Below are the vendor questions and responses for ARC's RFP 828 - Interactive Web Mapping and Dashboard Application Development. Responses are organized into categories to facilitate review, categories and question count are as follows:

CATEGORY	QUESTIONS
CONTRACT & BUDGET, ACCESSIBILITY	15
CONTRACT & BUDGET, DBE	16
CONTRACT & BUDGET, EXHIBIT B	19
CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	7
CONTRACT & BUDGET, EXHIBIT D (SAMPLE CONTRACT)	3
CONTRACT & BUDGET, INSURANCE	12
CONTRACT & BUDGET, NON-US	18
CONTRACT & BUDGET, PAYMENT	4
CONTRACT & BUDGET, REMOTE WORK	3
CONTRACT & BUDGET, SCOPE	39
CONTRACT & BUDGET, VENDOR APPROVAL	3
DELIVERABLES, DATA NEXUS	79
DELIVERABLES, HOUSING DASHBOARD	11
DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	23
DELIVERABLES, COMPLETENESS	3
DELIVERABLES, EXAMPLES	2
DELIVERABLES, FUTURE	7
DELIVERABLES, OWNERSHIP	9
DELIVERABLES, TIMELINE	4
DELIVERABLES, TRAINING	2
PROPOSAL FORMAT	7
INTERVIEWS	5
QUALIFICATIONS & REFERENCES	24
AI/MCP	7
DATA SOURCES	9
HOSTING	27
PLATFORM/IT	10
PLATFORM/IT - ESRI/AGO	28
PLATFORM/IT - ESRI/AGO	3
PLATFORM/IT - SECURITY	2
UPDATES	2
USERS	5
TOTAL	**408**

RFP828 – Interactive Web Mapping and Dashboard Application Development
Vendor Questions and Responses

NUMBER	CATEGORY	QUESTION	RESPONSE
1	CONTRACT & BUDGET, ACCESSIBILITY	What specific accessibility standard should the applications meet (for example, WCAG 2.1 AA, Section 508, or another ARC-required standard)?	WCAG 2.1 AA is the requirement for 2027.
2	CONTRACT & BUDGET, ACCESSIBILITY	What accessibility standard should respondents assume, for example WCAG 2.1 Level AA or WCAG 2.2 Level AA, and what automated, keyboard, screen-reader, and map-specific accessibility testing or documentation will ARC require before acceptance?	WCAG 2.1 AA is the requirement for 2027.
3	CONTRACT & BUDGET, ACCESSIBILITY	Accessibility and AI/MCP: Which accessibility standard should the applications meet (e.g., WCAG 2.1 AA vs. 2.2 AA)? For the preferred AI/MCP feature, may proposers price it as a separate optional item, and does ARC have a preferred or approved AI provider or data-use policy?	WCAG 2.1 AA is the requirement for 2027. Proposers may price AI/MCP as a separate optional item. There are no approved providers; however, AI features including the LLM will be subject to a risk assessment. ARC policies related to the use of external AI model providers will be provided to the winning vendor.
4	CONTRACT & BUDGET, ACCESSIBILITY	Should the applications meet a specific accessibility standard, such as WCAG 2.1 Level AA, consistent with the ADA Title II web accessibility rule? Is conformance testing documentation expected as a deliverable?	WCAG 2.1 AA is the requirement for 2027.
5	CONTRACT & BUDGET, ACCESSIBILITY	What accessibility/WCAG or ADA conformance target, security and hosting-jurisdiction requirements, performance/concurrency targets, availability, backup/recovery objectives and support-response times will be used for acceptance and the 12-month hosting period?	WCAG 2.1 AA is the requirement for 2027. Security and hosting, performance/concurrency targets, availability, backup/recovery objectives and support-response times will be negotiated with the winning vendor.
6	CONTRACT & BUDGET, ACCESSIBILITY	Which accessibility and security standards apply, and what evidence will ARC require to demonstrate compliance? Please describe ARC's user acceptance testing responsibilities, review turnaround expectations and final acceptance process.	WCAG 2.1 AA is the requirement for 2027. User acceptance testing will be negotiated with the winning vendor.

7	CONTRACT & BUDGET, ACCESSIBILITY	Performance and accessibility: Are there target response times, anticipated concurrent-user levels, and a specific WCAG conformance level for acceptance?	Target response times and concurrent user levels will be negotiated with the winning vendor. The site must comply with WCAG 2.1 AA.
8	CONTRACT & BUDGET, ACCESSIBILITY	Is there a required accessibility standard (e.g., WCAG 2.1 AA, Section 508)?	WCAG 2.1 AA is the requirement for 2027.
9	CONTRACT & BUDGET, ACCESSIBILITY	Branding and accessibility. Does ARC have a brand or design style guide for these apps? Which accessibility standard applies (WCAG 2.1 AA, WCAG 2.2, Section 508)?	ARC will supply a brand and style guide. WCAG 2.1 AA is the requirement for 2027.
10	CONTRACT & BUDGET, ACCESSIBILITY	Accessibility standard — What accessibility conformance is required for these public-facing applications — WCAG 2.1 AA, Section 508, or ADA Title II — and is a VPAT or accessibility test report expected as a deliverable?	WCAG 2.1 AA is the requirement for 2027.
11	CONTRACT & BUDGET, ACCESSIBILITY	Accessibility standard. Which accessibility standard should the applications meet: WCAG 2.1 AA, WCAG 2.2 AA, or Section 508?	WCAG 2.1 AA is the requirement for 2027.
12	CONTRACT & BUDGET, ACCESSIBILITY	What accessibility standard and SSO requirements apply to the admin interface (for example, WCAG 2.1 AA, Entra ID with Conditional Access)?	WCAG 2.1 AA is the requirement for 2027. SSO via Entra ID IdP with Conditional Access is required for the admin interface.
13	CONTRACT & BUDGET, ACCESSIBILITY	Deadline and acceptance criteria: Please confirm whether October 26, 2026, 5 PM stated as EST means Eastern local time on that date, and identify governing accessibility and performance acceptance standards.	All times listed are in Eastern Time (ET), observing daylight saving time if applicable. WCAG 2.1 AA is the accessibility requirement for 2027.
14	CONTRACT & BUDGET, ACCESSIBILITY	What accessibility standard must the applications meet (for example, WCAG 2.1 AA or Section 508)?	WCAG 2.1 AA is the requirement for 2027.
15	CONTRACT & BUDGET, ACCESSIBILITY	Accessibility. Should the applications meet WCAG 2.1 Level AA?	WCAG 2.1 AA is the requirement for 2027.

16	CONTRACT & BUDGET, DBE	DBE Utilization Plan. Section 31 of the sample agreement (Exhibit D) refers to a "DBE Utilization Plan submitted to ARC as part of its proposal". The RFP does not list a DBE plan among the required proposal documents. Please confirm whether a DBE Utilization Plan or any other form beyond Exhibits B and C must be included with the proposal, and provide the form if so.	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
17	CONTRACT & BUDGET, DBE	DBE goal. The sample contract references ARC's DBE plan and a DBE utilization plan. Is there a DBE goal for this solicitation, and must a DBE utilization plan be submitted with the proposal?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
18	CONTRACT & BUDGET, DBE	Section 31 of the sample agreement says the Consultant "further agrees to comply with the DBE Utilization Plan submitted to ARC as part of its proposal." Must a DBE Utilization Plan be submitted with the proposal for RFP828, and if so, what DBE participation goal applies to this contract?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
19	CONTRACT & BUDGET, DBE	Is this contract federally funded, and does ARC require any DBE or other small/ disadvantaged business participation plan with the proposal?	Yes, this contract is federally funded; however, a DBE participation goal is not required for this solicitation.
20	CONTRACT & BUDGET, DBE	Do any DBE participation goals apply to this procurement under 49 CFR Part 26, or is the DBE Utilization Plan (referenced in Contract Section 31) a good-faith-efforts plan without a numerical goal?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
21	CONTRACT & BUDGET, DBE	Does a Disadvantaged Business Enterprise (DBE) goal apply to this contract under 49 CFR Part 26? If so, what is the goal, and must a DBE Utilization Plan be submitted with the proposal?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.

22	CONTRACT & BUDGET, DBE	DBE Utilization Plan. The RFP and sample contract refer to a DBE Utilization Plan submitted with the proposal, but no form is included in the package. Is a DBE Utilization Plan required at proposal submission, and if so, which form should be used, including by a prime consultant that will self-perform all work?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
23	CONTRACT & BUDGET, DBE	Is there a DBE participation goal for this contract, and is a DBE Utilization Plan required with the proposal?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
24	CONTRACT & BUDGET, DBE	Will this contract be federally funded (Exhibit D references U.S. DOT)? If so, is there a DBE participation goal, and is a DBE Utilization Plan required with the proposal?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
25	CONTRACT & BUDGET, DBE	Federal funding: section 31 of the sample agreement refers to the ARC DBE Plan and a DBE Utilization Plan "submitted to ARC as part of its proposal." Is there a DBE participation goal for this contract, and must a DBE Utilization Plan be included with the proposal from a prime that uses no subcontractors?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
26	CONTRACT & BUDGET, DBE	Federal funding and DBE. The sample agreement references a U.S. DOT grant, a DBE utilization plan and 2 CFR 200. Is this contract federally funded? If so, is there a DBE participation goal, and what must a proposer submit with its response?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
27	CONTRACT & BUDGET, DBE	DBE / federal funding — Is this contract federally funded (for example, U.S. DOT / FHWA)? If so, is a Disadvantaged Business Enterprise (DBE) Utilization Plan or DBE goal required with the proposal, and what are the specific submission requirements? (We ask because DBE certification is distinct from a state MBE certification.)	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
28	CONTRACT & BUDGET, DBE	Q2: Is there a DBE participation goal for this RFP, and if so, what percentage?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.

29	CONTRACT & BUDGET, DBE	DBE and interviews. Does this federally funded contract carry a DBE participation goal? And may shortlisted firms take part in the week-of-16-November interviews virtually?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation. Interviews will be conducted remotely using MS Teams (preferred) or Zoom.
30	CONTRACT & BUDGET, DBE	Is a DBE Utilization Plan required with the proposal for RFP828, and is there a contract goal?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
31	CONTRACT & BUDGET, DBE	Exhibit D mentions USDOT funding and a DBE Utilization Plan submitted with the proposal. Is there a DBE goal for RFP828, and must a DBE Utilization Plan be included with the proposal? If so, where can we find the form?	This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
32	CONTRACT & BUDGET, EXHIBIT B	Exhibit B (Budget Estimate). Exhibit B is structured as "Data Purchase Fee", "Overhead", "Other Direct Costs" and "Profit". For this software development and hosting contract, may respondents adapt the categories (e.g., add rows for development by application, 12-month hosting, training, optional maintenance), or should development labor be shown under category 1? Please also confirm whether the $50,000 maximum includes the 12 months of hosting and any third-party data or software licensing costs.	Yes, the 50,000 maximum budget does include hosting and any third-party licensing costs through 12/31/27. Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
33	CONTRACT & BUDGET, EXHIBIT B	Exhibit B labels the principal cost category as 'Data Purchase Fee.' Should respondents report software-development labor and implementation services in that category, or may respondents supplement Exhibit B with a phase- or labor-category breakdown showing development, data preparation, hosting, direct costs, overhead, and profit?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
34	CONTRACT & BUDGET, EXHIBIT B	Exhibit B budget format. Exhibit B is titled “Data Purchase Fee” and item 2 has no heading. Should respondents substitute labor, hosting and other direct cost categories, and what is item 2 intended to capture?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.

35	CONTRACT & BUDGET, EXHIBIT B	Exhibit B is titled with "Data Purchase Fee / Phase Budget" wording that appears carried over from a data-purchase template. For this services engagement, how should the Exhibit B budget form be completed - what should be entered in the "Data Purchase Fee" fields?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
36	CONTRACT & BUDGET, EXHIBIT B	Exhibit B is structured around a data purchase fee. May respondents add line items for application development, platform or software licensing, and 12 months of hosting? Should each of the three applications be priced separately?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
37	CONTRACT & BUDGET, EXHIBIT B	How should application-development labor, software and data licenses, recurring hosting and maintenance, overhead and profit be mapped to Exhibit B, which includes a Data Purchase Fee category? Please clarify the expected treatment of recurring costs and separately priced phases in that template.	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
38	CONTRACT & BUDGET, EXHIBIT B	Exhibit B labels the primary cost as a Data Purchase Fee. Should application-development labor, licensing and 12 months of hosting be itemized within that fee, or shown separately in Other Direct Costs? Please confirm whether the $50,000 maximum includes all three applications, hosting and required data purchases.	Yes, the 50,000 maximum budget does include all three applications, hosting through 12/31/27, and required data purchases. Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
39	CONTRACT & BUDGET, EXHIBIT B	Exhibit B is labelled Data Purchase Fee and includes overhead and profit fields, although Exhibit A requires software development and hosting. Please specify how development labour, data preparation, hosting, licences and support should be mapped into that form, whether the resulting award is fixed-fee or cost-reimbursable, and the intended acceptance/payment milestones. Does the $50,000 maximum include any applicable taxes and third-party fees? Please also identify the applicable insurance limits and when evidence is required; the	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP. Payment schedule and milestones will be negotiated with the winning vendor. The $50,000 maximum budget does include any applicable taxes and third-party fees. Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.

		reference Agreement lists coverage types without numeric limits.	
40	CONTRACT & BUDGET, EXHIBIT B	Exhibit B: Should implementation labor be entered under the form's Data Purchase Fee field, or will ARC provide a revised development-services budget template?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
41	CONTRACT & BUDGET, EXHIBIT B	Exhibit B is laid out as a “Data Purchase Fee.” May proposers adapt it to show development, hosting and maintenance as separate line items?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
42	CONTRACT & BUDGET, EXHIBIT B	Exhibit B is structured as a "Data Purchase Fee," and proposal item 6 requests a "proposed purchase fee." For this development and hosting engagement, may respondents adapt Exhibit B to show line items for design, development (per application), hosting, training, and maintenance? If not, how should these costs be reported?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
43	CONTRACT & BUDGET, EXHIBIT B	Exhibit B: the form is laid out as a data purchase fee plus overhead and profit. For a fixed-price development and hosting contract, may we enter labor at fully loaded hourly rates as the fee (with overhead and profit at zero), or should overhead and profit be shown separately?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
44	CONTRACT & BUDGET, EXHIBIT B	Indirect cost rate versus fixed fee — Exhibit B requests Fee, Overhead rate, Other Direct Costs, and Profit. For a small firm without an approved or provisional indirect (NICRA) rate, and given the federal funding, may the respondent propose a fixed or lump-sum fee (or a self-	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.

		declared overhead rate), or is an established or audited indirect cost rate required?	
45	CONTRACT & BUDGET, EXHIBIT B	Exhibit B format. Exhibit 8 is laid out far a "Data Purchase Fee." Far a development-and-hosting engagement, may proposers adapt the categories {far example, labor by deliverable, hosting, and other direct costs) while keeping the overhead and profit lines?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
46	CONTRACT & BUDGET, EXHIBIT B	Exhibit B budget: Please clarify how development, hosting and professional-services costs should map to Exhibit B, including the line labeled Data Purchase Fee.	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
47	CONTRACT & BUDGET, EXHIBIT B	Exhibit B is set up as a “Data Purchase Fee” with overhead and profit, and its numbering skips section 2. For development and hosting services, should proposers change it to show labor categories, hours, and rates, with hosting and licensing listed as Other Direct Costs? Will ARC issue a corrected Exhibit B?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
48	CONTRACT & BUDGET, EXHIBIT B	Exhibit B is structured around a Data Purchase Fee. Should development labor, hosting, and maintenance be shown as separate line items, and does the $50,000 maximum include the 12 months of hosting?	Yes, the 50,000 maximum budget does include hosting through 12/31/27. Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
49	CONTRACT & BUDGET, EXHIBIT B	Should Exhibit B show a separate price for each of the three applications so ARC can award part of the work?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
50	CONTRACT & BUDGET, EXHIBIT B	Exhibit B format. Exhibit B is laid out around a "Data Purchase Fee." For a proposal made up of development labor and hosting, should labor go on line 1, or may we add labor and hosting lines?	Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
51	CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	Notarized affidavit. Must the Georgia E-Verify contractor affidavit (Exhibit C) be notarized at proposal submission,	The E-Verify Contractor Affidavit (Exhibit C) must be completed, signed, and notarized and included with the proposal submission.

		or may the notarized original be provided at contract award?	
52	CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	Must the Georgia E-Verify Contractor Affidavit be notarized and included at proposal submission, or only by the selected consultant before contract execution?	The E-Verify Contractor Affidavit (Exhibit C) must be completed, signed, and notarized and included with the proposal submission.
53	CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	Georgia Security and Immigration Compliance Act affidavit. For a single-member LLC with no employees, does ARC require E-Verify enrollment and an E-Verify company identification number on the Exhibit C affidavit? Or will ARC accept the no-employee exception under O.C.G.A. 13-10-91 (a contractor affidavit plus a copy of an approved state-issued driver's license)?	For purposes of the Georgia E-Verify requirements, a contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor's state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number.
54	CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	Please confirm whether active SAM.gov registration is required at proposal submission or award for this procurement. For a firm without employees, does ARC permit an alternative to the Exhibit C E-Verify affidavit, and what supporting documentation and notarization would be required? This question requests the general rule and does not assert an exemption.	An active SAM.gov registration is required at the time of contract award. For purposes of the Georgia E-Verify requirements, a contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor's state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number.

