KDFN's Heritage, Lands and Resources Department is looking to contract a Fisheries Biologist and Technical Support to support KDFN's participation in the Yukon Energy Corporation Relicensing of Whitehorse Rapids Generating Station.

The contract is to March 31st, 2025. The successful contractor is expected to have experience working with First Nation governments in fisheries projects, particularly related to hydro-electric development. The Fisheries Biologist and Technical Support will work with KDFN's Technical Lead to represent KDFN's interests in multi-party Technical Working Group meetings and support KDFN's review of regulatory applications.

If interested, contact Project Manager and Technical Lead by August 9th, 2024:
Meagan Grabowski, meagangrabowski@gmail.com

SCHEDULE A
SCOPE OF SERVICES

In accordance with instructions provided by the Heritage, Lands and Resources Representative, the Consultant shall pursue the following objectives on behalf of Kwanlin Dün First Nation:

Kwanlin Dün First Nation Fisheries Biologist and Technical Support: Yukon Energy Corporation Relicensing of the Whitehorse Rapids Generating Station (WRGS)

Background & Context:

Since 2022, KDFN has been participating in technical, negotiation and leadership-level discussions with TKC, C/TFN, YEC and YG (Project Parties) for the relicensing of the Whitehorse and Lewes Dams. YEC's current water license for the dams was issued in 2000 and is scheduled to expire on May 31, 2025. To meet this timeline, YEC submitted a project proposal to YESAB on December 8th, 2023. In addition to YESAB, YEC will submit a Water Use Licence application to the Yukon Water Board, and will require authorizations under the Fisheries and Navigable Waters Act.

This is KDFN's first opportunity to be involved in the relicensing processes for the dams since signing the Final and Self-Governing Agreements in 2005. At the 2019 KDFN General Assembly, two resolutions were passed seeking the acknowledgement of historic and ongoing impacts of the dams and reconciliatory action and compensation for those impacts. In early 2022, KDFN Council approved a Project Charter to guide KDFN's planning and participation in the project. The charter outlines objectives and guiding principles for KDFN's participation. A Framework Agreement signed among the Project Parties in Fall 2022, established the Senior Officials Group (SOG) and Technical Working Group (TWG) in which each Party has representation.

With direction from HLR and in collaboration with the Project Manager and Technical Lead, the Fisheries Biologist and Technical Support will coordinate KDFN involvement in the Relicensing Project as it pertains to fish and fish habitat including KDFN broad values related to fish and fish

habitat. The Fisheries Biologist will represent KDFN at collaborative multi-party tables to ensure that KDFN's unique community interests, values and needs are represented.

Description of Services:

Under this contract, the Consultant will work with the KDFN Project Team to:

1. Participate in multi-party Technical Working Group (Joint Table among Project Parties) and provide review and guidance for relevant assessment and regulatory processes including but not limited to:
    - Collaborative development of a Monitoring and Adaptive Management Plan (MAMP);
    - Yukon Water Board Water License application;
    - DFO Fisheries Act Authorization application;
    - Oversee implementation of the Monitoring Agreement including MAMP including additional studies (Southern Lakes Traditional Land Use study, Fish Ladder Optimization);
    - Attend TWG meetings as needed and provide technical review, advice, and risk discussions with KDFN project team;
    - Support with authorizations as requested (Fisheries Act and Navigable Waters Act) and Water Board Hearing.

KDFN expects that performance of the services will include the following:

- Review relevant background materials (KDFN Project Charter, GA Resolutions, previous studies conducted, technical reports);
- Providing review, input, and comment on YEC Technical Documents shared within the TWG;
- Supporting recommendations to undertake and/or oversee additional studies and analyses KDFN determines are necessary to address key project questions/interests;
- Compile and share project-related information amongst the Parties where appropriate;
- Participate in project technical workshops and meetings as required as a representative of KDFN;
- Communicate and work directly with project team members and contracted specialists, including briefings from each meeting attended and regular updates for HLR and Leadership;
- Working to ensure the incorporation of KDFN values and knowledge in all work conducted;
- Advise on other project-related technical matters as requested;
- Perform other activities and duties as needed, within the position's mandate.

Qualifications & Experience:

The successful contractor is expected to have experience working with First Nation governments in fisheries projects, particularly related to hydro-electric development.

The contractor is expected to have specialized knowledge and experience in one or more related technical disciplines relevant to the project which may include:

- Fish including but not limited to Chinook salmon;
- Aquatic environments;
- Physical environment (e.g., climate, hydrology, hydrogeology, geomorphology, water quality, ice processes, erosion and sedimentation);
- Traditional Land, Water, and Resource Use;
- Current Land, Water, and Resource Use;
- Risk-based decision processes, precautionary and limits of acceptable change principles;
- Cumulative and residual effects analysis, and mitigation strategies;
- Traditional/Indigenous knowledge integration;
- Traditional / current land, water and resource use assessment;
- Monitoring and adaptive management plan development;
- Dam safety and best management practices for the maintenance and operation of dams and related water retaining/control structures;
- Eco-hydraulic engineering.

Scope of Contract Assumptions:

- Contract to March 31st, 2025
- 15-20 hours monthly
- Contract change orders or amendments can be negotiated as needed.