



"A WORLD OF OPPORTUNITIES WITHIN OUR REGION"

REQUEST FOR PROPOSAL – WATER UTILITIES SUPERVISORY CONTROL AND DATA ACQUISITION SYSTEM (SCADA)

Located at Fort Fraser

Solicitation # RDBN-FFWT-25-01

Regional District of Bulkley-Nechako

Request Issued: September 16, 2025

**Closing Date: October 15, 2025
4:00 pm (Pacific Standard Time)**

Contact: Janette Derksen, Waste Diversion Supervisor
bid@rdbn.bc.ca

WWW.RDBN.BC.CA

INFO@RDBN.BC.CA

1-250-692-3195

1-800-320-3339

37 3RD AVE, PO BOX 820 BURNS LAKE, BC V0J 1E0

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1 PROJECT SUMMARY

The Regional District of Bulkley-Nechako (the Regional District) is seeking a qualified proponent to design, develop, and install a Supervisory Control and Data Acquisition (SCADA) system as typically used in a municipal environment for the Fort Fraser Water Utilities. The SCADA system should accommodate access to control pumps, sensors, alarms, and chlorine dosing from both the head office in Burns Lake (desktop computer) as well as remote access (mobile device). System data must be recorded and provide access to the historical data quickly with downloading capabilities. We are open to recommendations to allow better monitoring and system management.

The proponent should feel comfortable providing additional recommendations to bring the current system up to utility sector standards, including additional cost estimates and rationale for proposed scope amendments to work already included in this SCADA RFP.

Proposals that include ongoing support for system trouble shooting and training will receive higher scores in the evaluation process.

2 BACKGROUND

The Regional District owns and operates the Fort Fraser utility systems. The systems currently serve 135 residential properties and ten (10) non-residential properties, including a community hall, gas station/convenience store, laundromat, fire hall, and several churches.

The entire water distribution system was replaced in 2018/19. The water is supplied by two (2) deep (500') wells located at 2837 Spiller Rd. north of the service area. This location includes a pump house, 80' tower reservoir and primary (6" dia.) and secondary (4" dia.) pumping system both running with 20hp pumps. The distribution pipes are gravity fed and chlorinated via 2 chlorination dosing pumps.

The Regional District recognizes the need for onsite monitoring and is considering a remote monitoring system to improve control over supply needs. The pump house may require upgrades to accommodate a SCADA system. Please see Appendix F for photos of the pump house components.

3 TERMS AND CONDITIONS

The terms and conditions applicable to this Request for Proposals are contained within this document. Submission of a proposal in response to this RFP indicates acceptance of all terms and conditions contained herein or in any addenda issued by the Regional District.

4 CANCELLATION OF RFP

The Regional District reserves the right to cancel this Request for Proposals at any time and for any reason and will not be responsible for any direct or indirect loss, damage, cost, or expense incurred or suffered by any Proponent because of such cancellation. The acceptance of any proposal and the subsequent execution of a contract may be subject to funding and approval by the Board of the Regional District of Bulkley-Nechako.

5 SUBMISSION GUIDELINES

The Regional District invites the submission of proposals from qualified and experienced contractors as outlined in this document.

The Regional District will accept Proposals submitted by email or by direct delivery (in person or by

courier/mail) to the Regional District main office at 37 3rd Avenue Burns Lake.

All proposals must be submitted to the Regional District by 4:00 pm (local time) on Wednesday, October 15, 2025

Proposals submitted by fax will **NOT** be accepted. Any Proposals received after the closing time will be considered disqualified.

By Email

One (1) single PDF file containing your submission must be delivered to the Regional District by email at bid@rdbn.bc.ca. The Regional District will confirm receipt of emails.

By Direct Delivery (Hand Delivered, Mail or Courier)

One (1) complete copy of your submission must be submitted in a sealed envelope with the following information written on the outside of the envelope containing the proposal, as well as on the outside of the courier envelope/box (if sending by courier):

Attention: Procurement Clerk
Regional District of Bulkley-Nechako
37 3rd Avenue Burns Lake, BC V0J 1E0

Regional District of Bulkley-Nechako – **Water Utilities
Supervisory Control and Data Acquisition System (SCADA)**
Request for Proposal
Responding Organization's name and address.

Inquiries regarding the RFP may be directed by email to bid@rdbn.bc.ca.