55	CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	Exhibit C paperwork. Is the notarized Georgia Security and Immigration Compliance Act affidavit (with an E-Verify number) required with the proposal or only at award? Does each sub-consultant file its own? The vendor form asks for a DUNS number; will ARC accept a SAM.gov Unique Entity ID instead?	Yes. All contract forms in Exhibit C must be completed, signed and submitted with the proposal. Only the prime consultant is responsible for completing the forms included in the RFP.
56	CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	Exhibit C. Is Exhibit C the Georgia contractor affidavit for E-Verify under O.C.G.A. 13-10-91? Will ARC accept the exemption affidavit from a firm with no employees? Must an out-of-state firm register with the Georgia Secretary of State before award?	Yes, Exhibit C is the affidavit required under O.C.G.A. 13-20-91. A contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor's state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number. Yes, An out-of-state business must register with the Georgia Secreatry of State before doing government work in Georgia, unless the work fulls unneathe the statutory exemption.
57	CONTRACT & BUDGET, EXHIBIT C (E-VERIFY)	Exhibit C's Contractor Affidavit asks for the E-Verify company identification number. If a respondent's E-Verify enrollment is still being processed on the due date, may the notarized affidavit be provided before contract execution?	Yes. Please provide documentation of the pending enrollment with the proposal. A notarized affidavit must be provided before contract execution.
58	CONTRACT & BUDGET, EXHIBIT D (SAMPLE CONTRACT)	Exhibit D Section 5 notes that if the work is financed with federal funds, subcontractor selection must follow federal competition or sole-source-justification requirements. Is this procurement federally funded, and what selection documentation should the prime maintain for its sub-consultants?	The procurement will be federally funded. For federal procurement, a prime contractor is generally expected to maintain adequate procurement and subcontractor selection records to demonstrate that subcontractors were selected fairly, the selection was properly documented, prices were reasonable, and the subcontract award complied with the

			prime contract and applicable Federal Acquisition Regulation (FAR) requirements.
59	CONTRACT & BUDGET, EXHIBIT D (SAMPLE CONTRACT)	Exhibit D is marked reference only. Clause 26 gives ARC unrestricted use of materials produced, and Clauses 33–34 give ARC, at its option, materials "used in the performance" on termination. May the consultant keep ownership of pre-existing, reusable platform software, licensed to ARC permanently and royalty-free, with ARC owning its data, configuration and ARC-specific deliverables? Would an open-source license for that platform meet ARC's requirements?	Rights and ownership are dependent upon the selected approach. We will consider all options. The ownership model, approach to transitioning the applications and long-term application support are all negotiable and will be contingent upon the proposed application environment. ARC will consider proposals that offer full application source code ownership as well as proposals that license rights to the application without ownership of the underlying source code.
60	CONTRACT & BUDGET, EXHIBIT D (SAMPLE CONTRACT)	Exhibit D is provided as reference only. For a software-as-a-service subscription, will ARC consider modifications to the sample agreement at award, such as a payment schedule suited to annual subscriptions and incorporation of the vendor's service level agreement?	Yes. The payment schedule will be negotiated with the winning vendor.
61	CONTRACT & BUDGET, INSURANCE	Please clarify: (a) the required insurance limits; (b) whether coverage must be demonstrated with the proposal or only before contract execution; (c) whether a sole proprietor with no employees may provide a workers' compensation exemption; (d) what is intended by 'Valuable Papers' coverage; (e) how a sole proprietor with no W-2 employees should complete the Georgia Security and Immigration Compliance Act / E-Verify affidavit; and (f) whether a separate DBE Utilization Plan or DBE participation goal applies to this procurement.	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting. Regarding the GA Security and Immigration Compliance Act/E-Verify affidavit - if a vendor has no employees and is a sole proprietor, pursuant to GA law, the sole proprietor must instead submit a copy of a valid state-issed driver's license or identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any

			time it is no longer a sole proprietorship and must then submit the regular E-Verify affidavit. There is no separate DBE participation goal related to this procurement.
62	CONTRACT & BUDGET, INSURANCE	Do the certificates of insurance need to meet any specific insurer requirements, such as a minimum A.M. Best rating?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.
63	CONTRACT & BUDGET, INSURANCE	Must respondents carry the insurance described in the sample agreement when proposals are submitted, or may the selected consultant obtain required coverage after selection and before contract execution or performance?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.
64	CONTRACT & BUDGET, INSURANCE	The sample contract (Exhibit D, Section 9) lists workers' compensation, public liability, property damage, and valuable papers insurance. Which policies would be required for a solo consultant doing software development remotely? Are there minimum coverage limits or exemptions that would apply?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.

65	CONTRACT & BUDGET, INSURANCE	Please state the minimum insurance limits required, and whether certificates of insurance are needed with the proposal or only at contract execution. Is cyber liability insurance required for hosted applications?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.
66	CONTRACT & BUDGET, INSURANCE	Please identify the required coverage limits for the insurance types listed in the sample agreement and the anticipated invoicing or milestone-payment structure.	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting. Payment structure and milestones will be negotiated with the chosen vendor.
67	CONTRACT & BUDGET, INSURANCE	Are evidence of the required insurance coverages and certificates of insurance required at proposal submission, or may the selected contractor obtain any additional required coverage before contract execution or commencement of services?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.
68	CONTRACT & BUDGET, INSURANCE	Insurance (Exhibit D, section 9): are there minimum limits for public liability, property damage and valuable papers coverage, and is workers' compensation required for a contractor with no employees?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.

69	CONTRACT & BUDGET, INSURANCE	Insurance limits. Section 9 of the sample agreement requires Workers' Compensation, Public Liability, Property Damage and Valuable Papers coverage. Are there minimum limits, and is professional or cyber liability required?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.
70	CONTRACT & BUDGET, INSURANCE	Insurance limits — Exhibit D names Workers' Compensation, Public Liability, Property Damage, and Valuable Papers coverage without stated dollar limits. What minimum limits does ARC require of the awarded consultant, and is any cyber-liability or professional-liability (errors and omissions) coverage required?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.
71	CONTRACT & BUDGET, INSURANCE	Q1: What insurance types and minimum coverage amounts are required for this contract?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.
72	CONTRACT & BUDGET, INSURANCE	What minimum limits apply to the coverage in Exhibit D, section 9 (workers' compensation, public liability, property damage and valuable papers)? Is proof of insurance needed with the proposal or only at contract award?	Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.

73	CONTRACT & BUDGET, NON-US	Exhibit C – execution. The Georgia Security and Immigration Compliance Act Contractor Affidavit contains a notary block. (a) For a respondent located outside the United States, is notarization by a notary public in the respondent's home country acceptable (with or without apostille)? (b) May a scanned copy of the executed affidavit be included in the uploaded proposal PDF, with the original provided upon request or prior to contract execution? (c) Are electronic signatures acceptable on the Debarment/Lobbying certification?	Respondents located out the United States should complete the E-Verify affidavit in a manner consistant with Georgia law and the instructions of the affidavit. Proposers may include scanned copies of the executed E-Verify affidavit in the proposal. Respondents may submit electronically signed certifications with their proposals.
74	CONTRACT & BUDGET, NON-US	Vendor application for a non-U.S. firm. [Prospective vendor] is a limited liability company registered in the Czech Republic; it has no U.S. FEIN and no U.S. mailing address. Please advise how a non-U.S. firm should complete the required vendor application fields (FEIN, IRS Form W-9, U.S. state) – for example, whether the Czech company registration number and IRS Form W-8BEN-E may be provided instead – and confirm that a proposal submitted while the vendor application is under review will be evaluated.	A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes. All contract forms in Exhibit C must be completed and submitted with the proposal.
75	CONTRACT & BUDGET, NON-US	Could ARC share the registration steps for vendors based outside the US, so we complete our vendor application correctly?	Please see this guide to register for a user account and apply to become an approved vendor. https://procurement.atlantaregional.org/user-guide/
76	CONTRACT & BUDGET, NON-US	For vendors without a US FEIN, will ARC accept an IRS W-8BEN-E form with our Canadian Business Number in place of the W-9?	A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes
77	CONTRACT & BUDGET, NON-US	May a company legally established in Bolivia submit a proposal and receive the contract directly as the prime contractor if it has no U.S. office, subsidiary, or locally incorporated entity?	A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes

78	CONTRACT & BUDGET, NON-US	May our team perform development, data integration, deployment, maintenance, support, and staff training remotely from Bolivia? Please identify any activities that must be performed in the United States or by U.S.-based personnel.	A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes
79	CONTRACT & BUDGET, NON-US	For a Bolivian company whose personnel will perform the services entirely outside the United States, is the E-Verify Contractor Affidavit required? If an exemption or alternative declaration is available, what exact documentation and notarization are required, and how should Exhibit C be completed?	A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes. Please see this guide to register for a user account and apply to become an approved vendor. https://procurement.atlantaregional.org/user-guide/
80	CONTRACT & BUDGET, NON-US	What steps must a Bolivian company complete to become an approved ARC vendor? Can the online application accept a Bolivian business address, telephone number, and tax identification number (NIT)? Please explain how to complete any mandatory U.S.-specific fields.	A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes. Please see this guide to register for a user account and apply to become an approved vendor. https://procurement.atlantaregional.org/user-guide/
81	CONTRACT & BUDGET, NON-US	Please provide the checklist of documents required from a foreign company at registration, proposal submission, and contract award. Are Bolivian incorporation, commercial registration, tax registration, and authorized-signatory documents acceptable? Must documents be translated, certified, notarized, or apostilled?	Yes. All documents must be translated, certified, notarized, or apostilled in english. A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes. Please see this guide to register for a user account and apply to become an approved vendor. https://procurement.atlantaregional.org/user-guide/

82	CONTRACT & BUDGET, NON-US	Is a U.S. EIN or other U.S. tax registration required, or may a foreign supplier provide its Bolivian NIT and the applicable IRS foreign-entity tax form? Can ARC pay a Bolivian bank account in U.S. dollars? Please identify any required payment setup or contractual withholding documentation.	For foreign companies participating in ARC solicitations, ARC is allowing the following documentation as an alternative to a U.S. EIN during initial vendor registration: 1. Foreign Business Registration Certificate or Certificate of Incorporation to verify the company's legal existence. 2. Foreign Tax Identification Number (FTIN) issued by its home country's tax authority. 3. Completed IRS Form W-8BEN-E, when applicable, to establish foreign tax status. 4. Professional or Business License, when required for the services being procured. 5. Certificate of Good Standing or equivalent, when available and appropriate. An EIN may still be required depending on the company's U.S. tax obligations, business activities, or payment arrangements. A W-8BEN-E does not automatically replace an EIN when U.S. law requires one.
83	CONTRACT & BUDGET, NON-US	Are Georgia business registration, a U.S. business license, SAM.gov registration, or a Unique Entity ID required for this contract? What insurance types, minimum limits, and territorial coverage must a foreign contractor maintain, and are policies from non-U.S. insurers acceptable?	Under Georgia law, a corporation, LLC, or other covered foreign entity may need to obtain a Certificate of Authority from the Georgia Secretary of State before transacting business in Georgia. Each proposer shall have and maintain insurance coverage that complies with the laws of the State of Georgia and with prudent business practices. ARC will discuss all specific insurance requirements with the selected vendor during contracting. The insurance provisions in the sample contract are provided for reference and are subject to finalization at the time of contracting.

84	CONTRACT & BUDGET, NON-US	Must hosting, backups, and data storage remain in the United States? May authorized developers in Bolivia access project datasets and development or production environments? Please specify any applicable geographic, funding-related, security, or data-access restrictions.	Yes, The Contractor shall ensure that all data, information, records, and materials collected, received, generated, processed, or maintained in connection with this Contract are hosted, stored, processed, and backed up exclusively within the United States and its territories. All primary data storage environments, backup systems, disaster recovery environments, cloud hosting infrastructure, and associated data centers utilized in connection with this Contract shall be physically located within the United States. The Contractor shall not transfer, store, host, process, or permit access to ARC data from outside the United States without the prior written approval of the Atlanta Regional Commission (ARC). The Contractor shall ensure that all subcontractors, cloud service providers, hosting providers, and other third-party service providers supporting the Contract comply with these requirements. The Contractor shall remain responsible for ensuring compliance throughout the Contract period.
85	CONTRACT & BUDGET, NON-US	Will comparable projects and client references from Bolivia or other countries be accepted? May a foreign prime contractor engage specialist subcontractors in Bolivia, the United States, or other countries, subject to ARC approval?	Department shall determine what is acceptable as comparable projects during the evaluation phase. Client reference shall be for projects of similar scope, size, complexity and nature of service outlined in the solicitation. References from governmental agencies and similar public-sector organizations are preferred but not required.
86	CONTRACT & BUDGET, NON-US	If [prospective vendor] satisfies the technical and administrative requirements, can it participate and be awarded RFP828 on the same evaluation basis as a U.S.-based firm? Please identify any remaining restrictions, required U.S. partner arrangements, or additional steps needed to make our application complete and eligible.	Yes, If [prospective vendor] satisfies the technical and administrative requirements, it participate and be awarded RFP828 on the same evaluation basis as a U.S.-based firm. A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes. Please see this guide to

			register for a user account and apply to become an approved vendor. https://procurement.atlantaregional.org/user-guide/
87	CONTRACT & BUDGET, NON-US	The RFP does not address where consultant personnel must be located. Will ARC accept offshore resources (personnel located outside the United States) for development, testing and data preparation, with U.S.-based project management and ARC-facing roles? If so, are there restrictions on offshore staff accessing ARC systems, data or the hosting environment, or on where ARC data may be stored?	All data, information, records, and materials collected, received, generated, processed, or maintained in connection with this Contract shall be hosted, stored, processed, and backed up exclusively within the United States and its territories. A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes. Please see this guide to register for a user account and apply to become an approved vendor. https://procurement.atlantaregional.org/user-guide/
88	CONTRACT & BUDGET, NON-US	Our firm is a single-member LLC whose sole member works remotely and has no employees in the United States. Could you please confirm whether, for the Georgia Security and Immigration Compliance Act affidavit (Exhibit C), a contractor with no employees may submit the exemption affidavit (with a secure and verifiable document) instead of an E-Verify Company ID.	A contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor's state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number.

89	CONTRACT & BUDGET, NON-US	May a UK-registered company submit as prime contractor and perform the technical work remotely while hosting the applications in the United States? The online vendor application requires a US Federal Employer Identification Number (FEIN), an IRS Form W-9 and US-style state fields. What is the correct registration and tax-documentation route for a UK legal entity (for example, whether an appropriate W-8BEN-E or other alternative is accepted)? Please clarify any applicable Georgia contractor affidavit/E-Verify and insurance obligations for an overseas prime bidder.	Yes, as long as all data, information, records, and materials collected, received, generated, processed, or maintained in connection with this Contract shall be hosted, stored, processed, and backed up exclusively within the United States and its territories. A non-US based business may submit a proposal even if they do not participate in a Federal Work Authorization Program. However, if a business physically hires employees in the United States, have a designated US location, or fall under specific federal contractor regulations, a Georgia Security And Immigration Compliance Act Contractor Affidavit is required. A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes
90	CONTRACT & BUDGET, NON-US	Does ARC permit offshore development resources or subcontractors to perform project activities remotely, subject to applicable security and contractual requirements?	Yes. A non-US based business may submit a proposal if they are able to provide valid government documentation (i.e. W-8BEN-E, W-8EXP, etc.) for tax purposes. Please see this guide to register for a user account and apply to become an approved vendor. https://procurement.atlantaregional.org/user-guide/
91	CONTRACT & BUDGET, PAYMENT	Which payment methods does ARC use for vendor invoices, such as ACH or wire transfer?	ACH is preferred.
92	CONTRACT & BUDGET, PAYMENT	Would ARC consider milestone-based payments tied to approved deliverables, rather than payment only upon final project completion?	Payment schedule will be negotiated with the winning vendor.
93	CONTRACT & BUDGET, PAYMENT	Invoicing: will ARC accept monthly invoices in arrears for work completed, with a progress report attached, rather than payment only on acceptance of each deliverable? Is any retainage withheld from the prime consultant?	The payment schedule will be negotiated with the winning vendor.
94	CONTRACT & BUDGET, PAYMENT	Payment terms. Is the contract fixed price with milestone payments? Is there a payment schedule or retainage on deliverables?	The payment schedule will be negotiated with the winning vendor.

95	CONTRACT & BUDGET, REMOTE WORK	May all development, project meetings, demonstrations, training, and technical support be performed remotely, without routine onsite presence in the Atlanta region?	Yes all meetings, demonstrations, training and technical support may be conducted in-person or remotely using either Teams or Zoom (Teams is preferred).
96	CONTRACT & BUDGET, REMOTE WORK	Can all interviews, project meetings, demonstrations, and training sessions be conducted by videoconference? If attendance in Atlanta or a local representative is required, please specify the expected frequency and responsibilities.	Yes all meetings, demonstrations, training and technical support may be conducted in-person or remotely using either Teams or Zoom (Teams is preferred).
97	CONTRACT & BUDGET, REMOTE WORK	Whether development, hosting and staff training may be performed remotely, with meetings held by videoconference.	Yes all meetings, demonstrations, training and technical support may be conducted in-person or remotely using either Teams or Zoom (Teams is preferred).
98	CONTRACT & BUDGET, SCOPE	Please confirm whether the stated $50,000 maximum is intended to cover all three web applications, implementation, training/documentation, and the required 12 months of hosting.	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
99	CONTRACT & BUDGET, SCOPE	Budget and partial proposals. Does the $50,000 maximum cover development of all three applications plus the 12 months of hosting, or development only? Since ARC may award all or part of the funds, may a respondent propose on one or two of the three applications?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). ARC is looking for a single vendor to complete all three of the applications.
100	CONTRACT & BUDGET, SCOPE	Does the anticipated maximum budget of $50,000 encompass the full development, deployment, hosting, and maintenance of all three applications? Would ARC consider proposals that prioritize mandatory functionality within this budget and identify additional features for optional future development?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). All features and deliverables in Exhibit A are mandatory. A phased approach within the 12-month contract is acceptable.
101	CONTRACT & BUDGET, SCOPE	Budget scope. Does the $50,000 maximum cover development of all three applications plus 12 months of hosting? ARC also asks for annual costs for data updates and maintenance after the first year. Should those be shown separately and excluded from the $50,000?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Estimated future costs for updates and maintenance outside the contract period are not included in the $50,000.

