



Southern Sandoval County Arroyo Flood Control Authority
1041 Commercial Dr. SE
Rio Rancho, NM 87124
505-892-7246

RFP 2026-05
Design and Engineering Services for
North Hills Off-Channel Pond

Non-Mandatory Pre-Proposal Conference

September 22, 2026 - 10:00 AM

General RFP Information

- ▶ Please sign in. This presentation will be made available on SSCAFCA's website before close of business today.

- ▶ Introductions/Key Personnel
 - ▶ Andres Sanchez – Design Services Director
 - ▶ Junko Nishida – Staff Engineer
 - ▶ Erica Baca – Chief Procurement Officer

- ▶ Overview: SSCAFCA requests qualification based competitive sealed proposals for Design and Engineering Services for North Hills Off-Channel Pond.

- ▶ Funding: This is a federally funded & capital outlay project. Funding for this project is provided by the New Mexico Department of Homeland Security, the state agency that administers the Federal Emergency Management Agency's Hazard Mitigation Grant Program.

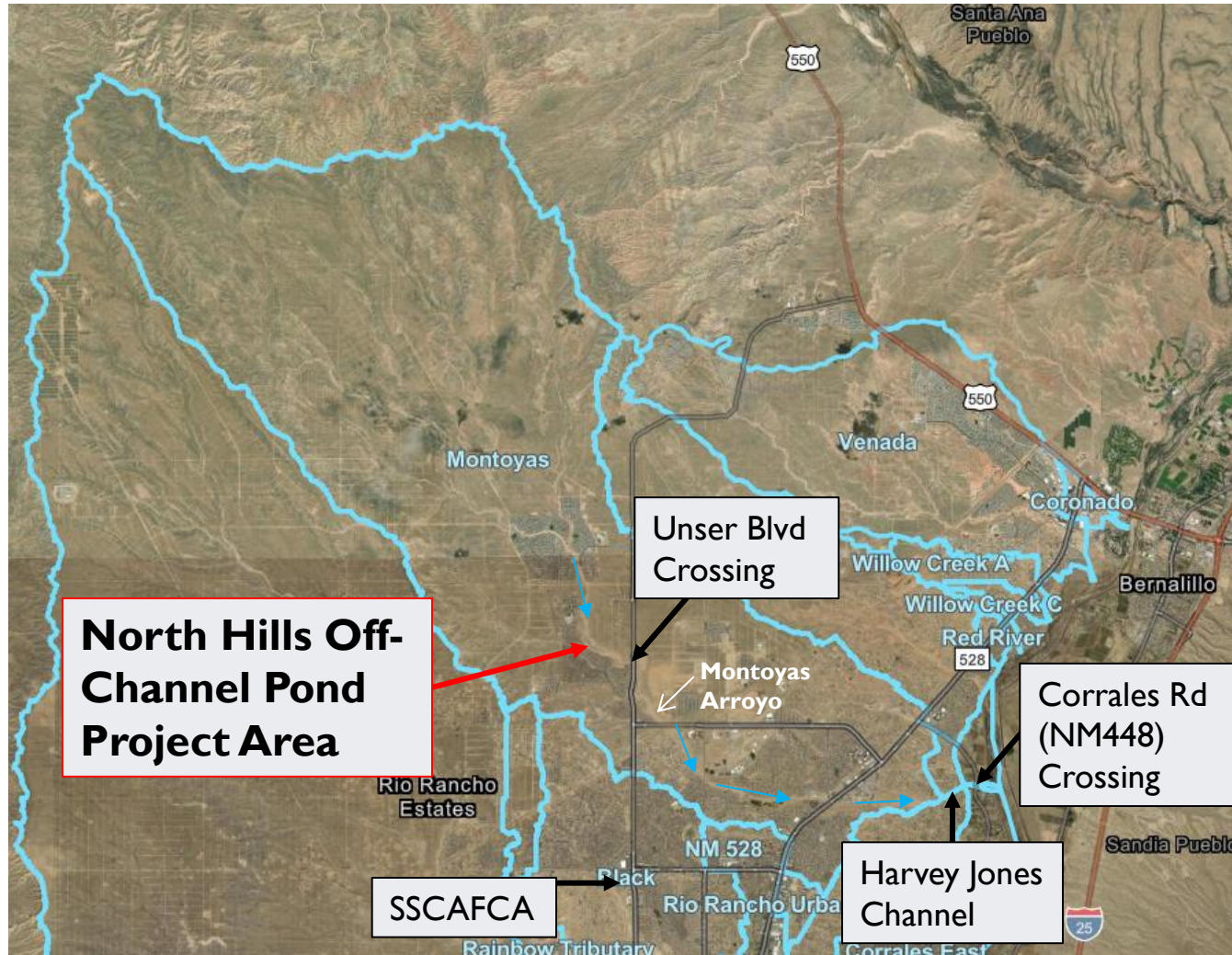


Why is this project necessary?

- ▶ To reduce the 100-year peak discharge to the maximum extent possible, with the objective of reducing, or fully resolving, the Harvey Jones Channel capacity constraints (overtopping) at Corrales Road (NM448) and the existing conditions capacity constraint at the intersection of the Montoyas Arroyo and Unser Blvd.
- ▶ See Montoyas Arroyo Watershed Park Management Plan, available here: https://www.sscafca.org/wp-content/uploads/2024/08/Montoyas_WMP_Apr2021.pdf).



Montoyas Arroyo



RFP Considerations

- ▶ RFP Section 1.2 - Point of Contact

Erica Baca, Chief Procurement Officer

ebaca@sscafca.com

- ▶ RFP Section 1.3 – Proposal Due Date

October 23, 2026 at 3:00pm Local Time at SSCAFCA's Office



RFP Considerations (continued)

▶ RFP Section 1.4 – Submittal Format

Offeror must submit one (1) electronic PDF of the proposal on a USB Flash Drive and one (1) paper copy of the electronic version.

▶ RFP Section 1.6 – Page Limit & Page Count

