

Tanana Chiefs Conference Request for Proposals Battery Energy Storage System (BESS) & Independent Power Producer (IPP) Controller

Addendum Number Two (2)

October 2, 2025

The following corrections, changes, additions, deletions, revisions, and /or clarifications are hereby made as part of the request for proposals from the TCC Battery Energy Storage System (BESS) & Independent Power Producer (IPP) Controller.

Firms providing a proposal will acknowledge receipt of this addendum via email to Cortnie Doan at the following; cortnie.doan@tananachiefs.org

Final proposals to be emails to; cortnie.doan@tananachiefs.org

AD2-1 Question: Controller, can you please indicate which sites have an existing site controller and any relevant information for that controller?

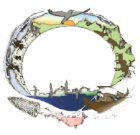
AD2-1 Reply: All sites have existing generator controllers. The proposer is to integrate an Intellineo 6000 or equivalent controller to control the dispatch of the Solar PV, BESS, and diesel generators; as described in the technical attachment documents.

AD2-2 Question: Controller, can you please indicate which sites are planning for renewable energy additions? What provisions are required for those assets to be integrated into the site control system?

AD2-2 Reply: All seven communities are planning renewable energy additions.

AD2-3 Question: RFP parameters, On RFP under section #3 (Scope of Work), B,

- a. please define specific items that are included in the term "Interconnection Components and equipment". (These items are noted as being provided by Utility company) – Can you confirm this RFP ends at the PCC (Point of Coupling) [That is correct, the RFP ends at the point of common coupling; but the contractor is required to work with TCC & the Utility to ensure successful interconnection.](#)
 - b. Is the AVEC block diagram consistent with what is being expected at the other four sites and do you have diagrams to demarcate differences if different. Our scope stops at PCC, we are not expected to install and work inside the powerplant. [Contractor will be required to perform inside the powerplant is the installation of the controller & coordination with the electric utility/powerplant operators.](#)
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- c. Please clarify if we need to provide certain cable lengths to ensure they are long enough to make it to the powerplant? [Contractor to provide cable length, as per code, and to correct length \(plus additional to account of ground movement\).](#)

[AD2-3 Reply: "See Above"](#)

AD2-4 Question: Utility, what four Utility companies to the following locations will we need to coordinate with for the BESS Utility tie-in points?

- a. Fort Yukon- [Gwitchyaa Zhee Utility Company](#)
- b. Ruby- [City of Ruby](#)
- c. Venetie- [Venetie Tribal Government](#)
- d. Tok- [AP&T \(Alaska Power and Telephone\)](#)

[AD2-4 Reply: "See Above"](#)

AD2-5 Question: Connection Points, for the 480vac connection sites, Ruby, Grayling, Huslia, Minto & Venetie (Site connection voltage clarified in Addendum 1) Are there 480v connection points available in existing gear for each site?

- a. Ruby
- b. Grayling
- c. Huslia
- d. Minto
- e. Venetie

[AD2-5 Reply: Upon contractor providing design of the BESS \(up to point of isolation transformer equals point of demarcation\); and once TCC selects a contractor/s we will begin complete design of the BESS & how it ties into the existing gear for each site.](#)

AD2-6 Question: Responsibility Matrix AVEC sites, at the AVEC sites, (Grayling, Minto, Huslia) Attachment F shows a responsibility Matrix. Some items on the block diagram indicate referencing the responsibility matrix. However, there are many items on the block diagram at the AVEC plant site or in the AVEC power plant that do not refer to the responsibility matrix. There is double asterisk (**) that indicates items with-out reference to the responsibility matrix are to be supplied and install by "Either AVEC or Contractor". Can you confirm who will be responsible for supplying and installing these items?

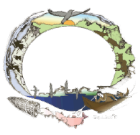
[AD2-6 Reply: At this time this is a preliminary responsibility matrix and final roles/responsibilities will be determined when the contractor/s are selected.](#)

AD2-7 Question: Output metering, for non-AVEC sites regarding BESS output metering required? (Similar to the AVEC sites and attachment A)

[AD2-7 Reply: Yes, BESS output metering is required.](#)

AD2-8 Question: Metering, for non-AVEC sites regarding BESS "Facility" loads, is metering required? (Similar to the AVEC sites and attachment A)

[AD2-8 Reply: Yes, BESS "facility" loads metering is required.](#)



AD2-9 Question: BESS locations, Attachment A – Ruby, Huslia, Tok, Venetie – can you show on Attachment A where the power plants are located in relation to the proposed BESS locations?