102	CONTRACT & BUDGET, SCOPE	Please confirm whether the stated $50,000 maximum is intended to cover complete development and deployment of all three applications, including 12 months of hosting. Because the Economic Mobility Dashboard concept and content remain under consideration, may that dashboard be treated as an optional or later phase, or should respondents include a fully functional Economic Mobility Dashboard within the base $50,000 proposal?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). While the exact scope of the Economic Mobility dashboard is not fully determined yet it should be similar in design and function to the Housing dashboard. The Economic Mobility dashboard is not optional.
103	CONTRACT & BUDGET, SCOPE	Funding ceiling and partial award. Is $50,000 the all-inclusive ceiling for all three applications plus 12 months of hosting? If a full build of all three exceeds it, will ARC consider awarding a subset of the applications or a phased scope?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
104	CONTRACT & BUDGET, SCOPE	Will ARC consider proposals that address a subset of the three applications, or that phase the work with later phases funded separately? Are ongoing hosting and annual maintenance costs beyond the 12-month hosting period expected to fall outside the $50,000 maximum?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Estimated future costs for updates and maintenance outside the contract period are not included in the $50,000.
105	CONTRACT & BUDGET, SCOPE	Budget allocation: Does the $50,000 maximum cover all three applications, including 12 months of hosting? Is ARC open to a phased award (e.g., DataNexus replacement first, with the Economic Mobility Dashboard as an option) if the full scope can't be delivered within $50,000? Also, Exhibit B is titled "Data Purchase Fee." Should development labor, hosting, and licensing be itemized as Other Direct Costs, or may consultants restructure the Exhibit B line items?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). The Economic Mobility dashboard is not optional. Please replace the Exhibit B form with the corrected Exhibit B form uploaded as an addendum to the RFP.
106	CONTRACT & BUDGET, SCOPE	Is the anticipated maximum budget of $50,000 intended to cover complete development, deployment, and first-year hosting of all three applications? May respondents propose a phased delivery plan within this budget?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).

107	CONTRACT & BUDGET, SCOPE	Is the anticipated $50,000 budget meant to cover development of all three applications plus the full 12 months of hosting? When does that hosting period start? During those 12 months, what maintenance and data updates would the consultant be expected to handle, versus	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
108	CONTRACT & BUDGET, SCOPE	Please confirm that the $50,000 maximum covers development of all three applications plus 12 months of hosting, and that ongoing hosting, maintenance and annual data update costs beyond those 12 months should be estimated separately and are not part of the $50,000.	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Estimated future costs for updates and maintenance outside the contract period are not included in the $50,000.
109	CONTRACT & BUDGET, SCOPE	Would ARC consider a phased award (for example, the DataNexus replacement and Housing Dashboard first, with the Economic Mobility Dashboard as a later option)? Should respondents price any optional phases separately?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). The Economic Mobility dashboard is not optional.
110	CONTRACT & BUDGET, SCOPE	Does the anticipated $50,000 funding ceiling cover implementation of all three applications, 12 months of hosting, required staff training, recurring data updates, third-party data/API charges and ongoing maintenance? Can ARC accept a defined phased implementation within that ceiling where the agreed mandatory requirements and deliverables are maintained?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
111	CONTRACT & BUDGET, SCOPE	Will a proposal covering fewer than all three applications be considered responsive? We understand that a phased implementation approach may be proposed; this question concerns whether a respondent may offer only a subset of the applications.	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Partial proposals will not be considered.

112	CONTRACT & BUDGET, SCOPE	Budget scope. Is the $50,000 maximum inclusive of 12 months of hosting and all three applications? Should the Economic Mobility Dashboard be priced as part of the base scope or as an optional later phase, given that its concept is still under consideration?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). The Economic Mobility dashboard is not optional; it will be comparable to the Housing dashboard and can be priced accordingly.
113	CONTRACT & BUDGET, SCOPE	Scope and budget: Does the $50,000 ceiling require full delivery of every listed DataNexus feature and both dashboards, or may respondents propose prioritized phases while meeting an agreed core scope?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
114	CONTRACT & BUDGET, SCOPE	The RFP states a maximum of $50,000. Does this amount cover all three applications (DataNexus replacement, Regional Housing Dashboard, Economic Mobility Dashboard) plus 12 months of hosting, or is it intended for an initial phase only?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
115	CONTRACT & BUDGET, SCOPE	Should software licensing or subscription costs for a third-party platform (if proposed) be included within the $50,000, or listed separately as an ongoing cost?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Software licensing or subscription costs should be included in the development and implementation costs.
116	CONTRACT & BUDGET, SCOPE	ARC reserves the right to award all or part of the available funds. Would ARC consider awarding the applications to different consultants, and should respondents price each application separately?	ARC is looking for a single vendor to complete the full scope. Partial proposals will not be considered.
117	CONTRACT & BUDGET, SCOPE	Does the $50,000 maximum funding amount include all development, data preparation, third-party licensing, implementation, training, maintenance, and 12 months of hosting for all three applications?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). This would include third-party licensing costs.

118	CONTRACT & BUDGET, SCOPE	Budget: the RFP says ARC may award all or part of the work within the $50,000 maximum. Is the budget intended to be split in any particular way across the three applications and hosting, and if only part is awarded, which application would ARC fund first?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). ARC is looking for a single vendor to complete the full scope.
119	CONTRACT & BUDGET, SCOPE	Is $50,000 all-in? Does the $50,000 maximum cover development of all three applications, 12 months of hosting, training, and any AI/MCP features? Or are hosting, maintenance and annual data updates priced separately, as the "Requested Information" list suggests?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Estimated future update and maintenance costs are not included in the $50,000.
120	CONTRACT & BUDGET, SCOPE	Priority and phasing. ARC may award "all or part" of the funds. How does ARC rank the three applications? If full scope for all three does not fit in the budget, would ARC prefer a phased award (for example, Housing Dashboard and the DataNexus core first, Economic Mobility later)?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
121	CONTRACT & BUDGET, SCOPE	Contract term. Award is expected in December 2026 with work "through CY 2027." Must the 12 months of hosting end by December 31, 2027, or may it run 12 months from launch?	The hosting is for the contract period ending 12/31/27.
122	CONTRACT & BUDGET, SCOPE	Could ARC clarify whether the $50,000 maximum budget covers development, licensing, implementation, 12 months of hosting, maintenance, and data updates for all three applications?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
123	CONTRACT & BUDGET, SCOPE	Is the $50,000 maximum inclusive of all three applications and the 12 months of hosting, or may respondents propose a phased award (for example Housing Dashboard first, DataNexus replacement second) with the balance in a later fiscal year?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).

124	CONTRACT & BUDGET, SCOPE	Partial award / scope — The RFP states that ARC reserves the right to award all or part of the available funds. May a respondent propose on a subset of the three applications (for example, the Regional Housing Dashboard and the Economic Mobility Dashboard only), or must every proposal address all three? If partial proposals are permitted, how are they evaluated relative to full-scope proposals?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Partial proposals will not be considered.
125	CONTRACT & BUDGET, SCOPE	Budget scope. Is the $50,000 maximum intended to cover all three applications, the 12 months of hosting, documentation and training together? Or may hosting and Year-2 maintenance be priced separately as optional items?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Estimated costs for year-2 hosting and maintenance are not included in the $50,000.
126	CONTRACT & BUDGET, SCOPE	Given the $50,000 maximum, will ARC accept a phased approach in which a defined Phase 1 is delivered and hosted within the maximum and additional DataNexus features (for example, user data upload, joined-table geodatabase export, AI/MCP) are priced as optional Phase 2 items?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). A phased approach within the contract period is acceptable provided that the scope defined in Exhibit A is achieved (not optional).
127	CONTRACT & BUDGET, SCOPE	Is the $50,000 maximum inclusive of the 12 months of hosting, and how should development, hosting and optional out-year maintenance be shown on Exhibit B, which is formatted as a Data Purchase Fee?	Yes, the $50,000 maximum is inclusive of the 12 months of hosting. Please replace the Exhibit B form with the corrected Exhibit B form that has been uploaded as an addendum to the RFP.
128	CONTRACT & BUDGET, SCOPE	Given the $50,000 maximum project budget, would ARC consider a phased implementation in which the shared platform and core functionality of all three applications are delivered within the contract period, with advanced functionality introduced through separately funded future phases? Alternatively, does ARC expect every capability listed in Exhibit A to be fully implemented within the initial budget?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). A phased approach within the contract period is acceptable provided that the scope defined in Exhibit A is achieved.

129	CONTRACT & BUDGET, SCOPE	Question 3. Does the $50,000 maximum include the 12 months of hosting for all three applications? Is the scope of the Economic Mobility Dashboard expected to be fixed before award, or defined during the project?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). The scope of the Economic Mobility Dashboard is currently under consideration but is not expected to be fixed before award. The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so pricing on an assumed scope is acceptable.
130	CONTRACT & BUDGET, SCOPE	Scope Prioritization and Phasing: The RFP identifies a maximum budget of $50,000 and allows respondents to recommend a phased implementation approach. Are all functional requirements identified in Exhibit A expected to be delivered within the initial contract, or may respondents propose a prioritized initial implementation with additional functionality delivered in future phases?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
131	CONTRACT & BUDGET, SCOPE	Hosting and Ongoing Maintenance: Beyond providing 12 months of web hosting, what level of application maintenance, technical support, and recurring data updates is expected during the initial contract period? Should these activities be included within the $50,000 maximum budget, with future annual costs presented separately?	Application maintenance, technical support, and recurring data updates are expected during the initial contract period and should be included within the $50,000 maximum budget.
132	CONTRACT & BUDGET, SCOPE	Do the estimated annual costs for data updates and dashboard maintenance fall within the stated overall budget or would it be the amount for each subsequent operating year?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Estimated future update and maintenance costs are not included in the $50,000.
133	CONTRACT & BUDGET, SCOPE	The RFP says the work lasts through CY 2027, and Exhibit A asks for 12 months of web hosting. If an application launches partway through 2027, should the 12 months of	The 12 months of included hosting will end on December 31, 2027

		hosting run from launch (into 2028), or end on December 31, 2027?	
134	CONTRACT & BUDGET, SCOPE	Budget and phases. Is the $50,000 maximum meant to cover development of all three applications plus 12 months of hosting, or a first phase only, with later phases funded separately? Exhibit A asks for a recommended phased approach, so we want to price phases the way ARC intends.	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27).
135	CONTRACT & BUDGET, SCOPE	The RFP says ARC may award all or part of the available funds. Will ARC consider proposals for one or two of the three applications? Would a phased proposal be acceptable, for example the Housing Dashboard in Phase 1 and the DataNexus replacement in a later, separately funded phase?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Partial proposals will not be considered.
136	CONTRACT & BUDGET, SCOPE	Should the $50,000 cover development, 12 months of hosting and the first year of data updates together? Or should ongoing hosting and maintenance be priced separately as optional costs, as the “Requested Information” section suggests?	The $50,000 maximum budget is intended to cover the development and implementation of the three applications, virtual training for up to 10 ARC staff, maintenance and hosting for the contract period (1/1/27-12/31/27). Estimated future update and maintenance costs are not included in the $50,000.
137	CONTRACT & BUDGET, VENDOR APPROVAL	What's the usual turnaround time for vendor application approval? We'd like to have ours in place well ahead of the November 6 deadline.	Vendors are encouraged to initiate the registration process as early as possible to avoid delays in the procurement and award process. The vendor registration and approval process typically requires approximately one (1) to two (2) weeks, depending on the timely submission of complete and accurate registration information and supporting documentation.

138	CONTRACT & BUDGET, VENDOR APPROVAL	Must vendor approval be completed before submitting clarification questions as well as the proposal? What is the expected approval time, and what formal channel should an overseas applicant use if registration is pending before the questions deadline?	Prospective vendors are permitted to submit proposals in response to this solicitation before their vendor registration with the Atlanta Regional Commission (ARC) has been fully completed and approved. However, vendors must complete all required vendor registration documentation and receive final approval from ARC prior to contract award. Submission of a proposal does not constitute vendor registration approval or guarantee eligibility for contract award. ARC reserves the right to request additional information or documentation necessary to complete the vendor registration review. Failure to complete the registration process or obtain approval prior to final award may result in the vendor being deemed ineligible for award.
139	CONTRACT & BUDGET, VENDOR APPROVAL	For the October 26 question cutoff printed as 5:00 p.m. EST, does ARC mean prevailing Eastern local time (EDT on that date)? What lead time should new vendors allow for account/application approval and access to the formal Q&A? Apart from Exhibits B and C, are any additional proposal-stage forms or DBE participation plan required, given the reference Agreement Section 31 mention?	All listed times are in Eastern Time (ET), observing daylight savings time if applicable. Vendors are encouraged to initiate the registration process as early as possible to avoid delays in the procurement and award process. The vendor registration and approval process typically requires approximately one (1) to two (2) weeks, depending on the timely submission of complete and accurate registration information and supporting documentation. This contract is federally funded; however, a DBE participation goal is not required for this solicitation.
140	DELIVERABLES, DATA NEXUS	Are the geographic layers, indicator datasets, metadata, and related tables used by the current DataNexus application already hosted in an existing database, ArcGIS Online/Enterprise environment, API, or other web-accessible service? If so, will the selected consultant be provided access to those existing services for reuse in the replacement application, or is migration to a new environment expected?	All data found in the current DataNexus tool are available through the ARC OpenData portal.

141	DELIVERABLES, DATA NEXUS	Will ARC provide the selected consultant with the current DataNexus data model, source tables, field/indicator metadata, geography relationships, and any existing ETL or update procedures? Please identify the expected delivery format where known.	We intend to fully decommission DataNexus and start fresh with the new tool.
142	DELIVERABLES, DATA NEXUS	Does ARC expect the consultant to migrate/reuse the existing 1,000+ indicators, or is the consultant also expected to independently acquire, clean, normalize, and maintain source data from Census, state agencies, and other external providers?	We intend to fully decommission DataNexus and start fresh with the new tool.
143	DELIVERABLES, DATA NEXUS	Can ARC provide an approximate current data volume, including record/feature counts, storage size, number of geographic layers, typical update frequency, and expected annual growth?	As a starting point for planning, DataNexus has about 5,800 indicators and 25 geographic levels. Most data are updated annually on a replacement basis.
144	DELIVERABLES, DATA NEXUS	DataNexus data. In what form are the 1,000+ indicators held today (ArcGIS Online feature services, tables or a database), at how many geography levels, and how often are they updated? Should the replacement read live from ARC's ArcGIS Online and Open Data services, or keep its own copy that ARC staff update through the administrative interface?	As a starting point for planning, DataNexus has about 5,800 indicators and 25 geographic levels. Most data are updated annually on a replacement basis. We would like for the tool to be able to integrate data found in ARC's ESRI Open Data portal, but will investigate possible more responsive/efficient storage strategies for the data to improve the tool's responsiveness.
145	DELIVERABLES, DATA NEXUS	DataNexus replacement – data. (a) Will ARC provide the existing indicator database/tables with the 1000+ indicators (format, e.g., geodatabase, CSV, PostgreSQL) and the geography boundary files, or must the Consultant source and ingest the data from Census/ACS and other sources? (b) Approximately how many geography levels, map layers and annual update cycles are expected? (c) What is the expected public traffic (monthly users)?	As a starting point for planning, DataNexus has about 5,800 indicators and 25 geographic levels. Most data are updated annually on a replacement basis. ARC will take responsibility for indicator development and updates; the vendor's responsibility will be to build tools that make it easy to maintain/update/add/remove data. We do not have an estimate for public traffic.

146	DELIVERABLES, DATA NEXUS	Is ARC seeking complete feature-for-feature replication of the existing DataNexus application, or would ARC consider an alternative architecture that achieves the identified analytical outcomes through a different user interface and workflow?	The new tool does not need to be a strict feature-for-feature replication, but core capabilities must be supported. For example, the new tool does not have to mimic the "data tray" functionality in data nexus. But there must be an interface that helps a user find and select a subset of desired indicators for analysis from among the literally thousands available. And the fact that these indicators will be spread across multiple data tables should be invisible/seamless to the user.
147	DELIVERABLES, DATA NEXUS	Will ARC provide the existing DataNexus datasets, geographic boundaries, indicator definitions, metadata, and associated data dictionaries in machine-readable formats? Is migration and validation of all historical datasets required, or will ARC identify a prioritized initial dataset?	The current data found in DataNexus are deprecated and do not need to be migrated. The new tool must provide an interface by which new data can be easily added to the holdings (and old datasets removed as newer vintages become available).
148	DELIVERABLES, DATA NEXUS	DataNexus data. Will ARC provide the current DataNexus indicator library (about 1,000+ indicators) and its metadata in a bulk export, or should the consultant rebuild it from the original sources? Is the current DataNexus code or configuration available?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.
149	DELIVERABLES, DATA NEXUS	Geographic extent. DataNexus covers all of Georgia. Should the replacement cover the whole state, or the 11-county Atlanta region (or the 21-county ARC modeling area)?	Statewide
150	DELIVERABLES, DATA NEXUS	Will the selected consultant receive the current DataNexus source-code repository, database schemas, data models, ETL or data-processing scripts, administrative tools, metadata catalog, technical documentation, test data, deployment configuration, and other existing technical artifacts? If provided, will the consultant have sufficient rights to modify and reuse those materials in the replacement platform, or should respondents assume a fully greenfield implementation?	No current DataNexus source-code repository, database schemas, data models, ETL or data-processing scripts, administrative tools, metadata catalog, technical documentation, test data, deployment configuration, and other existing technical artifacts will be provided. Respondents should assume a fully greenfield implementation.