Please note that questions related to this Request for Proposals will be accepted up to 4:00 pm on October 1, 2025. This will allow the answers to questions asked to be properly distributed to all interested parties via BC Bid.

Proponents shall be solely responsible for the delivery of their proposal in the manner and time prescribed. All submissions must be delivered according to the instructions provided herein and the Regional District will accept no responsibility for documents delivered to any other location.

To ensure your receipt of any answers to questions asked or addendums issued, you must fill out and return the attached reply form to bid@rdbn.bc.ca.

Failure to submit a properly filled out reply form absolves the Regional District of any obligation to provide addendums to Proponents wishing to submit a proposal.

See Appendix A for the Proposal Reply Form

6 ADDENDA

Addenda to this RFP may be issued prior to closing in response to queries received or at the initiative of the Regional District. Addenda will be in written form posted on BC Bid and the Regional District website. Information contained within RFP addenda is considered an integral part of the RFP and should be

considered by Proponents when responding to this RFP.

All final Addenda will be issued and posted on BC Bid and the Regional District website by 4:00 pm on October 7, 2025.

Verbal communications will not be binding unless confirmed by written addenda.

It is the sole responsibility of the Proponent to check for addendums.

7 SITE TOUR

A site tour is not mandatory, however if a proponent wishes, a visit can be arranged by contacting Janette Derksen at the Regional District office at 250-692-3195 or 1-800-320-3339, or by emailing bid@rdbn.bc.ca

8 ALTERNATIVE SOLUTIONS

If alternative solutions are offered, the information should be submitted in the same format as a standard proposed response but should be clearly marked as an "Alternative Proposal". If a Proponent submits more than one proposal each must be separately and uniquely identified.

9 ARTIFICIAL INTELLIGENCE

Proponents must note in their bid documents if they have used any artificial intelligence in the development of their submission, and if so, confirm they have verified and validated the information received through artificial intelligence, prior to including it in their submission.

10 CHANGES TO PROPOSALS

By written notice submitted prior to the closing date, a Proponent may amend or withdraw its proposal. Upon closing, all proposals become irrevocable and may not be amended or withdrawn except where the Proponent and the Regional District have mutually agreed to a change for the purpose of entering into a contract.

Information obtained from any other source is not official and should not be relied upon.

11 PROPONENTS' EXPENSES

The Regional District will not be responsible for any costs incurred by the Proponents as a result of the preparation or submission of a Proposal pertaining to this RFP. The accuracy and completeness of the Proposal is the Proponent's responsibility. If errors are discovered, they will be corrected by the Proponent at their expense.

Proponents acknowledge that the Regional District, in preparation for the RFP supply of oral or written information to Proponents, review Proposals or the carrying out the Regional District's responsibilities under this RFP, does not owe a duty of care to the Proponents.

12 CONFIDENTIALITY OF INFORMATION

In accordance with the Freedom and Information and Protection of Privacy Act, the Proponents will treat as confidential and will not, without prior written consent of the Regional District, publish, release, or disclose, or permit to be published, released, or disclosed, any information supplied to, obtained by, or which comes to knowledge of the Proponents as a result of this RFP except insofar as such publication, release or disclosure is required by the laws of British Columbia.

13 OWNERSHIP OF PROPOSALS AND FREEDOM OF INFORMATION

All Proposals submitted under this RFP become the property of the Regional District and will not be returned to the Proponent. The Regional District advises Proponents that parts or all their Proposals may be subject to the provisions of British Columbia's Freedom of Information and Protection of Privacy Act (FIPPA) and the Community Charter. Proponents who wish to ensure parts of their Proposals are protected from disclosure under the FIPPA Act should specifically identify any information or records provided with their Proposals that constitute a) trade secrets, and b) that are supplied in confidence, and c) the release of which could significantly harm their competitive position. Information that does not meet all three of the foregoing categories may be subject to disclosure to third parties. Please refer to the Freedom of Information and Protection of Privacy Act for further information. The Regional District cannot guarantee that any information contained within a proposal will remain confidential if a request for access is made.

14 ACCEPTANCE OF PROPOSALS

This RFP should not be construed as an agreement to purchase goods or services nor as an invitation to perform any service for the Regional District except as specifically outlined herein. Proposals shall remain open for acceptance by the Regional District for a minimum of 60 days after the RFP closing date.