Proposals shall be limited to twelve (12) numbered pages, not including the Table of Contents, dividers, front/back covers, and any documentation listed in Section 4.3. A cover letter is not required and is not part of the scoring categories. If a cover letter is included, it will count against the 12-page limit.

- ▶ Letter format (8-1/2" x 11") pages shall count as one (1) numbered page.
- ▶ Tabloid format (11" x 17") pages shall count as two (2) numbered pages.
- ▶ ANSI D format (22" x 34") pages shall count as four (4) numbered pages.



RFP Considerations (continued)

- ▶ RFP Section 2.2 - Federal Funds - Because this project incorporates federal funding, the selected Offeror will be required to comply with the applicable federal requirements. This project is wholly or partially funded with United States Federal Emergency Management Agency funds, and therefore must comply with all federal cross cutter requirements.
- ▶ This procurement and subsequent contract will be subject to regulations contained in 2 CFR part 200. Language from 2 CFR part 200 is incorporated into Appendix D, provided on the RFP website.



RFP Considerations (continued)

RFP Section 2.3 Project Timeline

The selected consultant will be required to provide final deliverables by or before December 1, 2027.

RFP Section 2.4 – Engineering Design Objective:

- ▶ H&H Analysis & Reporting
- ▶ Construction Plans, Specifications, and Cost Estimates
- ▶ Solicitation of Public Input
- ▶ Benefit Cost Analysis Support
- ▶ Environmental Permitting
- ▶ Construction Phase Services



RFP Considerations (continued)

► H&H Analysis & Reporting Anticipated Final Deliverables:

1. Design Alternatives Analysis Memo
2. Hydrology & hydraulics report - DAR
3. Functioning H&H model files in native software digital format
4. GIS files of terrain and flood water elevations
5. Model inputs and outputs (result datasheets, tables, charts, maps, graphs of water surface elevations, velocities, and discharges). This includes spreadsheets used to perform calculations such as scour.
6. Map/locations of model nodes/stations