151	DELIVERABLES, DATA NEXUS	Will ARC provide the 1,000+ indicators in normalized, implementation-ready form, including values aggregated to each required geography, geography identifiers and crosswalks, metadata, aliases, source dates, and update procedures? Or should the consultant include sourcing, cleaning, transformation, geographic aggregation, and ongoing ingestion of those indicators within the proposed development cost?	ARC will take responsibility for providing all data for the DataNexus replacement tool. The vendor will be responsible for creating a simple and well documented method for integrating the data into the tool
152	DELIVERABLES, DATA NEXUS	Please provide planning estimates for the number of indicators, geographic levels, geographic features, historical years, datasets, map layers, and approximate storage volume expected at launch. Please also identify the anticipated frequency of recurring updates.	As a starting point for planning, DataNexus has about 5,800 indicators and 25 geographic levels. Most data are updated annually on a replacement basis.
153	DELIVERABLES, DATA NEXUS	What spatial and tabular formats must users be able to upload, what file-size and record-count limits should be assumed, and must uploaded data persist between sessions? Should the application support user-defined joins between uploaded tables and ARC geographies, and are uploaded files expected to contain any confidential or sensitive information?	Assuming that this question refers to the user upload functionality (and not to the main holdings), users at a minimum should be able to upload Excel, CSV, Shapefile, KML/KMZ, Geopackage, Geodatabase, and GeoParquet. Uploaded data should not persist between sessions (in part given issues about information people may choose to upload), but there should be an easy way for a user to save/restore a session. The application should support user-defined joins so as to allow joint analysis between custom fields and the data already found in the tool.
154	DELIVERABLES, DATA NEXUS	Existing DataNexus data. Will ARC provide an export of the current DataNexus indicator catalog, metadata, and custom geographies, and may that data be migrated to the new platform? Who currently holds the DataNexus platform and its data?	We intend to decommission DataNexus and start fresh with the new tool. ARC will provide all necessary spatial files and indicators.
155	DELIVERABLES, DATA NEXUS	Data stewardship after launch. After launch, who produces, corrects, approves and delivers refreshed datasets, and are there requirements for update latency, publication frequency or historical retention during the 12-month hosting period?	ARC will be responsible for all datasets. The vendor will be responsible for having clean procedures by which ARC staff can load and remove data.

156	DELIVERABLES, DATA NEXUS	Geography levels and crosswalks. Which geography levels and vintages are required at launch (for example tract, block group, county, municipality, legislative district, LCI area, custom areas)? For indicators that do not align to a required geography, will ARC supply an approved crosswalk or aggregation method?	Users at a minimum should be able to upload Excel, CSV, Shapefile, KML/KMZ, Geopackage, Geodatabase, and GeoParquet. Uploaded data should not persist between sessions (in part given issues about information people may choose to upload), but there should be an easy way for a user to save/restore a session. Only ARC staff should be able to publish data for others' use.
157	DELIVERABLES, DATA NEXUS	User-uploaded data. Which upload formats, size limits and geometry types must be supported for user-added data, and must uploads stay transient within a session, be stored privately for the user, or be publishable to other users?	Users at a minimum should be able to upload Excel, CSV, Shapefile, KML/KMZ, Geopackage, Geodatabase, and GeoParquet. Uploaded data should not persist between sessions (in part given issues about information people may choose to upload), but there should be an easy way for a user to save/restore a session. Only ARC staff should be able to publish data for others' use.
158	DELIVERABLES, DATA NEXUS	What platform runs the current DataNexus, and will ARC provide its indicator database and metadata?	This information is not particularly relevant, as we intend to decommission DataNexus and start fresh with the new tool. All data found in the DataNexus tool are also currently available via ARC's OpenData Portal
159	DELIVERABLES, DATA NEXUS	Data and the current DataNexus: Will ARC provide the 1000+ indicators already processed and aggregated to each geography (with field aliases and metadata), or must the consultant build the ingestion/aggregation pipeline? What platform and data store does data.neighborhoodnexus.org run on today, and can the consultant get an export of its configuration?	This information is not relevant, as we intend to decommission DataNexus and start fresh with the new tool.
160	DELIVERABLES, DATA NEXUS	For the DataNexus replacement, will ARC provide the existing 1,000+ indicators, geographic boundaries, field aliases, metadata, and source data in reusable formats? Will any existing code, data services, or administrative tools be available, or should proposals account for rebuilding those pieces?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.

161	DELIVERABLES, DATA NEXUS	Does ARC expect all DataNexus features listed in Exhibit A to be included in the initial launch, or can proposals describe a phased rollout that prioritizes certain features first?	All DataNexus features and deliverables in Exhibit A are mandatory. A phased approach within the 12-month contract is acceptable.
162	DELIVERABLES, DATA NEXUS	Please clarify what "data specifications" should cover. Does ARC expect respondents to supply or license data (for example, the 1,000+ indicators), or to describe the technical specifications of the proposed applications and the data ARC will provide?	ARC will be responsible for all datasets. The vendor will be responsible for having clean procedures by which ARC staff can load and remove data.
163	DELIVERABLES, DATA NEXUS	What does "data offerings" refer to in this context? Will proposals that rely on ARC-provided data, rather than vendor-supplied data products, be evaluated equally?	All data for the DataNexus tool originate from public data sources and will be the responsibility of ARC staff to maintain.
164	DELIVERABLES, DATA NEXUS	Please describe the current DataNexus platform and data: technology stack, number of indicators and geographies, data volume, and how data is loaded today. Will ARC provide the existing datasets and metadata in a ready-to-load format?	This information is not relevant, as we intend to decommission DataNexus and start fresh with the new tool.
165	DELIVERABLES, DATA NEXUS	Should the replacement keep the Neighborhood Nexus name, branding and URL, and will ARC manage domain and DNS changes at cutover?	Branding is TBD, but the name and URL will almost certainly change. The new URL will most likely be a subdomain of arc.org
166	DELIVERABLES, DATA NEXUS	Will ARC supply the current application's indicator catalogue, field aliases, source metadata, data dictionaries, geographic identifiers/vintages and representative exports at kickoff? Which of the 1,000+ indicators must be migrated and operational at first acceptance, and which may be integrated under an agreed subsequent update programme?	ARC will take responsibility for providing all data for the DataNexus replacement tool. The vendor will be responsible for creating a simple and well-documented method for integrating the data into the tool
167	DELIVERABLES, DATA NEXUS	For the requirement to download selected geography joined to a table as a new GDB feature class, is a zipped Esri File Geodatabase (.gdb directory) acceptable? Please specify the required coordinate reference system, field names/aliases, expected maximum feature counts and ArcGIS Pro/version acceptance criteria.	A zipped Esri v10.0 File Geodatabase is the preferred format for download. Spatial reference should be the same as the source data, mostly likely StatePlane NAD83 Georgia West, FIPS 1002. Field names and aliases should be preserved from the source tables being joined. Maximum feature counts

			would not exceed the number of statewide blockgroups (7446) which is the smallest geography mapped.
168	DELIVERABLES, DATA NEXUS	Which spatial and tabular file types, size limits and retention periods should be supported for public users uploading their own data? Should such data remain private to the user/session, while only authenticated ARC staff can approve and publish datasets into the official indicator catalogue?	Users at a minimum should be able to upload Excel, CSV, Shapefile, KML/KMZ, Geopackage, Geodatabase, and GeoParquet. Uploaded data should not persist between sessions (in part given issues about information people may choose to upload), but there should be an easy way for a user to save/restore a session. Only ARC staff should be able to publish data for others' use.
169	DELIVERABLES, DATA NEXUS	Which Census, legislative, local and other geography levels and boundary vintages are mandatory at initial release? Will ARC provide or approve authoritative geographic boundaries, crosswalks and aggregation rules for measures not legitimately summable across geographies?	The current DataNexus tool hosts counties, tracts, state legislative districts, Congressional districts, cities, Neighborhhod Statistical Areas, Neighborhood Planning Units, ARC SuperDistricts, schools, libraries, ZCTAs, and regional commissions. ARC will provide all geographic boundary data.
170	DELIVERABLES, DATA NEXUS	For the DataNexus replacement (Exhibit A, item 1), what do ARC staff or users find hardest to do in today's DataNexus that the new platform must fix first?	There are three areas of unique difficulty 1. There must be an easy way to sort through, understand, and discover indicators to map in a geography forward analysis 2. The platform should have easy functionality (not requiring consultant time or custom code workflows, etc.) to update an available demographic dataset or add a new demographic data set. 3. The mapping (geographic boundaries, binning, coloring scheme, layer management, etc.) should be easily customizable for someone without GIS expertise
171	DELIVERABLES, DATA NEXUS	Will ARC provide the indicator inventory, underlying data extracts or services, metadata and geographic crosswalks for the 1,000-plus indicators? Please identify approximate data volumes and update frequencies, and clarify the consultant's responsibility for sourcing, cleaning, transforming and maintaining these inputs.	ARC will be responsible for all datasets. The vendor will be responsible for having clean procedures by which ARC staff can load and remove data. Data dictionaries are available on the ARC OpenData Portal.

172	DELIVERABLES, DATA NEXUS	Please specify the required upload formats and size limits for user-supplied spatial and tabular data, and the minimum acceptance expectations for joined geography exports in GDB format, saved-session files, and downloadable maps and graphics.	Users at a minimum should be able to upload Excel, CSV, Shapefile, KML/KMZ, Geopackage, Geodatabase, and GeoParquet. Uploaded data should not persist between sessions (in part given issues about information people may choose to upload), but there should be an easy way for a user to save/restore a session. Only ARC staff should be able to publish data for others' use.
173	DELIVERABLES, DATA NEXUS	When will the initial indicators, datasets and functional requirements be defined? What baseline should respondents use for estimating this application, and how will additions after baseline approval be handled?	The initial indicators, datasets and functional requirements for the DataNexus application and Housing dashboard are already defined. We can't anticipate an exact timeline for finalization of the Economic Mobility indicators, however the Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so pricing on an assumed scope is acceptable.
174	DELIVERABLES, DATA NEXUS	Existing DataNexus data. Will ARC provide the current DataNexus indicator tables, field aliases, metadata, and boundary files for migration? If so, in what format (for example, file geodatabase, CSV, or database export)? Or is the consultant expected to source and load the 1,000+ indicators from the original providers?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.
175	DELIVERABLES, DATA NEXUS	Page limit and ownership. Do the 10-page limit and format rules apply to the cover page, references, and staff resumes? Will ARC own and be able to modify the application source code, and is an open-source license acceptable for third-party components?	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. The ownership approach will be negotiated with the winning vendor.
176	DELIVERABLES, DATA NEXUS	For the DataNexus replacement, will ARC supply the complete indicator catalog, existing processed datasets, geographic crosswalks and source refresh procedures for the 1,000+ indicators? Please identify which third-party data or imagery licenses the consultant must purchase, and whether historical vintages must also migrate.	Complete catalogs of current indicators and accompanying documentation are available as a data manifest on our OpenData portal for each source used in DataNexus. With the exception of basemaps (e.g., Mapbox), all data placed in DataNexus come from publicly available sources, so no licenses would be needed (with that possible exception). We will not migrate historical data to the new tool.

177	DELIVERABLES, DATA NEXUS	For File Geodatabase downloads and user-supplied data, which input formats, maximum sizes, geographic coverage and expected concurrent use should be priced? May GDB exports be fulfilled through an asynchronous downloadable export job?	Input formats, sizes and coverage will be negotiated with the winning vendor. A zipped Esri v10.0 File Geodatabase is the preferred format for download. Geodatabase downloads can be fulfilled through an asynchronous export job.
178	DELIVERABLES, DATA NEXUS	For the DataNexus replacement, which existing components does ARC intend the consultant to retain and integrate, and which does ARC expect to replace or retire? In particular, please distinguish (a) ARC-hosted ArcGIS Online / FeatureServer layers and geographic services, (b) the current DataNexus indicator catalogue, metadata and search/configuration APIs, and (c) the existing public-facing application and its processing logic. Will the selected consultant receive ongoing authorised read and, where appropriate, publish access to retained services, and is there any planned decommissioning or migration requirement? We seek to establish the desired reuse-versus-replacement boundary without assuming existing infrastructure is either available or obsolete.	We intend to decommission DataNexus in its entirety. It is not receiving any updates or maintenance other than security patches.
179	DELIVERABLES, DATA NEXUS	Based on ARC staff experience with the current DataNexus, which specific routine changes currently require developer involvement and should become possible through the new nontechnical administration interface? For example, should staff be able to connect a new source or upload a new dataset/release, (b) refresh or replace existing observations, (c) edit individual published statistical values, (d) manage indicator definitions, metadata, geography mappings and field aliases, (e) adjust maps, charts and dashboard configuration, and/or (f) preview, validate, approve, publish and roll back changes? Please identify the most important day-to-day workflows and any required staff roles or approval controls. We are seeking the intended	Yes, all of the above.

		workflow and edit scope, not prescribing a particular implementation.	
180	DELIVERABLES, DATA NEXUS	For the DataNexus replacement, will ARC provide a machine-readable inventory of the 1,000-plus indicators, source data, metadata, geography identifiers/boundary vintages and existing update processes? Please distinguish ARC-furnished work from consultant responsibilities for sourcing, cleaning, geographic aggregation and validation, including rates/denominators and historical series.	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.
181	DELIVERABLES, DATA NEXUS	Data readiness: Will ARC provide existing DataNexus datasets, the 1,000+ indicator catalog, definitions, geographic boundary files, metadata, and applicable usage rights in a normalized, machine-readable format?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.
182	DELIVERABLES, DATA NEXUS	Geospatial exports and integration: Must users be able to export native Esri File Geodatabases and publish data back to ArcGIS Online at initial launch, or is read-only ArcGIS interoperability sufficient?	The purpose of the export function is to allow users to take the data away with them. We do not plan to push data back to our hub, as an instance of the data will already reside there.
183	DELIVERABLES, DATA NEXUS	User-provided data: What upload file formats, maximum sizes, storage policies, and retention requirements apply to user-supplied spatial and tabular datasets?	We want the public to be able to upload data to the tool on a temporary basis in order to analyze their data alongside ours. We do not want to be in the business of maintaining/policing user accounts for the public or to have to store potentially

			large amounts of others' data. Storing user-supplied data in the user's browser cache would be an acceptable solution.
184	DELIVERABLES, DATA NEXUS	Will ARC provide the current DataNexus indicator library (its 1,000+ indicators and geographies) as a structured export, or should the consultant source and compile them? Do any indicators or the aerial imagery rely on licensed or paid data, and if so, will ARC provide those licenses?	ARC will take respnsibility for providing all data for the DataNexus replacement tool. The vendor will be responsible for creating a simple and well documented method for integrating the data into the tool
185	DELIVERABLES, DATA NEXUS	Will ARC provide the 1,000+ indicators already processed and summarized to each geography, or is the consultant expected to acquire, aggregate, or allocate data to geographies?	ARC will take respnsibility for providing all data for the DataNexus replacement tool. The vendor will be responsible for creating a simple and well documented method for integrating the data into the tool
186	DELIVERABLES, DATA NEXUS	Can ARC share the current DataNexus data structure (number of geography levels, approximate record counts, data formats, and update frequency)?	As a starting point for planning, DataNexus has about 5,800 indicators and 25 geographic levels. Most data are updated annually on a replacement basis.
187	DELIVERABLES, DATA NEXUS	Is the current DataNexus platform, or its underlying data, hosted in ArcGIS Online or another ARC-managed environment? Does ARC hold an ArcGIS Online organizational license that the new application may use?	No license is required to access the DataNexus data via the OpenData portal
188	DELIVERABLES, DATA NEXUS	For "ability for users to add and visualize their own spatial and tabular data," should uploaded data stay only in the user's browser session, or be stored on the server?	We want the public to be able to upload data to the tool on a temporary basis in order to analyze their data alongside ours. We do not want to be in the business of maintaining/policing user accounts for the public or to have to store potentially large amounts of others' data.
189	DELIVERABLES, DATA NEXUS	For the DataNexus replacement, will ARC provide access to existing datasets, geographic boundaries, indicator definitions, metadata, and relevant existing application resources?	Yes.

190	DELIVERABLES, DATA NEXUS	Should respondents anticipate primarily developing the application and visualization infrastructure around existing data, or are they expected to independently acquire, normalize, validate, and maintain the complete library of 1,000+ indicators?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.
191	DELIVERABLES, DATA NEXUS	Current DataNexus: data.neighborhoodnexus.org appears to be a custom web application. Who maintains it today, and will ARC (or Neighborhood Nexus) provide a full export of the indicator catalog, values and metadata, or should the new system rebuild the catalog from the original sources?	We intend to decommission DataNexus and start fresh with the new tool, so issues related to current maintenance are not relevant. Specifications for all data found in the current tool are available in data manifests on the ARC OpenData Portal.
192	DELIVERABLES, DATA NEXUS	Geographic scope: should the DataNexus replacement stay statewide (all of Georgia), as DataNexus is today, or focus on the 11-county ARC region?	The new tool will remain statewide in scope.
193	DELIVERABLES, DATA NEXUS	Starting point. The scope says to replicate or improve the current DataNexus (data.neighborhoodnexus.org) "in a different platform." Will ARC give the selected consultant its indicator database, schemas, geography crosswalks, metadata and map configurations to migrate? Or should we assume a rebuild from source data?	We intend to decommission DataNexus and start fresh with the new tool. A successful submission to this RFP will demonstrate an understanding of what the current platform does well that should be emulated and what can be improved in the next iteration.
194	DELIVERABLES, DATA NEXUS	The 1000+ indicators. Are they already compiled, cleaned and summed to each geography, or does the consultant rebuild that data pipeline? How many geography types are in scope, what is the geographic extent (11 counties or a wider region), and how many years of history per indicator?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself. We typically remove historical data from the tool (but it remains accessible via our Open Data portal).
195	DELIVERABLES, DATA NEXUS	Scale and performance. What are the expected user volumes and peak traffic, and are there load-time targets for the DataNexus replacement?	We do not have usage statistics for the current tool.
196	DELIVERABLES, DATA NEXUS	GDB export. Is generating a file geodatabase through an open-source library (such as GDAL) acceptable, or does ARC require an Esri-licensed process?	A zipped Esri v10.0 File Geodatabase is the preferred format for download. Use of open source libraries to generate a file geodatabase is acceptable provided the export format and version maintains compatibility with the Esri platform.

