be provided by county can be capped at 1 gallon. Contractor shall prepare the planting site in accordance with DES Spec sections for "exterior improvements sections 311300 - 321300)
97	C11-42 Pick Up County Supplied Plants at Nursery for Planting a. Please provide more information regarding the plant sizes, quantities per trip and approximate travel distances expected between the pickup and drop off locations	The pick up is going to be from our County nursery which is located near Barcroft community center - Barcroft park
98	C11-43 Goose Fence Protection (installation) a. Are specifications available?	A goose fence detail is provided as an attachment to Addendum 2.
99	C11-44 Goose Fence Protection (Annual Maintenance) matting a. Please specify the "matting" required to complete this task. Or, is this a typo?	The word matting has been removed
100	C11-50 Soil Profile Rebuilding a. Are specifications available?	Please reference the specifications provided in the master ID column for all price list items. DES standard spec section 329100 should have descriptions

No.	Question	Answer
101	C11-100 Vegetation Clearing (Maintenance Only) a. Please clarify the intent and scope of work for "maintenance only" vegetation clearing	Please refer to supplemental spec section 0329500
102	Does the county have any projects in the pipeline ready to be issued for this contract?	There might be a task order this year. WE are by no meant guaranteeing that
103	Can the county provide a sample task order?	Not at this time
104	Regarding items C4-1 to C4-8, how big/tall should the base manholes be quoted? We see there is a VF for additional feet but the detail only states "Varies" for how tall/big the base manhole should be.	The vertical foot addition is for all height above 8 feet deep. If in a certain task order a 12 feet manhole is required. There will be a base pay for 8 feet deep and then a payment with the VF line item for the 4 extra feet
105	Regarding item C4-1, does the county anticipate 150 Manholes to be quoted or is this an error in the QTY and should be 15 like the others?	The quantity has been changed to 15.
106	Regarding item C4-9, can this item be precast?	The details cited should specify whether it is cast in place or precast.
107	Regarding Item C4-1 to C4-8, are these items to be built out of blocks or are precast acceptable?	Refer to the details cited in the line items
108	Regarding Item C4-13, the VFPT Road and Bridge Standards does not specify the size, could the county specify size of manhole for this item?	VDOT MH-2 is for standard 4 feet diameter manhole
109	For items CB-2, CB-2A, CB-4, will precast be acceptable over block?	Yes.
110	To simplify, Regarding any inlets in the C4 section. Are precast inlets acceptable over constructing them out of brick/mortar per Arlington County details?	Yes.
111	Regarding item C4-54, could the county specify what size manhole frame and cover they would like priced?	The storm manhole frame and cover should be based on standard details D-1.13 and D-3.6
112	Regarding item C4-55, could the county specify what size basin structure top they would like priced?	The storm manhole frame and cover should be based on standard details D-1.13 and D-3.6
113	Regarding item C4-56, could the county specify what size structure top they would like priced?	The storm manhole frame and cover should be based on standard details D-1.13 and D-3.6
114	Regarding item C4-60, could the county provide what size the manholes would be that need to be replaced?	Man hole size varies but the work for this line item is expected to cover removing a catch basin head, extending the manhole up to the surface and finishing with a manhole cover.
115	Regarding item C4-61, could the county provide a detail of the catch basin/depth?	The work for this line item is expected to involve removing grate inlet and replacing it by catch basin centered on existing manhole. No depth measurement.
116	Regarding item C4-62, could the county provide a detail or sample project of a partial wall repair so the contractor can accurately quote this item?	Refer to the DES standard cpe section 02550 for detail on type of repair.
117	Regarding Item C4-72, would the county want flowable fill for abandonment or just a simple plug?	Refer to the DES standard cpe section 02505 for detail how storm structures are abandoned.