RFP Considerations (continued)

▶ Construction Plans, Specifications and Cost Estimates

▶ Anticipated Final Deliverables:

1. Stamped Planset and Specifications
2. Engineer's Opinion of Probable Costs (stamped)
3. Design Summary Report (stamped)
4. Bid and Contract Documents, Volume 2 (stamped)
5. Geotechnical Report (stamped)
6. Subsurface Utility Engineering Report (stamped)



RFP Considerations (continued)

▶ Solicitation of Public Input Anticipated Final Deliverables:

1. Completion of one (1) public meeting.
2. Written summary of Public Meeting (meeting minutes), including sign-in sheet, public comments, and agency responses from the public meeting.



RFP Considerations (continued)

- ▶ **Benefit Cost Analysis Support Anticipated Final Deliverables:**
 1. Interpretation of the construction cost estimate and hydraulic model and coordination with SSCAFCA staff to support SSCAFCA's BCA development.

- ▶ **Environmental Permitting Anticipated Final Deliverables:**
 1. Cultural Resources Report
 2. Biological Evaluation Report
 3. Preparation of FEMA environmental compliance documents



RFP Considerations (continued)

► Construction Phase Services

No deliverables under the current project phase.

Deliverables for construction phase services will be negotiated at a later date if Phase 2 grant is awarded.



RFP Considerations (continued)

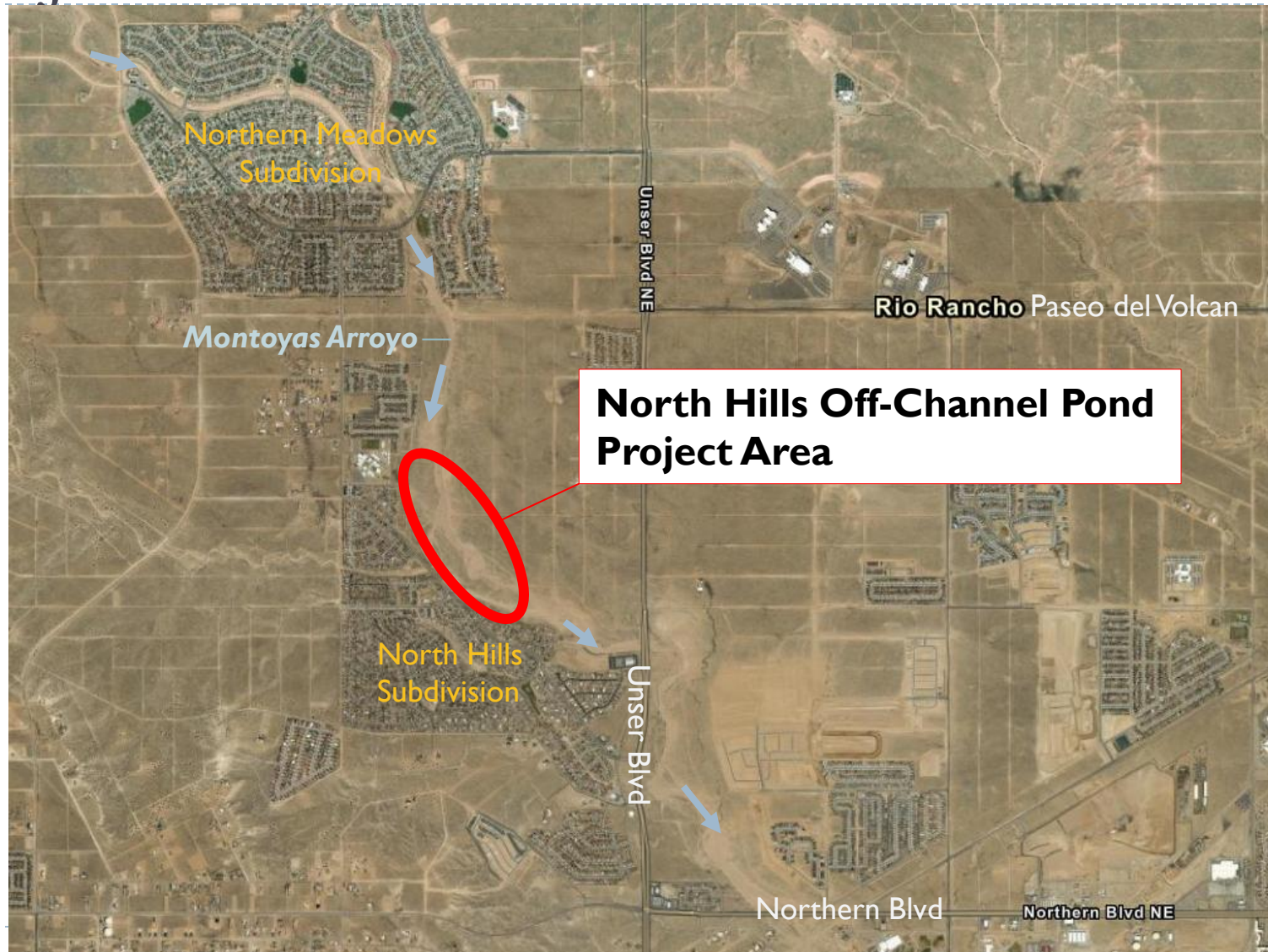
- ▶ RFP Section 4.4.7 - Volume of Work –