197	DELIVERABLES, DATA NEXUS	Could ARC provide details about the current DataNexus platform, including its technology stack, GIS tools, database, hosting environment, APIs, and existing data sources?	This information is not particularly relevant, as we intend to decommission DataNexus and start fresh with the new tool. All data found in the DataNexus tool are also currently available via ARC's OpenData Portal
198	DELIVERABLES, DATA NEXUS	For the DataNexus replacement, how many indicators, datasets and geographic layers does the current application carry, and will ARC supply them in bulk (CSV/GeoJSON/feature services) at kickoff?	ARC will provide all required datasets. The tool should allow for ARC staff to add, update, and remove data from the tool easily (preferably via simple scripts, given that many layers will need to be updated annually)
199	DELIVERABLES, DATA NEXUS	Analytics components across the three applications — Exhibit A names map-linked scatterplots and histogram filtering for Application 1. Are those same map-linked charts (scatterplot, histogram, time-series) and user data download/export also required for the Regional Housing and Economic Mobility dashboards, or are those two dashboards a lighter KPI and profile scope? Are any chart types or export formats required beyond those listed in Exhibit A?	The three applications will require similar capabilities. Chart types and export formats will be negotiated with the winning vendor.
200	DELIVERABLES, DATA NEXUS	DataNexus data. Will ARC previde the current DataNexus indicators {1,000+), geographies and metadata as a database, file or service export? Or is the consultant expected to source and aggr□gate the indicators from the originai providers? Can ARC share the current platform and back-end technology behind data.neighborhoodnexus.org?	ARC will take responsibility for providing all data for the DataNexus replacement tool. The vendor will be responsible for creating a simple and well documented method for integrating the data into the tool
201	DELIVERABLES, DATA NEXUS	Will ARC provide the existing DataNexus source code, indicator metadata (variable names, aliases, sources, vintages, geographies) and documentation of the ArcGIS Online services that feed it? Who owns the code and the data.neighborhoodnexus.org domain?	This information is not relevant, as we intend to decommission DataNexus and start fresh with the new tool.

202	DELIVERABLES, DATA NEXUS	For the DataNexus replacement, are all capabilities listed in Exhibit A mandatory for initial acceptance, including the 1,000+ indicators, scatterplot and histogram analysis, user-uploaded datasets, file geodatabase exports, and administrative configuration functionality? Or may consultants propose functionally equivalent alternatives and prioritize capabilities based on available funding?	All capabilities for the Data Nexus replacement listed in Exhibit A are mandatory for initial acceptance.
203	DELIVERABLES, DATA NEXUS	Will ARC provide the existing DataNexus datasets, indicator definitions, geographic boundaries, metadata, and supporting documentation in formats suitable for migration? Does ARC anticipate that the consultant will migrate and validate all existing indicators, or will ARC personnel participate in data preparation, validation, and ongoing updates?	We will not migrate historical data to the new tool. ARC will take responsibility for providing all data for the DataNexus replacement tool. The vendor will be responsible for creating a simple and well documented method for integrating the data into the tool.
204	DELIVERABLES, DATA NEXUS	Two requirements refer to users: “Ability for users to add and visualize their own spatial and tabular data” and “Ability to save and restore session configuration using JSON or other downloadable file.” For each, could ARC clarify who the user is: an anonymous member of the public using the public-facing application, or a named, signed-in member of ARC staff or a partner organization? If the public is intended, should user-added data stay private to that user’s session and never be published or stored by the application?	Both user types should have access and the privacy of user-uploaded data should be maintained.

205	DELIVERABLES, DATA NEXUS	Exhibit A, Item 1 (DataNexus replacement), "Ability to save and restore session configuration using JSON or other downloadable file": Could ARC describe the user needs this requirement is meant to serve (for example, resuming work later, sharing an analysis with colleagues, reproducing a map for a report, or archiving a configuration) and which elements of a session must be preserved? Specifically, would ARC consider equivalent approaches that meet those needs, such as shareable links or saved views that restore the full session state, to satisfy this requirement, or is a file the user downloads and keeps locally essential, for instance for users without accounts or for records retention?	We want the public to be able to upload data to the tool on a temporary basis in order to analyze their data alongside ours. We do not want to maintain or monitor user accounts for the public or to have to store potentially large amounts of others' data.
206	DELIVERABLES, DATA NEXUS	Data and licensing: Please confirm which datasets ARC will supply, update responsibilities and ArcGIS/service licensing. Does the 1,000+ indicator requirement cover initial ingestion only, or ongoing acquisition and curation?	ARC will take responsibility for providing all data for the DataNexus replacement tool. The current tool hosts in roughly 5,800 indicators; the plan would be to eventually reach a similar scale with the new tool.
207	DELIVERABLES, DATA NEXUS	FileGDB exports: Please confirm required FileGDB output structure, permitted alternatives and whether representative acceptance test data will be supplied.	A zipped Esri v10.0 File Geodatabase is the preferred format for download. Geodatabase structure will be reviewed with the winning vendor.
208	DELIVERABLES, DATA NEXUS	Question 2. Will ARC provide the 1,000+ DataNexus indicators as clean tables by geography, or must the consultant source and aggregate them? Can ARC share a data export or the data dictionary from the current platform (data.neighborhoodnexus.org)?	ARC will be responsible for all datasets. The vendor will be responsible for having clean procedures by which ARC staff can load and remove data. Data dictionaries are available on the ARC OpenData Portal.
209	DELIVERABLES, DATA NEXUS	DataNexus Data Availability: Will ARC provide the existing DataNexus datasets, including the 1,000+ indicators, geographic boundaries, metadata, and associated data relationships, in a format ready for integration into the replacement application? Or should respondents include data acquisition, processing, and preparation in their proposed scope?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.

210	DELIVERABLES, DATA NEXUS	Data Updates and Automation: What is the anticipated frequency of updates to the DataNexus indicators and associated datasets? Are existing data-processing or automated update workflows available for reuse, or is the consultant expected to develop these capabilities?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.
211	DELIVERABLES, DATA NEXUS	Can ARC share usage statistics for the current DataNexus, such as monthly users, peak concurrent users, and download volume?	We do not have usage statistics for the current tool.
212	DELIVERABLES, DATA NEXUS	Will ARC provide the existing DataNexus indicator database (1,000+ indicators, geographies, metadata, field aliases) in a usable export format, or is the consultant expected to source and aggregate the indicators?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself.
213	DELIVERABLES, DATA NEXUS	DataNexus data. Will ARC provide the current DataNexus indicators, geographies and metadata as files or a database export? If so, in what format, and roughly how many records?	ARC takes responsibility for the data pipeline; the vendor's job will be to provide tools for the last mile of that pipeline (loading/maintaining) in the tool itself. The precise format will be determined jointly between ARC and the successful vendor.
214	DELIVERABLES, DATA NEXUS	What is the current DataNexus application built on, and who built and maintains it today? Will the selected consultant have access to its source code, database and current indicator catalog?	This information is not particularly relevant, as we intend to decommission DataNexus and start fresh with the new tool. All data found in the DataNexus tool are also currently available via ARC's OpenData Portal
215	DELIVERABLES, DATA NEXUS	Roughly how many indicators, geography types and vintages are in the current catalog? Public materials mention more than 5,000 variables, while the RFP says 1,000□Is the full catalog expected to be in scope at launch?	The current DataNexus tool has about 5,800 indicators. Depending on the solution selected, we may be willing to reduce that number to a more curated list of indicators, but even that reduced number will likely exceed 1,000.
216	DELIVERABLES, DATA NEXUS	How are indicators summed to each geography today? Is that done before data loads (by ARC staff or the current vendor), or does the application compute it on the fly?	Indicators are pre-calculated.
217	DELIVERABLES, DATA NEXUS	The RFP asks for interoperability with ArcGIS Online and Open Data. Does ARC expect the solution to be built on Esri products (for example Experience Builder, Dashboards or Hub)? Or is a custom application that	Existing ESRI tools cannot provide the desired user experience with the number of layers and indicators involved.

		reads from and publishes to ArcGIS Online services equally acceptable?	
218	DELIVERABLES, DATA NEXUS	The current application appears to support user sessions. Are user accounts in scope (saved maps, uploaded data)? Or is the downloadable JSON session file in the RFP enough?	The current tool does support sessions, but has no way to save/share them. Sessions are stored locally in the browser cache, which is fine until you need to clear your cache for some other reason.
219	DELIVERABLES, HOUSING DASHBOARD	ARC-maintained datasets. For the datasets ARC will provide (housing permits, LCI and TOD boundaries, housing policy adoption, and others listed in Exhibit A), what are the current formats and the expected delivery mechanism (ArcGIS Online service, file transfer, or staff upload), who owns each dataset, and how often is each refreshed? Is any direct access to ARC internal systems expected?	ARC maintains or has access to permit data, regional forecasts, and relevant GIS boundaries, including LCI and transportation/land-use layers. Available data may be supplied through ARC Open Data, GIS services, or file transfer. Formats, update schedules, and data stewards will be confirmed jointly at kickoff. Direct access to internal ARC systems should not be assumed. A comprehensive, routinely updated housing-policy adoption dataset is not yet established.
220	DELIVERABLES, HOUSING DASHBOARD	Will ARC provide the Regional Housing Strategy goals and targets, and the housing datasets in cleaned, analysis-ready form? How often are these datasets updated, and is the consultant expected to perform recurring data updates during the 12-month hosting period?	ARC will provide available goals, targets, baseline datasets, and methodology, but not all housing data are currently dashboard-ready. ARC will coordinate upstream source data; the consultant should provide reasonable integration, validation, and tools for staff to load and refresh data. Census Housing Unit Estimates are the official county production measure; permits are a separate leading indicator, and affordable production requires project-level verification. Any consultant-performed recurring refreshes during the 12-month hosting period must be specified in the final scope.

221	DELIVERABLES, HOUSING DASHBOARD	Which adopted Housing Strategy goals, baseline datasets, municipal coverage and observed progress series will ARC provide for launch? Which datasets are to be refreshed by ARC staff, by the consultant, or through automated connections, and at what expected cadence?	ARC will provide Housing Forward 2035, supporting technical documentation, regional and 11 county targets, and available baseline data. The 2020 baseline will be used to track progress toward 367,000 additional homes by 2035. Census Housing Unit Estimates and affordable housing tracking are anticipated annually; permits may be updated more frequently. Municipal indicators will be included where reliable data exist, but the strategy does not set municipal targets. ARC will coordinate the underlying housing data, while the consultant will provide integration and staff-managed refresh capabilities. Specific refresh assignments and historical coverage will be confirmed at kickoff.
222	DELIVERABLES, HOUSING DASHBOARD	What initial datasets, measures, goals, history periods and map layers should be included in the Housing and Economic Mobility dashboards? When will that inventory and the acceptance criteria be agreed, and how will later additions or changes be handled within the agreed project scope and budget?	The initial Housing Dashboard should prioritize regional and county production targets and progress since 2020, permits, affordable production and preservation, cost burden, prices and rents, and selected jobs, transit, and opportunity measures. County and municipal profiles and interactive mapping should follow Exhibit A, subject to data availability. ARC and the consultant will agree on the initial inventory, history, geographic coverage, and acceptance criteria at kickoff. Later additions will follow the agreed change process, with schedule and budget impacts documented; phased implementation may be proposed.
223	DELIVERABLES, HOUSING DASHBOARD	Have the Regional Housing Strategy goals and performance metrics been finalized, and can ARC share them during the proposal period or at project start?	Housing Forward 2035 identifies regional goals, county targets, and recommended performance measures; Board adoption is scheduled for November 12, 2026. These materials can be provided at project initiation. Some operational indicators, particularly municipal reporting and policy adoption measures, remain under development. ARC and the selected consultant will finalize the initial dashboard indicator inventory and technical specifications during kickoff.

224	DELIVERABLES, HOUSING DASHBOARD	Are the housing and economic mobility datasets already cleaned and in GIS-ready formats, or is data preparation part of the consultant's scope?	Housing datasets vary in readiness. ARC has GIS boundaries and regional forecast data, while ACS, HUD CHAS, permits, and affordable housing project records may require standardization or geographic joins. ARC will coordinate available source data and methodology; the consultant should handle integration into the application, validation of outputs, and repeatable loading procedures. Existing DataNexus data arrangements do not establish that all Housing Dashboard or Economic Mobility datasets are GIS-ready.
225	DELIVERABLES, HOUSING DASHBOARD	Housing Dashboard inputs. Are the Regional Housing Strategy goals, target values and KPI definitions final? In what formats and on what update cadence will ARC provide permit data, ACS/HUD extracts and LCI, TAD, TOD and Opportunity Zone boundary files?	ARC will provide available goals, county targets, technical documentation, and housing data. Expected source cadences are annual for Census Housing Unit Estimates, affordable production verification, preservation tracking, and ACS releases; permits may be reported quarterly or annually; HUD CHAS updates are periodic. GIS boundary update schedules vary and will be confirmed. ARC and the consultant will agree on delivery formats and loading methods at kickoff; source publication frequency should not be interpreted as a guaranteed dashboard-refresh schedule.
226	DELIVERABLES, HOUSING DASHBOARD	Will ARC provide the Regional Housing Strategy's metric definitions and targets at kickoff, and who owns data refresh after launch (ARC staff through the admin back end, or the consultant)?	ARC will provide established housing goals, county targets, and available metric definitions at kickoff. Core measures include net housing units added since 2020, permits, income-restricted production by AMI, and preservation. Some dashboard calculations and implementation indicators will be finalized with the consultant. The application should include an administrative back end, documentation, and training so approximately 4–6 ARC staff can manage updates without developer assistance. Responsibility for each recurring housing-data refresh will be confirmed at kickoff.

227	DELIVERABLES, HOUSING DASHBOARD	Will the Housing Forward 2035 dashboard metrics be finalized by contract start, and will ARC provide the county and municipal housing targets, permit data and certification criteria? Which licensed datasets (for example, ATTOM, CoStar, Zillow) may be displayed publicly?	Housing Forward 2035 identifies regional and county targets; ARC Board adoption is scheduled for November 12, 2026. ARC will provide available targets, methodology, and permit data. The strategy does not establish municipal targets, and Housing Ready certification criteria are still being developed. The consultant will help translate established goals into dashboard-ready indicators. Public display or redistribution of ATTOM, CoStar, Zillow, or other licensed data is subject to applicable license terms.
228	DELIVERABLES, HOUSING DASHBOARD	Regional Housing Dashboard: Will the performance indicators, reporting metrics, and Regional Housing Strategy goals be finalized and provided to the selected consultant at project initiation, or is the consultant expected to assist ARC with defining these measures as part of the project?	ARC will provide the Housing Forward 2035 goals and county targets, with Board adoption scheduled for November 12, 2026. The consultant is not expected to create a new strategy or targets but should help convert ARC's measures into dashboard-ready definitions, calculations, visualizations, and update procedures. The design should allow additional municipal, preservation, and policy indicators to be added as data become available.
229	DELIVERABLES, HOUSING DASHBOARD	Is the Regional Housing Strategy adopted, with defined goals and targets? Or will goal metrics still be under development when work begins in January 2027?	Housing Forward 2035 includes regional and county housing goals and targets for 2020–2035, with ARC Board adoption scheduled for November 12, 2026. ARC expects to provide the target framework when work begins in January 2027; the consultant is not expected to develop new county targets. Certain dashboard measures, including municipal policy adoption, certification, and naturally occurring affordable housing preservation, will continue to be refined during implementation.
230	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Because the Economic Mobility Dashboard concept is still under consideration, what minimum functionality and content should consultants assume for pricing and scheduling? Would ARC consider phased definition/configuration of this dashboard during the project?	The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so pricing on a comparable scope is acceptable. A phased approach within the 12-month contract is acceptable.

231	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Given that the Economic Mobility Dashboard is described as under consideration, is development of this application a mandatory deliverable under the current contract? If so, will ARC establish the required indicators, functionality, and acceptance criteria before development begins?	The Economic Mobility Dashboard is a mandatory deliverable. ARC will establish requirements before development. If data indicators have not been finalized, a dashboard framework would be acceptable.
232	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard. Since its concept is still under consideration, should offerors price it as a second instance of the housing dashboard framework with ARC-defined metrics, and will ARC define the metrics before work starts?	The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so similar pricing is acceptable. ARC will define the metrics.
233	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard. Should the Economic Mobility Dashboard be priced in this proposal, or will it be defined and priced later as a separate task?	The Economic Mobility Dashboard should be priced in the proposal.
234	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Will the Economic Mobility dashboard be defined before award, or should it be priced separately?	We can't anticipate an exact timeline for finalization of the Economic Mobility indicators. The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so similar pricing is acceptable.
235	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard: Since its concept is still under consideration, when does ARC expect to finalize its metrics and data sources? Should proposers price it as an allowance or optional task?	We can't anticipate an exact timeline for finalization of the Economic Mobility indicators. It is not an optional task.
236	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	When does ARC expect to define the Economic Mobility Dashboard's indicators and goals? May respondents base pricing on an assumed scope (for example, a similar number of indicators and views as the Housing Dashboard) and state that assumption?	We can't anticipate an exact timeline for finalization of the Economic Mobility indicators. The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so pricing on an assumed scope is acceptable.