AD2-9 Reply: “See updated” “Revised Attachment A” page 2, 3, 4, 5 and 7.

AD2-10 Question: Tok, at Tok Location, (12,470vac tie-in)

- a. Who is supplying the dedicated transformer as noted in AD1-12 Reply? [The contractor for the separate Solar RFQ is supplying the dedicated transformer.](#)
- b. If contractor supplied, what size is required if this same transformer will be used for the future Solar? [See answer above.](#)
- c. Since the BESS is 2.5 miles from power plant, what are the options for routing communication lines required between the power plant Generators and new BESS? (Responsibility has been identified in AD1-9 reply) [Fiber or Starlink.](#)

AD2-10 Reply: “See Above”

AD2-11 Question: Fort Yukon, at Fort Yukon location, (4.16kv tie-in)

- a. Addendum 1, AD1-23 reply notes “There will be a recloser outside of the powerplant in Fort Yukon, these drawings are currently being updated.
 - i. Is supplying and installing this reclosure included in this RFP? [Supplying and installing the recloser is outside the scope of this RFP.](#)
 - ii. We’ve noted in Fort Yukon drawing there is a recloser in the site map but not in the SLD? [See answer above.](#)

AD2-11 Reply: “See Above”

AD2-12 Question: Permitting, can we assume a fire marshal permit is going to be required for all sites?

AD2-12 Reply: Yes, the contractor must submit and provide copies of the fire marshal permits for all sites.

AD2-13 Question: Drawing Updates, is there a timeframe on when the drawings will be updated? Is that just for the Fort Yukon drawing mentioned or all sites?

AD2-13 Reply: Drawings will be issued to awarded contractor and between December 2025-February 2026.

AD2-14 Question: Connections, the drawings are not showing for certain demarcation connections. Can it be shown how the connections are going to be made to the utility?

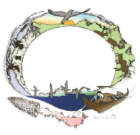
AD2-14 Reply: Demarcation will be detailed upon updated drawings, refer to answer above.

AD2-15 Question: Project Schedule & Completion The RFP specifies commissioning by mid-summer 2026. Given that some equipment such as BESS units may have manufacturer lead times exceeding 34 weeks, would TCC consider adjustments to the commissioning schedule (e.g., into 2027) if logistics (such as barge or ice-road transport) dictate later delivery windows?

AD2-15 Reply: Yes, TCC will consider adjustments to the commissioning schedule.

AD2-16 Question: Solar PV Integration the RFP notes that the solar project will be administered separately, with coordination facilitated by TCC. Will detailed PV system design information (size, output, interconnection point) be shared with the selected contractor to enable proper BESS dispatch modeling and survivability analyses?

AD2-16 Reply: Detailed PV System PV design will be shared upon selection.



AD2-17 Question: Transportation Logistics – Ice Roads Attachment B specifies weight and delivery method limits, including barge, fly-in, and road access. Could TCC confirm whether ice road transport is anticipated or permissible for any of the seven communities, or whether only the listed barge/fly-in/road access modes should be assumed?

AD2-17 Reply: There are no ice-roads for any of the seven communities.

AD2-18 Question: Battery Chemistry Requirements Attachment B specifies “liquid cooled / lithium-ion” chemistry. Is lithium-ion a mandatory requirement, or will alternative chemistries (e.g., sodium-ion, which can be stored/transported at 0% SOC) be considered if they meet or exceed performance and safety requirements?

AD2-18 Reply: Only lithium-ion chemistries will be allowed.

AD2-19 Question: Local Electrical Workforce Each community has an existing diesel generation plant. Does TCC anticipate that plant staff will be available and eligible for training to support ongoing BESS O&M (e.g., bi-annual maintenance for warranty compliance)?

AD2-19 Reply: Yes, the plant staff will be available and eligible for training.

AD2-20 Question: Local Carpentry & Building Services the RFP requires installation of conditioned BESS enclosures meeting environmental standards. Does TCC expect local carpentry or construction workforce capacity in each village that could be subcontracted for enclosure construction and ongoing maintenance, or should proposers assume external labor?

AD2-20 Reply: TCC expects contractor to meet TCC’s native hire preferences but proposer to decide if they are to go with local subcontractors or external labor.

AD2-21 Question: Site Preparation & Foundations the RFP requires the contractor to provide and install BESS foundations. Could TCC provide clarification on whether geotechnical reports for each site will be made available, or should proposers budget for site-specific soil investigation?

AD2-21 Reply: Geotechnical reports are not available. That is the responsibility of the contractor.