Each Offeror will be ranked based on the volume of work previously done for SSCAFCA which is not seventy-five percent complete with respect to basic professional design services and has not been billed as of the due date for submittals for this RFP.

- ▶ SSCAFCA Fiscal Services Department will evaluate each Offeror's volume of work previously awarded, which is not 75% complete and apply point deductions accordingly. The Offeror is not required to provide this information in their Proposal.



Project Reach



Hydraulic Analysis for Montoyas Arroyo to Harvey Jones Channel (Existing Conditions)

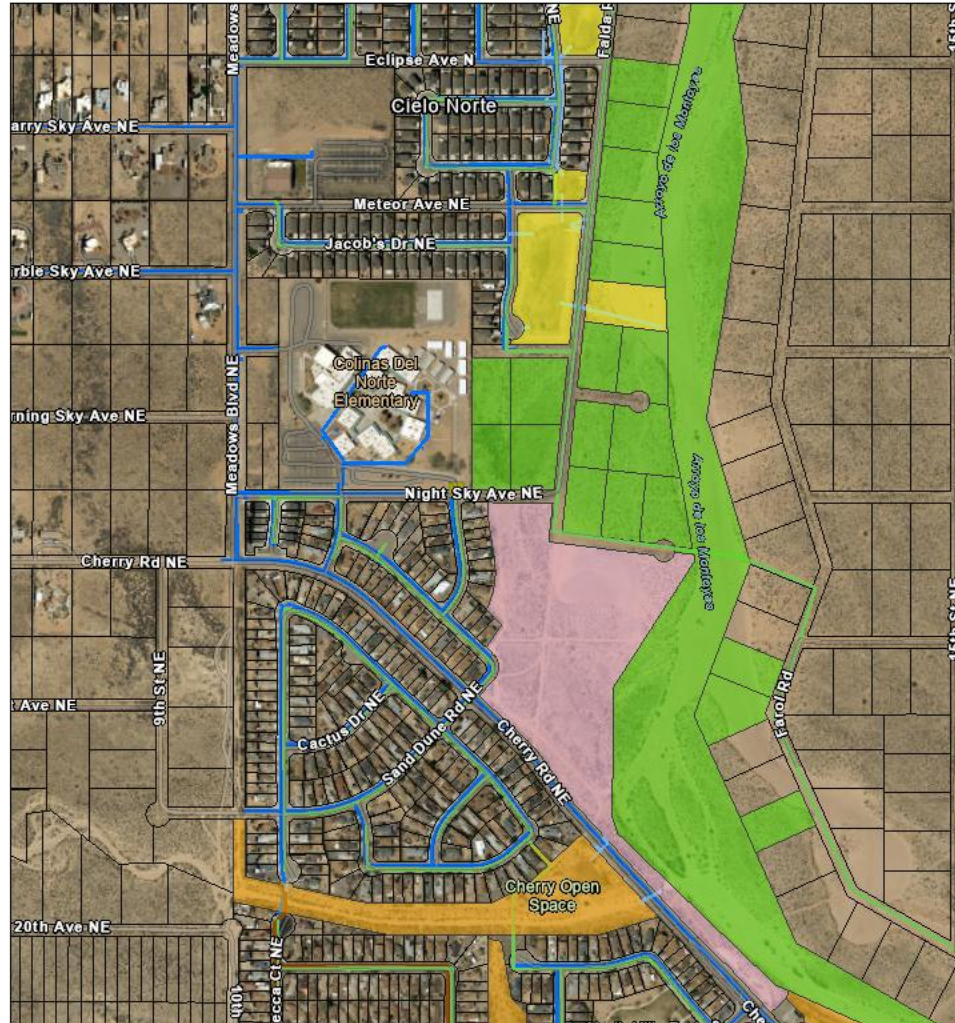
- ▶ An existing conditions 2-dimensional hydraulic analysis of the Harvey Jones Channel at NM448 was completed in 2025, demonstrating the Harvey Jones Channel deficiencies.
- ▶ Existing Conditions Hydraulic Analysis Report: Montoyas Arroyo, Harvey Jones Channel (BHI, 2026)