237	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Which initial indicators, geographic units, baselines, targets and progress-tracking requirements will ARC approve for the Economic Mobility Dashboard, and when are the final definitions expected? Would a configuration-driven initial release using the shared Housing/DataNexus platform be acceptable pending final indicator approval?	ARC will establish Economic Mobility Dashboard requirements before development. If data indicators have not been finalized, an initial platform framework would be acceptable.
238	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Is the final Economic Mobility Dashboard metric and geography inventory expected to be comparable in size to the Housing Dashboard? Please identify the anticipated approval date and who supplies/validates the underlying measures.	The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard. The expected approval date is not known at this time. ARC will supply the indicator data.
239	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard: Given that its concept remains under consideration, what minimum initial functionality and deliverables will constitute acceptance?	A functional prototype of the Economic Mobility Dashboard would be an acceptable deliverable if ARC does not finalize requirements and/or data indicators during the 12-month contract period.
240	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Since the Economic Mobility Dashboard's concept is still under consideration, may proposers price it as a separate later phase?	The Economic Mobility Dashboard should be priced in the proposal and delivered in the 12-month contract period. If data indicators have not been finalized, an initial platform framework or functional prototype would be acceptable.
241	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	For the Economic Mobility Dashboard, since its concept is still under consideration, should respondents assume a scope and level of effort equivalent to the Housing Dashboard? When does ARC expect its content to be defined?	The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so similar scoping is acceptable. We can't anticipate an exact timeline for finalization of the Economic Mobility indicators.
242	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Is the Economic Mobility Dashboard expected to be a fully production-ready application within the initial contract, or is a functional prototype or phased implementation acceptable while its final specifications are developed?	A functional prototype of the Economic Mobility Dashboard would be an acceptable deliverable if ARC does not finalize requirements and/or data indicators during the 12-month contract period.

243	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard: the RFP notes its concept is still under consideration. Does ARC expect to confirm its indicators and layout before work begins in January 2027, or during the project?	We can't anticipate an exact timeline for finalization of the Economic Mobility indicators. If data indicators have not been finalized in the 12-month contract period, an initial platform framework or functional prototype would be acceptable.
244	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard. The concept is "under consideration." Will ARC define the indicators, geographies and goals before kickoff, or should the consultant recommend them? Should we price it as fixed scope, as an allowance, or as an option?	ARC will define the indicators, the geographies and the goals. We can't anticipate an exact timeline for finalization of these elements. It is not an optional task. The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so similar scoping is acceptable.
245	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Is the Economic Mobility Dashboard scope expected to be defined by ARC during the contract, and is it acceptable to price it as a fixed allowance pending that definition?	We can't anticipate an exact date. It is not an optional task. The Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so pricing on an assumed scope is acceptable.
246	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard timing. Since its concept is still under consideration, may proposers phase this dashboard later in 2027, or treat part of it as an option? When does ARC expect its metrics and data sources to be defined?	A phased approach within the 12-month contract is acceptable. The Economic Mobility Dashboard is not an optional task. We can't anticipate an exact timeline for finalization of the Economic Mobility indicators.
247	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	For the Economic Mobility Dashboard, which ARC office owns the concept, and how are 'economic mobility tracts' defined (for example, Opportunity Insights or another index)?	ARC's Office of Research & Innovation is the lead for the Economic Mobility Dashboard. Tracts are defined by the Census.
248	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Because Exhibit A indicates that the Economic Mobility Dashboard's concept and content are still under consideration, will ARC establish its final functional requirements and acceptance criteria before development begins? Would ARC accept a configurable dashboard framework that can be populated and refined as those requirements are finalized?	ARC will establish requirements before development. If data indicators have not been finalized, a dashboard framework would be acceptable.

249	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard: Please confirm baseline scope, expected metric counts and geographic levels, and whether phased acceptance is acceptable within the $50,000 funding cap.	We do not have this information at this time but expect that the metric counts and geographies would be smaller in number than Data Nexus and similar to the Housing Dashboard. A phased approach within the 12-month contract is acceptable.
250	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Economic Mobility Dashboard: Given that the Economic Mobility Dashboard's concept and content are still under consideration, how should respondents account for this application in their proposed scope and budget? Would ARC consider a preliminary scope and budget allowance to be refined once the dashboard requirements are finalized?	While the budget will be fixed, the Economic Mobility Dashboard is expected to be comparable to the Housing Dashboard, so similar scoping and budgeting is acceptable.
251	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	Since the Economic Mobility dashboard's content is still under consideration, should proposals price it as a defined deliverable within the $50,000, or as an optional or later phase?	The proposal should include the Economic Mobility Dashboard in the budget for the 12-month contract. It is not an optional task.
252	DELIVERABLES, ECONOMIC MOBILITY DASHBOARD	When does ARC expect the Economic Mobility Dashboard concept to be defined? Would ARC prefer it be scoped as a later phase or an optional add-on?	We can't anticipate an exact timeline for finalization of the Economic Mobility indicators. It is not an optional task. A phased approach within the 12-month contract is acceptable.
253	DELIVERABLES, COMPLETENESS	Are all features in Exhibit A mandatory for initial acceptance, or may respondents propose a prioritized implementation with clearly identified optional enhancements?	All features and deliverables in Exhibit A are mandatory for acceptance. A phased approach within the 12-month contract is acceptable.
254	DELIVERABLES, COMPLETENESS	Exhibit A requests three applications, while the Economic Mobility concept and content are still under consideration. Please identify the minimum funded release for each application within the anticipated $50,000 maximum. Must all three be fully delivered under that amount, or may respondents propose a clearly defined initial phase with separately priced later phases or options?	All features and deliverables in Exhibit A are mandatory for acceptance. The Economic Mobility Dashboard should have a similar scope and functionality as the Housing dashboard including interactive data exploration, mapping, analysis, visualization, and progress tracking metrics. A phased approach within the 12-month contract is acceptable. Payment schedule will be negotiated with the winning vendor.

255	DELIVERABLES, COMPLETENESS	Would ARC consider a phased implementation that prioritizes the DataNexus replacement and Regional Housing Dashboard, with the Economic Mobility Dashboard initially delivered as a prototype?	All features and deliverables in Exhibit A are mandatory for acceptance. The Economic Mobility Dashboard should have a similar scope and functionality as the Housing dashboard including interactive data exploration, mapping, analysis, visualization, and progress tracking metrics.
256	DELIVERABLES, EXAMPLES	Prototype link. May a proposal include a link to an online prototype that uses only public data, for evaluators to try?	Any prototypes or examples of previous work included as links in a proposal will be reviewed and considered.
257	DELIVERABLES, EXAMPLES	Can you provide any examples of dashboards that are similar in format or scope to what your organization is looking for? This could help gauge the level of expected work.	https://data.neighborhoodnexus.org/
258	DELIVERABLES, FUTURE	At the end of the required 12-month hosting period, does ARC expect an option for annual hosting/maintenance renewal, transfer of the application to ARC infrastructure, or both?	We will consider all hosting options. The final approach will be negotiated with the winning vendor.
259	DELIVERABLES, FUTURE	Are the "estimated annual costs for data updates and dashboard maintenance" beyond the initial 12 months expected to fall outside the $50,000 maximum?	Yes.
260	DELIVERABLES, FUTURE	After the 12-month hosting period, does ARC expect the applications to be transferred to ARC infrastructure? Should the proposal include a transition plan?	We will consider all hosting options. The final approach will be negotiated with the winning vendor.
261	DELIVERABLES, FUTURE	After the 12 months of hosting, does ARC intend to host the applications itself, renew hosting with the consultant, or both? Should annual hosting be quoted at the same rate for years 2 and 3?	We will consider all hosting options. The final approach will be negotiated with the winning vendor.
262	DELIVERABLES, FUTURE	Ownership and transition. Should the source code, configuration and data model be delivered to ARC so ARC can self-host after the 12 months? Does ARC have a	We will consider all hosting options. The final approach will be negotiated with the winning vendor.

		preferred cloud or hosting environment {far example, Azure or AWS) far the long term?	
263	DELIVERABLES, FUTURE	After the required 12-month hosting period, does ARC anticipate separately funding ongoing hosting, maintenance, data updates, and enhancements? Would ARC consider an annual platform licensing and support arrangement following the initial contract?	We will consider all hosting options. The final approach will be negotiated with the winning vendor.
264	DELIVERABLES, FUTURE	Is there an expected path for after the 12 months of hosting? For example, should the work be transferable to ARC infrastructure or to another host?	We will consider all hosting options. The final approach will be negotiated with the winning vendor.
265	DELIVERABLES, OWNERSHIP	Please confirm that the rights provisions apply to project-specific deliverables and do not transfer ownership of a consultant's pre-existing tools, frameworks, libraries, methodologies, or general-purpose components, provided ARC receives the rights necessary to operate and maintain the completed applications.	Rights and ownership are dependent upon the selected approach. We will consider all options.
266	DELIVERABLES, OWNERSHIP	Pre-existing platform rights. May the consultant retain ownership of pre-existing reusable platform code, frameworks and generic connectors while granting ARC the rights it needs in the project deliverables and data? Are open-source GIS libraries and third-party cloud services acceptable, subject to licensing and security review?	Rights and ownership are dependent upon the selected approach. We will consider all options.
267	DELIVERABLES, OWNERSHIP	Can a consultant keep pre-existing code and frameworks, with ARC licensed to use them?	Rights and ownership are dependent upon the selected approach. We will consider all options.
268	DELIVERABLES, OWNERSHIP	If the proposed solution uses a commercial software or SaaS platform, will ARC accept a subscription license to the platform while ARC owns its data, configurations and custom content? What export or transition support is expected if hosting ends after 12 months?	The ownership model, approach to transitioning the applications and long-term application support are all negotiable and will be contingent upon the proposed application environment. ARC will consider proposals that offer full application source code ownership as well as

			proposals that license rights to the application without ownership of the underlying source code.
269	DELIVERABLES, OWNERSHIP	Does ARC require ownership of the source code, or is a licensed platform acceptable? (Exhibit D, Section 26, grants ARC unrestricted rights to data, including computer programs.)	Rights and ownership are dependent upon the selected approach. We will consider all options.
270	DELIVERABLES, OWNERSHIP	Ownership and licensing. Section 26 of the sample agreement gives ARC unrestricted rights to "computer programs" produced. Does ARC expect to own the source code? May the consultant build on pre-existing proprietary or open-source components, and who holds third-party subscriptions (mapping platform, database, hosting) after the contract ends?	Rights and ownership are dependent upon the selected approach. We will consider all options.
271	DELIVERABLES, OWNERSHIP	Would ARC consider a proposal based on an existing or independently developed, configurable GIS analytics platform rather than three separately developed applications? If so, would ARC accept a licensing arrangement under which the consultant retains ownership of its pre-existing and independently developed platform, frameworks, and reusable components, while ARC receives perpetual rights to use the delivered applications and ownership or appropriate usage rights to ARC-specific data and configurations?	Rights and ownership are dependent upon the selected approach. We will consider all options.
272	DELIVERABLES, OWNERSHIP	Question 4. At the end of the contract, must ARC own the source code of the applications, or is a hosted license model acceptable?	Rights and ownership are dependent upon the selected approach. We will consider all options.
273	DELIVERABLES, OWNERSHIP	Exhibit D section 26 grants ARC unrestricted rights to data and programs produced. May the consultant use pre-existing or open-source components, licensed to ARC, rather than transferring ownership of them?	Rights and ownership are dependent upon the selected approach. We will consider all options.

274	DELIVERABLES, TIMELINE	Are there mandatory completion or operational dates for each of the three applications, or may respondents propose a phased delivery schedule within the anticipated 12-month performance period?	A phased delivery schedule within the 12-month performance period is acceptable.
275	DELIVERABLES, TIMELINE	Would ARC be open to launching the three applications in stages? Are there target dates or a preferred order? When does ARC expect to finalize the requirements and datasets for the Economic Mobility Dashboard?	A phased delivery schedule within the 12-month performance period is acceptable. There is no specific order for launching each dashboard at this time. We can't anticipate an exact timeline for finalization of the Economic Mobility requirements and data.
276	DELIVERABLES, TIMELINE	Are there required go-live dates for each application within CY 2027? Does ARC expect all three applications to launch together, or in sequence?	A phased delivery schedule within the 12-month performance period is acceptable. There are no specific dates for launching each dashboard at this time.
277	DELIVERABLES, TIMELINE	Does ARC have a target launch date for each application within CY 2027, or a preferred order of delivery?	There are no specific dates and there is no specific order for launching each dashboard at this time.
278	DELIVERABLES, TRAINING	How many ARC staff should be trained, and should training be on site in Atlanta, virtual, or both?	Training would include up to 10 ARC staff and could be conducted in-person or remotely using either Teams or Zoom (Teams is preferred).
279	DELIVERABLES, TRAINING	Training. Roughly how many ARC staff need training, and does ARC prefer on-site or remote sessions?	Training would include up to 10 ARC staff and could be conducted in-person or remotely using either Teams or Zoom (Teams is preferred).
280	PROPOSAL FORMAT	Page limit and attachments. Proposals are limited to 10 pages, and Exhibits B and C do not count. May a requirements compliance matrix and a screen-by-screen walkthrough of a working prototype be attached outside the 10 pages, within the single combined file? Does a cover page or table of contents count toward the 10 pages?	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. Covers, reference and an introductory letter shall not count towards the 10-page limit.
281	PROPOSAL FORMAT	Page limit. Does the 10-page limit include the cover page, references, and staff resumes?	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. Covers, reference and an introductory letter shall not count towards the 10-page limit.

282	PROPOSAL FORMAT	Please confirm which items are excluded from the 10-page limit. Besides Exhibits B and C, are the cover page, cover letter, table of contents, resumes and the three references excluded? Is there a minimum font size or margin requirement?	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. Covers, reference and an introductory letter shall not count towards the 10-page limit.
283	PROPOSAL FORMAT	Must the technical proposal, Exhibit B and Exhibit C be combined into a single file, or may they be uploaded as separate files within one submission? Is there a maximum file size?	All forms and proposals should be submitted within one submission.
284	PROPOSAL FORMAT	Does the 10-page limit include a cover page, cover letter, table of contents, and resumes?	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. Covers, reference and an introductory letter shall not count towards the 10-page limit.
285	PROPOSAL FORMAT	Page limit. Does the 10-page limit include the cover page, résumés, references, schedule and architecture diagrams? The RFP says only Exhibits B and C are excluded.	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. Covers, reference and an introductory letter shall not count towards the 10-page limit.
286	PROPOSAL FORMAT	Do the cover page, table of contents, and resumes count toward the 10-page limit?	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. Covers, reference and an introductory letter shall not count towards the 10-page limit.
287	INTERVIEWS	Interviews and knowledge transfer. May shortlist interviews (week of 16 November 2026) and the staff training/knowledge transfer be conducted by videoconference, and in what time window (Eastern Time)?	Interviews if necessary will be held virtually using either the MS Teams or Zoom platforms (Teams is preferred). All times listed are in Eastern Time (ET), observing daylight saving time if applicable.
288	INTERVIEWS	Interviews. Will the interviews during the week of November 16 be held virtually or in person?	Interviews if necessary will be held virtually using either the MS Teams or Zoom platforms (Teams is preferred).
289	INTERVIEWS	Will interviews be in person or virtual, and should shortlisted firms be prepared to demonstrate a working prototype or comparable live application?	Interviews if necessary will be held virtually using either the MS Teams or Zoom platforms (Teams is preferred). Demonstration of a working prototype is not required or expected but comparable live applications relevant to the scope will be considered.

290	INTERVIEWS	Interviews — The shortlist interview week is listed as November 16, 2026. Will interviews be conducted virtually or in person?	Interviews if necessary will be held virtually using either the MS Teams or Zoom platforms (Teams is preferred).
291	INTERVIEWS	If ARC holds shortlist interviews the week of November 16, may consultants take part by video?	Interviews if necessary will be held virtually using either the MS Teams or Zoom platforms (Teams is preferred).
292	QUALIFICATIONS & REFERENCES	May a newly established consulting firm demonstrate relevant experience through projects personally led and delivered by its principal or proposed key personnel, including projects completed while employed by other organizations? Can these projects satisfy the request for three recent references when the contracting entity itself is newly established?	The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
293	QUALIFICATIONS & REFERENCES	The RFP requires proposers to name the "lead consultant and any sub-consultants," and Exhibit D Section 5 requires the Executive Director's prior written approval before any work is subcontracted, with subcontract documents submitted for review prior to execution. Should the proposal include sub-consultant qualifications and references within the 10-page narrative (and do sub-consultant resumes count against the page limit), or does the formal subcontract approval process occur only after award?	Proposals are not to exceed a total of 10 pages (8.5 x 11). Completion of forms in Exhibits B and C will not count against the proposal page limit. Covers, reference and an introductory letter shall not count towards the 10-page limit.
294	QUALIFICATIONS & REFERENCES	Evaluation criterion 1 weights "related experience, qualifications, and references of the consultant" at 30%. For a proposal that names sub-consultants, will ARC evaluate the combined relevant experience of the prime + sub-consultant team, or the prime consultant's experience alone?	The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
295	QUALIFICATIONS & REFERENCES	May the required project references include projects completed by named sub-consultants, or must all references be the prime's?	The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications

			(50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
296	QUALIFICATIONS & REFERENCES	Can an individual consultant submit a proposal under their own name as a sole proprietor, without an LLC or corporation? If so, is a federal EIN required for vendor registration, or can another taxpayer ID be used? For a sole proprietor with no employees, how should the contractor affidavit in Exhibit C be completed, especially the E-Verify fields?	For purposes of the Georgia E-Verify requirements, a contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Contractor Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor's state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number.
297	QUALIFICATIONS & REFERENCES	May the lead consultant include completed projects performed by its named sub-consultants, if each project clearly identifies which firm performed the work?	The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
298	QUALIFICATIONS & REFERENCES	May any of the three references come from a named sub-consultant's clients? Must the referenced work be completed, or may it be ongoing work begun within the past 5 years?	Proposals are not to exceed a total of 10 pages (8.5 x 11). The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).