118	Regarding Items C4-151, C4-153, C4-155, C4-157 is there a max depth?	15 feet is the maximum depth
119	Regarding Items C4-159, C4-161, C4-163, C4-165, C4-167, C4-169, C4-171, C4-173, C4-175, C4-177, C4-179, is there a max depth?	15 feet is the maximum depth
120	Regarding items C4-180 to C4-240, are there a max depth for the items deeper than 6 and 10 feet?	15 feet is the maximum depth
121	Regarding RCP pipe in items C4-73 to C4-157, does the county desire a bedding of stone or stone bedding to spring line (Stone halfway up pipe) or total stone encasement?	Refer to the DES standard spec section 02505 and 2550 for detail on how storm structures are abandoned.
122	Regarding HDPE pipe in items C4-158 to C4-179, does the county desire a bedding of stone or stone bedding to spring line (Stone halfway up pipe) or total stone encasement?	Refer to the DES standard spec section 02505 and 2550 for detail on how storm structures are abandoned.
123	Regarding DIP pipe in items C4-180 to C4-213, does the county desire a bedding of stone or stone bedding to spring line (Stone halfway up pipe) or total stone encasement?	Refer to the DES standard spec section 02505 and 2550 for detail on how storm structures are abandoned.
124	Regarding PVC/Polypropylene pipe in items C4-214 to C4-240, does the county desire a bedding of stone or stone bedding to spring line (Stone halfway up pipe) or total stone encasement?	Refer to the DES standard spec section 02505 and 2550 for detail on how storm structures are abandoned.
125	Regarding items C4-260 to C4-268, is the contractor responsible for creating shop drawings of the cast in place wing wall per wing?	VDOT road and bridge standards can be used for this purpose - shop drawings are required to be submitted. If a design in a task order requires a special design - contractor shall produce the shop drawings.
126	How would unsuitable soils be handled in this contract if unsuitable soils are encountered under headwalls or other structures?	Refer to the DES standard spec section 02500 - measurement and payment 4.4
127	Regarding items of C4-327 to C4-332 can this item be measured in CY rather than VF?	Junction boxes per standard cited are paid in VF
128	Regarding Items C4-321 to C4-326, can this item be measured in EA rather than VF?	Junction boxes per standard cited are paid in VF
129	How are contaminated soils to be handled under this contract?	Contaminated soil is not anticipated related to work under this contract.

No.	Question	Answer
130	Regarding item C4-352, Can the county clarify the max size pipe the contractor would be abandoning?	Maximum pipe size is 72 inches.
131	On the revised EXCEL price sheet provided 2/26/24, could the county confirm that no items were added or subtracted and the QTYs stayed the same, only that items were moved to "Optional"?	Attachment A: Revised Pricing sheet is deleted in its entirety and replaced with Attachment A: Revised Pricing Sheet v2. Bidders must use the pricing sheet attached to Addendum 2 to provide bid pricing. The County can confirm that line items were revised in the updated pricing sheet in accordance with questions that were submitted.
132	Can the county clarify if the "optional" items are indeed optional? Considering the description calls for the items to be completed if the contractor wishes to be considered responsive and being responsive is required to be a qualified bidder.	Section containing optional items are not considered to be regularly used in stream restoration projects. However, there might be seldom conditions that would require their use. Therefore, contractor shall provide pricing for all line items however they will not be considered in the evaluation of total bid price for award.
133	Regarding Items C4-340 and C4-341, is there a max height for these structures or a size in which these should be quoted? Kind of difficult to quote an unknown size/height.	Size varies - consider up to 10 feet
134	Regarding Item C4-343, how wide of a median should the contractor account for?	Size varies by task order consider a maximum of 10 feet
135	Regarding Item C4-345, could the county provide what pipe sized end wall should the contractor quote for this item?	As shown in the VDOT detail cited the sizes are 4 and 6" underdrains
136	Regarding item C4-339, Is this measure of unit correct? Precast structure should be EA?	Yes
137	Regarding Item C4-338, this unit of measure is fair and consistent to quote, could all other cast in place items be measured in CY rather than EA or VF?	The unit for this line item should remain as is
138	Regarding Item C19-09, can the county provide a specification or detail of riffle mix?	Look at supplemental spec section 02215