Available on our website:

- ▶ https://www.sscafca.org/wp-content/uploads/2026/09/20250184_MonotyasHJC_HydraulicAnalysisReport-REV.pdf
- ▶ Supporting HEC-HMS & HEC-RAS Models available on our website for download:
 - ▶ <https://www.sscafca.org/request-for-proposals-rfp-2026-05-north-hills-off-channel-pond/>

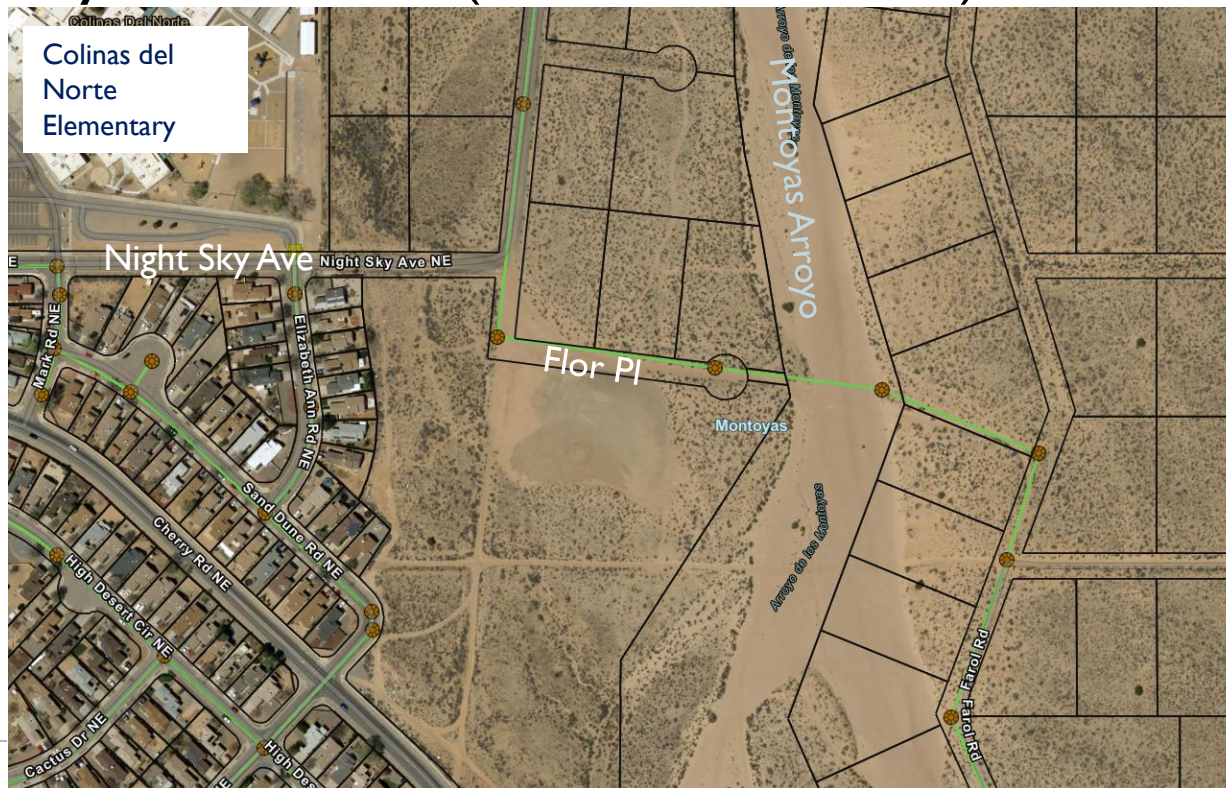


SSCAFCA Land Holdings



CoRR Sanitary Sewer Line Crossing

- ▶ The proposed off-channel detention pond must allow for continuous operation of the existing sanitary sewer interceptor line crossing the Montoyas Arroyo east of Night Sky Avenue NE (via Flor Place NE).



RFP Schedule

Date	Action	Notes
September 22, 2026	Non-Mandatory Pre-Proposal Conference	
September 25, 2026	Deadline to Submit Written Questions	Submit to ebaca@sscafca.com – will send reply with confirmation
October 2, 2026	Response to Written Questions	Will be issued as Addenda
October 2, 2026	Last day for Issuance of RFP Addenda	Addenda will be posted to SSCAFCA website, no formal notification will be made to individual Offerors
October 23, 2026	Submission of Proposals	SSCAFCA Office before 3:00P
Week of November 9, 2026	Notify Offerors of Selection	
November 19, 2026	SSCAFCA Board Approval	
December 1, 2026	Finalize Contract	Funding Agency approval req'd