299	QUALIFICATIONS & REFERENCES	Will naming sub-consultants and their roles in the proposal serve as the request for subcontract approval, or is a separate approval needed after award?	Proposals are not to exceed a total of 10 pages (8.5 x 11). The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
300	QUALIFICATIONS & REFERENCES	Whether the three references may include clients of the key personnel from the past 5 years, in addition to clients of the firm.	Proposals are not to exceed a total of 10 pages (8.5 x 11). The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
301	QUALIFICATIONS & REFERENCES	May the three references from the past five years include projects completed by proposed subconsultants or named team members while working at other firms? Please clarify how the five-year condition applies to completed projects and ongoing engagements.	Proposals are not to exceed a total of 10 pages (8.5 x 11). The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
302	QUALIFICATIONS & REFERENCES	The proposer is a single-member LLC whose owner is its only worker, with no employees and no plans to hire. Instead of the E-Verify Contractor Affidavit, will ARC accept a copy of the owner’s state-issued driver’s license, or a notarized no-employees affidavit?	For purposes of the Georgia E-Verify requirements, a contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Contractor Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor’s state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number.

303	QUALIFICATIONS & REFERENCES	Regarding the 30% evaluation criterion for related experience, qualifications, and references, does ARC require respondents to demonstrate prior delivery of GIS-specific or interactive web-mapping applications? Or would substantial experience developing custom web applications, data analytics platforms, interactive dashboards, cloud-based systems, and complex data integrations also be considered qualifying relevant experience?	The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
304	QUALIFICATIONS & REFERENCES	Is prior GIS-specific project experience a mandatory qualification or a factor considered during evaluation?	Yes, prior GIS-specific experience is a necessary qualification for this project. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
305	QUALIFICATIONS & REFERENCES	Must the three required references represent completed GIS or web-mapping implementations, or may respondents provide references for comparable custom software development, data visualization, and analytics projects demonstrating relevant technical capabilities?	Prior GIS or web mapping experience is a necessary qualification for this project. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
306	QUALIFICATIONS & REFERENCES	Would ARC consider a proposal from a general software engineering and data analytics firm that incorporates specialized GIS expertise through a subcontractor or project partner? If so, can the subcontractor's relevant experience and references contribute to the qualifications evaluation?	Prior GIS or web mapping experience is a necessary qualification for this project. We will consider all the information provided in the application. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).

307	QUALIFICATIONS & REFERENCES	Would ARC accept commercial-sector project references if the vendor does not have prior government project experience?	Yes, commercial-sector project references are acceptable, prior government project experience is not mandatory. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
308	QUALIFICATIONS & REFERENCES	Is prior experience delivering projects for government agencies mandatory, or will comparable private-sector experience be considered?	Yes, comparable private-sector experience will be considered, prior experience delivering projects for government agencies is not mandatory. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
309	QUALIFICATIONS & REFERENCES	References — firm versus key personnel or teaming partner — The RFP requires three references within the past five years and descriptions of completed projects similar in scope. For a smaller or newer firm proposing with named key personnel or a subconsultant, may references and completed-project examples be attributed to the key personnel or a teaming partner rather than solely to the prime firm? How are a teaming partner's qualifications weighted within the 30% experience and references criterion?	All relevant experience and references will be considered. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
310	QUALIFICATIONS & REFERENCES	Teaming structure — The RFP invites consultants or teams of consultants. To confirm: are prime-plus-subconsultant teams permitted, with the lead consultant holding the contract while a subconsultant provides specialized GIS capability?	All relevant experience and references will be considered. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).

311	QUALIFICATIONS & REFERENCES	Experience and references. Will ARC accept project examples and references from commerciai, nonprofit or academic work, and from proposed sub-consultants, toward the 30% experience criterion?	All relevant experience and references will be considered. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
312	QUALIFICATIONS & REFERENCES	Will experience and references of named subconsultants be considered, or only those of the proposing firm, as stated in ARC's RFP 793 answers?	All relevant experience and references will be considered. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).
313	QUALIFICATIONS & REFERENCES	For a contractor with no employees, what documentation will ARC accept in place of the E-Verify affidavit in Exhibit C? Could ARC also post Exhibit C as a fillable Word or PDF file?	For purposes of the Georgia E-Verify requirements, a contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Contractor Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor's state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number.
314	QUALIFICATIONS & REFERENCES	May references speak to relevant work performed by proposed key personnel at prior firms or for prior clients within the past 5 years?	All relevant experience and references will be considered. The review of written proposals will be based on the following evaluation criteria, with the relative weights in parentheses: 1. Related experience, qualifications, and references of the consultant (30%); 2. Technical specifications of applications (50%); 3. Delivery schedule and methodology (10%); 4. Proposed budget (10%).

315	QUALIFICATIONS & REFERENCES	Georgia E-Verify affidavit. For RFP804, ARC's answers to questions 50 and 51 said contractors with no employees may submit a state-issued ID in place of the notarized affidavit. Does the same apply to RFP828?	For purposes of the Georgia E-Verify requirements, a contractor that has no employees and does not hire or intend to hire employees to perform any portion of the contract should provide the Exhibit C E-Verify Contractor Affidavit without the company identification number on the form. However, the contractor must provide a copy of the contractor's state-issued driver's license or state-issued identification card. Please note there are restrictions regarding the state issuing the driver's license or identification card. The vendor must notify ARC if at any time it is no longer a sole proprietorship and must then submit the E-Verify affidavit with the company identification number.
316	AI/MCP	Will AI/MCP features be considered in scoring under Technical Specifications? Does ARC have policies on AI use, approved AI services, or data privacy that would apply? Should ongoing AI usage costs be priced separately?	AI/MCP integration is not a requirement and will not be scored as part of the technical specifications. There are no approved providers; however, AI features including the LLM will be subject to a risk assessment. ARC will perform a risk assessment on any AI features based in the NIST AI Risk Assessment Framework. Privacy risks will be scored as part of the overall assessment. ARC policies related to the use of external AI model providers will be provided to the winning vendor.
317	AI/MCP	AI and MCP. Is the preferred AI/MCP integration scored as part of the technical specifications? Does ARC have policies on using external AI model providers or on data leaving ARC's environment?	AI/MCP integration is not a requirement and will not be scored as part of the technical specifications. There are no approved providers; however, AI features including the LLM will be subject to a risk assessment. ARC policies related to the use of external AI model providers will be provided to the winning vendor.
318	AI/MCP	AI and MCP. The scope calls AI/MCP "preferred not required." Is it scored under the 50% technical criterion? Are there restrictions on LLM providers or data privacy, and who pays for model usage? Would an optional, separately priced phase be acceptable?	AI/MCP integration is not a requirement and will not be scored as part of the technical specifications. ARC policies related to the use of external AI model providers will be provided to the winning vendor. An optional, separately priced phase is acceptable.

319	AI/MCP	AI / MCP scoring weight — Exhibit A lists AI and MCP integration as preferred, not required. Is a working AI / MCP natural-language query capability scored within the 50% technical criterion, and if so, how is it weighted relative to the required mapping and analytics features?	AI/MCP integration is not a requirement and will not be scored as part of the technical specifications.
320	AI/MCP	Al and MCP feature. Far the preferred Al and natural-language query feature, does ARC have restrictions on using commerciai large-language-model APIs (approved providers, data-privacy terms)? Should ongoing model or API usage costs be included in the budget or listed separately?	There are no prohibitions against commercially hosted language model for natural-language variable search over public data. There are no approved providers; however, AI features including the LLM will be subject to a risk assessment.
321	AI/MCP	Does ARC's AI Acceptable Use Policy permit a commercially hosted language model for natural-language variable search over public data, and are there approved providers?	There are no prohibitions against commercially hosted language model for natural-language variable search over public data. There are no approved providers; however, AI features including the LLM will be subject to a risk assessment.
322	AI/MCP	For the optional AI/MCP integration, does ARC have any restrictions on using third-party AI services (for example, commercial LLM APIs) or on which data may be sent to them?	There are no prohibitions against commercially hosted language model for natural-language variable search over public data. There are no approved providers; however, AI features including the LLM will be subject to a risk assessment.
323	DATA SOURCES	Does ARC maintain datasets, APIs, ArcGIS services, application components, or hosting infrastructure that the selected consultant is expected or permitted to reuse?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary.
324	DATA SOURCES	Data ARC already holds: for the non-Census sources (Georgia DPH, Georgia DOE, CACDS, building permits, Regional Housing Strategy goals, homelessness and policy adoption data), will ARC supply these as files or ArcGIS services, and how often are they updated?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary.
325	DATA SOURCES	"Data specifications." The RFP asks for "data specifications" and evaluates "data offerings." Should we read that as the technical specifications of the applications in Exhibit A? May proposals link to a working demo or prototype?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary. Proposals may link to a working demo or prototype.

326	DATA SOURCES	Data provision — The RFP indicates ARC anticipates providing many of the underlying datasets. In what formats and at what cadence (for example, REST/feature services, CSV, GeoJSON, scheduled refresh), and will the consultant have API access to ARC and Census services for live updates, or are static snapshots expected?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary.
327	DATA SOURCES	Are all data currently in a GIS-compatible format? Are there tabular data or non-spatial data sets?	All data are currently joined to geometries. We may relax that in the new tool if it can improve performance.
328	DATA SOURCES	Are there any data APIs or streaming data services that will be important for the new dashboard?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary.
329	DATA SOURCES	A primary component of the cost of this type of project is the current status of the data. Can you tell us more about the existing data structures? Does ARC own the data and do you have the ability to manipulate it?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary.
330	DATA SOURCES	Does an API for connecting with the data already exist, and is there robust documentation?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary. API documentation is available through Esri.
331	DATA SOURCES	For the datasets ARC will provide (permits, ACS, HUD, LCI and others), what format and update frequency should we expect? Are any of them already published as ArcGIS services?	Most datasets are made available for consultants to access through our published ArcGIS Online layers. Update cycles vary. API documentation is available through Esri.
332	HOSTING	For the required 12 months of hosting, does ARC prefer consultant-managed hosting, deployment into ARC-owned infrastructure, or either approach? If ARC has existing Azure, AWS, ArcGIS Enterprise, or other infrastructure available, please identify what may be used.	For the required 12 months of hosting, ARC prefers a consultant-managed, US cloud hosting environment.

333	HOSTING	Hosting and platform. (a) Will ARC provide ArcGIS Online/Enterprise licenses and accounts for the interoperability and publishing requirements, or must the Consultant supply them? (b) May the Consultant host the applications on its own cloud infrastructure, with interoperability provided through ArcGIS REST/feature services and standard open formats, or must the applications run inside ARC's own cloud/Esri environment? (c) Is there a preferred or prohibited technology stack?	The Consultant may host the applications on its own cloud infrastructure, with interoperability provided through ArcGIS REST/feature services and standard open formats. The technology stack will be negotiated with the winning vendor.
334	HOSTING	Does the required 12-month hosting period begin at contract award, initial deployment, or final acceptance of each application? May respondents use third-party managed cloud infrastructure, such as AWS, Azure, or equivalent services? What service-level commitments, maintenance obligations, and post-contract transition requirements apply?	The 12 months of hosting will begin on January 1, 2027 and end on December 31, 2027. ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. WCAG 2.1 AA is the accessibility requirement for 2027. The $50,000 maximum is inclusive of the 12 months of hosting. Hosting and maintenance after the first 12 months should be priced as a separate annual option.
335	HOSTING	Hosting ownership. Is ARC open to hosting on a cloud account that ARC owns, with the consultant operating it, or does ARC prefer the consultant to host? Does ARC have a preferred cloud or an existing ArcGIS Online organization the applications should use?	For the required 12 months of hosting, ARC prefers consultant-managed US cloud hosting. ARC does have an existing AGO organization hosting application related data layers.
336	HOSTING	Please provide anticipated public traffic and peak concurrent-user estimates, required uptime and recovery expectations, backup and retention requirements, domain and certificate responsibilities, logging and monitoring requirements, and any required security standards or vulnerability testing.	We do not have traffic or peak concurrent user estimates available. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant.
337	HOSTING	Hosting after 12 months. After the 12 months of hosting, should hosting transfer to ARC, or does ARC expect the	For the required 12 months of hosting, ARC prefers consultant-managed US cloud hosting.

		consultant to continue hosting under a renewal? Is consultant-hosted cloud infrastructure acceptable?	
338	HOSTING	Support boundaries during hosting. During the 12 months of hosting, what support hours, incident-response targets, backup and restore requirements and bug-fix obligations does ARC expect, and how does ARC distinguish included maintenance from separately funded enhancements?	Support hours are expected to align with normal ARC operating hours (Eastern Time/ET, observing daylight saving time if applicable), Monday-Friday. The 12 months of hosting will begin on January 1, 2027 and end on December 31, 2027. ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. WCAG 2.1 AA is the accessibility requirement for 2027. The $50,000 maximum is inclusive of the 12 months of hosting. Hosting and maintenance after the first 12 months should be priced as a separate annual option.
339	HOSTING	Hosting after year one: After the 12 months of hosting, does ARC intend to bring hostingin-house (e.g., an ARC Azure/AWS tenant) or continue with the consultant? Are there ARC IT requirements for hosting, such as cloud provider, SSO for the admin back end, uptime, or security standards?	Hosting and maintenance after the first 12 months should be priced as a separate annual option. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. Admin access should include SSO via Microsoft Entra ID IdP integration with conditional access.
340	HOSTING	Does ARC prefer vendor-hosted (SaaS or vendor cloud) or hosting in an ARC-owned environment? Does the 12-month hosting period start at contract award or at go-live of each application?	The 12 months of hosting will begin on January 1, 2027 and end on December 31, 2027. ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant.
341	HOSTING	When does the required 12-month hosting period begin? Please identify expected traffic and storage, availability targets, backup and incident-response requirements, and the maintenance, support and data-update workload that must be included in the proposed contract price. Should separately requested annual maintenance and update estimates describe costs after the included hosting period, or costs within that period?	We do not have traffic or storage estimates available. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. The $50,000 maximum is inclusive of the 12 months of hosting. Hosting and maintenance after the first 12 months should be priced as a separate annual option.

342	HOSTING	Hosting and security. Must the applications be hosted in an ARC-owned cloud account, or may the consultant host them on commercial cloud platforms under accounts that can be transferred to ARC? Does ARC require single sign-on for staff (for example, Microsoft Entra ID), and are there ARC IT security or accessibility requirements (WCAG level or Section 508) beyond those in Exhibit A?	ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. Admin access should include SSO via Microsoft Entra ID IdP integration with conditional access.
343	HOSTING	When does the 12-month hosting term begin: contract execution, first application launch or acceptance of all three applications? Please state required hosting location, service levels, retention, disaster recovery and accessibility acceptance standards.	The 12 months of hosting will begin on January 1, 2027 and end on December 31, 2027. ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. WCAG 2.1 AA is the accessibility requirement for 2027
344	HOSTING	When does the required 12-month hosting period begin: contract execution, first application launch, or final acceptance of all three applications? Which data-refresh work, defect correction, support hours/service targets, backups and handover must be included in the $50,000 initial budget, and which recurring hosting, maintenance and data-update costs should be quoted separately? Please also confirm any required production milestones during CY 2027.	Support hours are expected to align with normal ARC operating hours (Eastern Time/ET), Monday-Friday. The 12 months of hosting will begin on January 1, 2027 and end on December 31, 2027. ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. WCAG 2.1 AA is the accessibility requirement for 2027. The $50,000 maximum is inclusive of the 12 months of hosting. Hosting and maintenance after the first 12 months should be priced as a separate annual option. Application delivery may take a phased approach. ARC will negotiate specific milestones with the winning vendor.
345	HOSTING	Hosting term: Does the required 12-month hosting period begin at contract execution, first deployment, or final acceptance? May hosting continue beyond December 2027 if deployment occurs during 2027?	The 12 months of hosting will begin on January 1, 2027 and end on December 31, 2027.
346	HOSTING	Is the $50,000 maximum inclusive of the 12 months of hosting? Should hosting and maintenance after the first 12 months be priced as a separate annual option?	Yes, the $50,000 maximum is inclusive of the 12 months of hosting. Hosting and maintenance after the first 12 months should be priced as a separate annual option.

347	HOSTING	Does ARC require hosting in a specific environment (e.g., ARC's infrastructure, a specific cloud provider), or may the consultant host? Are there security, data residency, or uptime requirements?	For the required 12 months of hosting, ARC prefers consultant-managed cloud hosting. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant.
348	HOSTING	Hosting: the RFP asks the consultant to host the applications for 12 months. Is there a preferred environment (for example a US commercial cloud, or ARC's own Azure or AWS account), and after the 12 months does ARC expect hosting to transfer to ARC or to continue with the consultant under a separate agreement?	For hosting, ARC prefers a consultant-managed, US cloud hosting environment. Hosting and maintenance after the first 12 months should be priced as a separate annual option.
349	HOSTING	Where it is hosted and who owns it. Should the apps run in the consultant's cloud account or in an ARC-owned tenant (Azure or AWS)? After the 12 months of hosting, does ARC expect a handoff, or should we price continued hosting and maintenance as an option outside the $50,000?	For hosting, ARC prefers a consultant-managed, US cloud hosting environment. Hosting and maintenance after the first 12 months should be priced as a separate annual option.
350	HOSTING	Hosting — Are there hosting constraints (U.S.-region hosting, a specific cloud provider, uptime/SLA, or data-residency requirements), or may the consultant host on its own cloud (for example, Microsoft Azure) during the 12-month hosting period?	For the required 12 months of hosting, ARC prefers consultant-managed cloud hosting. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant.
351	HOSTING	May the applications and data be hosted in ARC's ArcGIS Online environment (the GARC organization), with the consultant hosting only custom front-end components, to satisfy the hosting requirement? Will the consultant be provided named user accounts?" Hosting cost and the Esri-native design.	The solution should be interoperable with ArcGIS if non-Esri based. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing or named user accounts to vendors.
352	HOSTING	Does ARC require the selected consultant to provide and manage all hosting infrastructure for the initial 12-month period, or would deployment into an ARC-owned cloud environment be acceptable? Are there preferred hosting	For hosting, ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant.

		providers, security requirements, or restrictions on cloud infrastructure?	
353	HOSTING	One of the deliverables is 12 months of web hosting services. Can this be a third-party hosting site?	Yes
354	HOSTING	Does ARC currently use a service for spatial data hosting?	Yes. ArcGIS Online
355	HOSTING	May the consultant host the applications on commercial cloud infrastructure, and will the applications run on an ARC-owned domain or subdomain? At the end of the 12-month hosting period, should the consultant plan a transition to ARC infrastructure?	For hosting, ARC prefers a consultant-managed, US cloud hosting environment. Hosting and maintenance after the first 12 months should be priced as a separate annual option.
356	HOSTING	Hosting. May the applications be hosted in the consultant's cloud environment under an ARC domain? Does ARC have security or single sign-on requirements for the administrative back end?	Yes. Microsoft Entra ID is the required IdP for SSO admin access.
357	HOSTING	Hosting term. Should the 12 months of hosting for each application begin at that application's launch, or on one common date?	The 12 months of hosting will begin on January 1, 2027 and end on December 31, 2027.
358	HOSTING	Does ARC have hosting requirements or preferences (cloud provider, ARC-managed infrastructure, security review)? Is there a required launch date for any of the three applications?	For hosting, ARC prefers a consultant-managed, US cloud hosting environment. The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. The solution should meet the requirements as defined in the scope of work by 12/31/2027.
359	PLATFORM/IT	Are respondents permitted to propose customized open-source geospatial and web application frameworks, including PostgreSQL/PostGIS, Python, and modern JavaScript mapping libraries, provided the applications satisfy ARC's functional, security, and accessibility requirements?	Yes.