Section 4.4.4 Technical Approach

- ▶ Describe the Offeror's technical approach to achieve the design and engineering objectives outlined in Section 2.4 above, including a narrative and/or basic schematic on proposed design solution(s).
- ▶ The proposed design solution(s) should target a construction cost not to exceed \$6,000,000, in order to maintain a qualifying Benefit-Cost Ratio, per the awarded FEMA grant.



Scoring Criteria

MANDATORY SUBMITTAL REQUIREMENTS		
<i>RFP Section</i>	<i>Description</i>	<i>Evaluation Method</i>
4.3.1	Required Information Form - Appendix A	Pass/Fail
4.3.2	Campaign Contribution Disclosure - Appendix B	Pass/Fail
4.3.3	Federal Forms - Appendix C	Pass/Fail
4.3.4	Proof of Insurance	Pass/Fail

SCORING CATEGORIES		
<i>RFP Section</i>	<i>Description</i>	<i>Max. Possible Points</i>
4.4.1	Specialized Design & Technical Competence	15
4.4.2	Capacity and Capability	15
4.4.3	Past Record of Performance	15
4.4.4	Technical Approach	30
4.4.5	Proximity to, or Familiarity with SSCAFCA's Jurisdiction	5
4.4.6	Amount of Work to Be Produced in New Mexico	5
4.4.7	Current Volume of Work with the Contracting Agency Not 75% Complete	5
4.4.8	Quality and Content of Proposal	5
4.4.9	References	5
TOTAL POINTS POSSIBLE (TPP)		100

► **QUESTIONS?**