360	PLATFORM/IT	What minimum cybersecurity, accessibility, application availability, and administrative-control standards must the completed applications satisfy? Are specific third-party security assessments, accessibility audits, penetration tests, or ongoing software licenses required within the proposed budget?	Applications must meet the standards listed within NIST 800-53 (Rev. 5) for security controls, encryption of data, and timely vulnerability remediation. Administrative controls should be based on least privilege and provide role-based access, single sign-on integration via Entra ID IdP, audit logging, and change management. Hosting should be FedRAMP compliant. The site must conform to WCAG 2.1 AA accessibility standards.
361	PLATFORM/IT	Acceptance standards. What minimum concurrent-user load, response-time, availability, accessibility conformance (for example WCAG 2.1 or 2.2 Level AA), security, hosting-location, authentication and penetration-testing requirements will ARC use for acceptance?	The site must comply with WCAG 2.1 AA.
362	PLATFORM/IT	Staff access and sign-off. How many ARC staff will need administrator access and training, which workflows must be configurable without code, and who signs functional acceptance for each of the three applications?	up to 10 ARC staff will need administrator access and training. Workflows that should be available through a secure administrative back-end interface without changes to the underlying code include adding or updating datasets, creating indicators, configuring visualizations, and managing metadata and geographic layers. The project manager and department head will sign off on functional acceptance for the applications.
363	PLATFORM/IT	Are there existing data sources or GIS platforms, such as ArcGIS, that the three dashboards should connect to or build on?	ARC maintains an Esri Open Data portal for public-facing datasets. Interoperability with Esri's ArcGIS Online and Open Data platforms and services is a requirement.
364	PLATFORM/IT	Please provide any required acceptance baseline for indicator/geography volumes, simultaneous users and response times; user-upload formats, file sizes and retention; and GDB export format/version and supported ArcGIS interoperability. Which accessibility standard and testing evidence will ARC require? If no common quantitative baseline is prescribed, may respondents state explicit supported limits and acceptance tests while addressing every required capability?	Respondents may state explicit supported limits and acceptance tests while addressing every required capability. WCAG 2.1 AA is the accessibility requirement for 2027.

365	PLATFORM/IT	May a shared preexisting software platform be configured as three public-facing applications with a common staff administration interface and no viewer licence fees? If so, may respondents identify background software and open-source/third-party components in a licence schedule, retaining their applicable ownership/licences while granting ARC the rights needed to operate and maintain the delivered applications? Please clarify how this relates to sample Agreement Sections 26, 27, 33 and 34, and identify any ARC-furnished ArcGIS, basemap/aerial-imagery or other service rights available for public display and exports.	Yes, a shared preexisting software platform may be configured as three public-facing applications with a common staff administration interface and no viewer licence fees. Respondents may identify background software and open-source/third-party components in a licence schedule, retaining their applicable ownership/licences while granting ARC the rights needed to operate and maintain the delivered applications. The sample agreement may be modified to reflect ownership and licensing considerations. The solution should be interoperable with ArcGIS if non-Esri based. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing or named user accounts to vendors.
366	PLATFORM/IT	Does ARC have a preference for an open-source, commercial off-the-shelf, or Esri-based solution, given the requirement for unlimited end users with no viewer licenses?	The solution should meet the requirements as defined in the scope of work.
367	PLATFORM/IT	Would ARC accept a solution incorporating open-source spatial databases, charting libraries, and mapping components alongside Esri ArcGIS Online services, provided the solution meets functional and interoperability requirements? Are any specific Esri licensing arrangements or technologies mandatory?	The solution should meet the requirements as defined in the scope of work.
368	PLATFORM/IT - ESRI/AGO	Does ARC currently maintain ArcGIS Online, ArcGIS Enterprise, or both? If so, may the selected consultant use ARC's existing organization, hosted layers, services, and licensing as part of the solution?	Both; between the two, an AGO solution is preferred. ARC will be responsible for the data pipeline. The vendor will not have access to ARC ArcGIS licensing.
369	TECHNICAL, PLATFORM/IT	Would ARC accept three distinct public-facing application interfaces built on a shared technical backend, data layer, and hosting environment, provided each application meets its functional requirements?	Yes, however, all three applications will have unique specifications.

370	PLATFORM/IT - ESRI/AGO	Platform. Is ARC open to an open-source application hosted by the consultant, with no per-viewer licenses and ArcGIS Online interoperability through ARC's services? Or does ARC expect the applications to be built on Esri products under ARC's existing license (for example, ArcGIS Experience Builder or ArcGIS Dashboards)?	The solution should meet the requirements as defined in the scope of work.
371	PLATFORM/IT - ESRI/AGO	Esri licensing. For interoperability with ArcGIS Online and ARC Open Data, will ARC provide access to its ArcGIS Online organization and services? Is an Esri-based platform (for example ArcGIS Experience Builder or Dashboards) acceptable, or is ARC looking for a platform without per-user Esri licensing for administrators?	The solution should be interoperable with ArcGIS if non-Esri based. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing or named user accounts to vendors.
372	PLATFORM/IT - ESRI/AGO	Please clarify the required ArcGIS Online and Open Data interoperability. Should the application consume existing ARC feature services, publish services back to ARC systems, synchronize datasets, or support another workflow? Will ARC provide access to its ArcGIS organization and any required licenses or service accounts?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
373	PLATFORM/IT - ESRI/AGO	ArcGIS Online. Does ARC have an ArcGIS Online organization the applications should integrate with, and will ARC provide credentials and basemap access for it?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
374	PLATFORM/IT - ESRI/AGO	Esri compatibility and acceptance tests. Does “GDB format” mean an Esri File Geodatabase specifically? Which ArcGIS Online and Open Data workflows and feature-service interfaces must the applications support, and will ARC provide sample datasets and acceptance criteria for the interoperability tests?	Yes, export capability should include Esri geodatabase, for instance, from REST feature service. The application should be interoperable with Esri’s ArcGIS Online and Open Data platforms and services at a minimum.

375	PLATFORM/IT - ESRI/AGO	Does ARC hold an Esri/AGOL enterprise license the solution can use, and can hosting run on ARC's own infrastructure?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
376	PLATFORM/IT - ESRI/AGO	Platform/licensing preference: Does ARC have an existing ArcGIS Online / ArcGIS Enterprise organization and licenses the consultant may build on (e.g., Experience Builder, Dashboards, Hub)? Or does ARC prefer an open-source stack (e.g., MapLibre/PostGIS) with ArcGIS Online interoperability only? Who will own any third-party licenses after the 12-month hosting period?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors. ARC should be responsible for third party licensing after the hosting period.
377	PLATFORM/IT - ESRI/AGO	The scope requires ArcGIS Online / Open Data interoperability. Is an open-source stack (Mapbox GL JS + PostGIS) acceptable for the mapping applications provided the ArcGIS Online interoperability requirement is met, or is Esri technology required?	Yes, open source is acceptable provided interoperable conditions are met.
378	PLATFORM/IT - ESRI/AGO	Would ARC accept an application built with open-source mapping and visualization tools that integrate with ArcGIS Online and Open Data? Are there required platforms, hosting arrangements, security standards, or licenses beyond what's described in Exhibit A?	Open source is acceptable provided interoperable condiitons are met. The application should be interoperable with Esri's ArcGIS Online and Open Data platforms and services at a minimum. The solution should meet the requirements as defined in the scope of work. The solution should align to ARC security policies.
379	PLATFORM/IT - ESRI/AGO	Does ARC hold ArcGIS Online or ArcGIS Enterprise licenses that the new applications may use (for example, hosted feature layers, ArcGIS Hub or Experience Builder)? Does ARC prefer an Esri-based solution, or is any platform acceptable if it interoperates with ArcGIS Online?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
380	PLATFORM/IT - ESRI/AGO	Does interoperability mean consuming ARC ArcGIS Online/Open Data/FeatureServer datasets and exporting GIS-compatible files, or must the new platform also	The platform should consume ARC ArcGIS data endpoints and export in GIS compatable files. No publishing and editing required.

		publish and edit hosted layers in ARC's ArcGIS Online organisation using authenticated APIs?	
381	PLATFORM/IT - ESRI/AGO	What existing GIS infrastructure, subscriptions, publishing privileges, basemap services and data licenses will ARC make available? Which additional licensing costs should the consultant price to support the required interoperability, GDB exports and unlimited public users without viewer licenses?	ARC will not provide Esri licensing to vendors. We could establish a partnered collaboration to allow vendor access to content in development. Regarding publication requirements, ARC will handle the data pipeline. The application should be interoperable with Esri's ArcGIS Online and Open Data platforms and services at a minimum. The solution should meet the requirements as defined in the scope of work.
382	PLATFORM/IT - ESRI/AGO	ArcGIS environment. Does ARC have an ArcGIS Online organization and Open Data site that the applications should integrate with? Should the solution authenticate to it (for example, to read private feature services), or is integration with public services sufficient? Does ARC expect the consultant to supply any Esri licensing?	The solution should be interoperable with ArcGIS to consume public services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
383	PLATFORM/IT - ESRI/AGO	Does ARC have an ArcGIS Online organization the applications may use? Is a solution built on it acceptable, or does ARC prefer a standalone application that works with ArcGIS Online?	The solution should be interoperable with ArcGIS to consume services. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
384	PLATFORM/IT - ESRI/AGO	ArcGIS Online: will the selected consultant be given access to ARC's ArcGIS Online organization to read and publish layers, or should the applications only consume public ARC Open Data services?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
385	PLATFORM/IT - ESRI/AGO	Platform constraints. Does ARC prefer or exclude any platform type: Esri-based (Experience Builder, Hub), commercial SaaS, or open-source with a custom front end? The scope asks for interoperability with ArcGIS Online and Open Data. Will ARC give the consultant	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.

		access to its ArcGIS Online organization and hosted feature services?	
386	PLATFORM/IT - ESRI/AGO	Is a non-Esri application stack acceptable if it reads and publishes ArcGIS Online / Open Data services through the ArcGIS REST API, or does ARC require the applications to be built on Esri products (Experience Builder, Dashboards, Hub)?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
387	PLATFORM/IT - ESRI/AGO	Esri / ArcGIS requirement — Application 1 cites interoperability with Esri's ArcGIS Online and Open Data platforms. Is a specific ArcGIS Online or Enterprise deployment required, and if so, does ARC provide the ArcGIS Online organization and licenses, or must the consultant supply them? Are non-Esri mapping frameworks (for example, Leaflet or Mapbox consuming Esri services and ARC Open Data) acceptable, provided they interoperate with ARC's ArcGIS and Open Data feeds?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
388	PLATFORM/IT - ESRI/AGO	Existing ARC Esri / platform assets — Does ARC maintain an existing ArcGIS Online or Enterprise organization, an ArcGIS Hub or Experience Builder environment, or a DataNexus codebase or templates that the awarded consultant may build upon or reuse? Is leveraging ARC's existing Esri platform (rather than a fully custom build) acceptable or encouraged?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
389	PLATFORM/IT - ESRI/AGO	Platform preference. Does ARC prefer a solution built on its existing ArcGIS Online organization (far example, Experience Builder or Dashboards), or an open-souree or custom web stack with no per-viewer licensing? Can the consultant use ARC's ArcGIS Online organization and services, and which licence level does ARC hold?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.

390	PLATFORM/IT - ESRI/AGO	Question 1. Does "interoperability with Esri's ArcGIS Online and Open Data platforms and services" mean that the applications must read and publish ArcGIS Online services from any technology stack (for example an open-source mapping stack), or must the applications be built on Esri products?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
391	PLATFORM/IT - ESRI/AGO	Existing GIS Infrastructure: Does ARC currently maintain an ArcGIS Online or ArcGIS Enterprise environment that can be leveraged for application development, data hosting, and maintenance? If so, will the selected consultant be provided with access to the necessary services, infrastructure, and licenses?	The solution should be interoperable with ArcGIS to consume services if non-Esri based.. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
392	PLATFORM/IT - ESRI/AGO	May proposers build on ARC's existing ArcGIS Online or Enterprise organization? If so, what licenses and credits will ARC provide?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
393	PLATFORM/IT - ESRI/AGO	Does ARC currently have ArcGIS licensing?	Yes
394	PLATFORM/IT - ESRI/AGO	Are ARC staff currently using ArcGIS Online for updating datasets, creating indicators, configuring visualizations, managing metadata and geographic layers, etc?	Yes.
395	PLATFORM/IT - ESRI/AGO	Will the consultant have access to ARC's ArcGIS Online organization (for example, basemaps and hosted feature services), or should the applications use only ARC's public Open Data services and open-source basemaps, and should ArcGIS licensing costs, if any, be included in the consultant's budget?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
396	PLATFORM/IT - ESRI/AGO	ArcGIS Online. Does ARC have an ArcGIS Online organization that the new applications should read from and publish to? Is an Esri platform required, or is an open-source mapping stack acceptable as long as it works with ArcGIS Online?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.

397	PLATFORM/IT - ESRI/AGO	Is export to Esri File Geodatabase format a mandatory launch requirement? If so, will ARC provide access to Esri tooling or services that may be used to generate the export? Would GeoPackage, GeoJSON, or another open geospatial format be acceptable as an additional or alternative export?	Esri v10 file geodatabase format is the preferred data export format for geospatial data but GeoPackage and GeoJSON would be considered as additional or alternative export formats.
398	PLATFORM/IT - SECURITY	Are there security requirements for the administrative interface, such as single sign-on with ARC's identity provider, multi-factor authentication, or ARC IT security review before go-live?	The applications must implement controls as listed in NIST 800-53 (Rev. 5). Admin access should include SSO via Microsoft Entra ID IdP integration with conditional access.
399	PLATFORM/IT - ESRI/AGO	Is ARC open to modern web-mapping and open-source geospatial technologies, provided the solution satisfies Exhibit A's functional requirements and supports interoperability with Esri ArcGIS?	The solution should be interoperable with ArcGIS to consume services if non-Esri based.. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
400	PLATFORM/IT - ESRI/AGO	Are any particular Esri products, commercial licenses, or implementation technologies mandatory?	The solution should be interoperable with ArcGIS to consume services if non-Esri based. ARC will handle the data pipeline. If Esri-based, we could establish a partnered collaboration to allow vendor access to content in development. ARC will not provide licensing to vendors.
401	PLATFORM/IT - SECURITY	Security requirements. Are there security standards for hosting (SOC 2, FedRAMP, a pen test, data residency), and for the admin back end? Does ARC want single sign-on through its identity provider, and about how many admin users will there be?	The applications must implement controls as listed in NIST 800-53 (Rev. 5). Hosting should be FedRAMP compliant. Admin access should include SSO via Microsoft Entra ID IdP integration with conditional access.
402	UPDATES	Data updates during the contract. During the 12 months, does ARC expect its staff to perform the recurring data updates through the admin interface, with the consultant providing support? Or should the consultant perfarm a set number of updates (if so, how many and how often)?	Update schedule will depend on the application and implementation date. Training for ARC staff to perform recurring updates is included in the scope, with consultant providing necessary assistance and support during the contract period.
403	UPDATES	Who on ARC staff will own data updates and administration after launch? Roughly what level of GIS	ARC Research staff will be responsible for updates and administration after launch, with assistance from the vendor

		and technical skill should the admin tools be designed for?	as needed. GIS and technical skill level for the admin tools is intermediate to advanced.
404	USERS	For the secure administrative interface, does ARC have a preferred authentication method or identity provider, and how many ARC administrative users should be assumed?	SSO integration with Microsoft Entra ID is the required IdP. Total administrative user will be negotiated with the winning vendor.
405	USERS	Is a platform acceptable if public viewers are unlimited but ARC administrators require named licenses? How many ARC staff will need administrative access?	Unlimited public viewers is acceptable. The total users needing editing credentials will be negotiated with the winning vendor.
406	USERS	Should the applications be accessed under an ARC domain or subdomain?	Application access is to be determined.
407	USERS	How many total users does ARC have that need editing credentials?	Total users needing editing credentials will be negotiated with the winning vendor.
408	USERS	Based on previous user statistics, how many visits to each of the dashboards do you anticipate for the 12-month period?	We do not have usage statistics for the current tools that would provide such estimates.