The Regional District's intent is to enter into a contract with the Proponent who has submitted the best value proposal. The Regional District reserves the right to accept any or none of the Proposals submitted and will evaluate Proposals based on the best value offered to the Regional District and not necessarily the lowest price, using the criteria specified in this RFP.

The Regional District reserves the right in its sole unrestricted discretion to:

- a) Reject any and/or all irregularities in a proposal submitted.
- b) Waive any defect or deficiency in a proposal whether that defect or deficiency materially affects the proposal and accept that proposal.
- c) Reject any and/or all Proposals for any reason, without discussion with the Proponent(s); and
- d) Accept a proposal which is not the lowest price proposal.

In addition to any other provision of this RFP, the Regional District may, at its absolute discretion, choose not to consider a Proposal if the Proponent, or any officer or director of the Proponent, is or has been engaged directly or indirectly in a legal action against the Regional District in relation to any matter.

Proponents should not attempt to solicit any members of the elected Board of Directors or employees of the Regional District. Any solicitation may result in the Proponent being removed from consideration.

15 EVALUATION CRITERIA

Proposals will be ranked on a points basis with criteria including cost, qualifications (personnel), availability, experience, and quality of proposal. The Proposal Evaluation Form is a tool to assist in the evaluation process; however, it is not the sole determining factor in the evaluation process.

See Appendix A for the Proposal Evaluation Form

16 CONFLICT OF INTEREST

When submitting a Proposal, the Proponent must complete, sign and include with their Proposal a Conflict of Interest Disclosure Statement (Appendix "C").

The Regional District may reject a Proposal based on an actual, potential, or perceived conflict of interest.

The Regional District may reject any Proposal where:

- a) One or more of the directors, officers, principles, partners, senior management employees, shareholders, or owners of the Proponent, is an officer, employee, or director of the Regional District or a consultant involved in the procurement process, or is a member of the immediate family of an officer, employee or director of the Regional District or a consultant involved in the procurement process; or
- b) In the case of a Proposal submitted by a Proponent who is an individual person, where that individual is an officer, employee, or director of the Regional District or a consultant involved in the procurement process or is a member of the immediate family of officer, employee, or director of the Regional District or a consultant involved in the procurement process.

(collectively, "Restricted Parties")

A Proponent who has any concerns regarding whether a current or prospective employee, advisor, or member of that Proponent is, or may be, a Restricted Party, should request an advance decision by submitting to the Chief Administrative Officer (CAO), not less than ten working days (**September 29, 2025**) prior to the Closing Time, by email, the following information:

- a) Names and contact information of the Proponent and the person which the advance opinion is requested;
- b) A description of the relationship that raises the possibility or perception of a conflict of interest or unfair advantage; and
- c) Copies of any relevant documentation

The Regional District may make an advance decision regarding whether the person is a Restricted Party, and whether the Regional District will reject a Proposal based on the information provided. If Proponent has identified an actual, perceived or potential conflict of interest regarding this RFP process or project, the Proponent must submit a Conflict of Interest Disclosure Statement (Appendix "A") to the CAO by October 8, 2025.

17 SUBCONTRACTORS

All subcontractors, including affiliates of the Proponent, should be clearly identified in the Proposal as per the form attached as Appendix "D"

A Proponent may not subcontract to a firm or individual whose current or past corporate or other interests, may, in the Regional District's opinion, give rise to an actual, perceived or potential conflict of interest in connection with the services described in the RFP. This includes, but not limited to, involvement be the firm or individual in the preparation of the RFP, or a relationship with any employee, contractor representative of the Regional District involved in preparation of the RFP, participating on the evaluation committee or in the administration of the Contract. If a proponent is in doubt as to whether a proposed subcontractor might be in conflict of interest, the Proponent should consult with the CAO prior to submitting a Proposal. By submitting a Proposal, the Proponent represents that it is not aware of any circumstances that would give rise to a conflict of interest this is actual, perceived or potential, in respect of the RFP.

18 EXECUTION OF CONTRACT

Following acceptance by the Regional District, the successful Proponent will be provided with written confirmation. A contract will be signed by both parties subject to negotiation between the Regional District and the Proponent.

19 INTENT OF CONTRACT DOCUMENTS

The intent of the Contract Documents is that the Contractor will provide all permits, materials, supervision, labour, equipment and all else necessary for, or incidental to, the proper execution to the Work described in the RFP documents or as directed by the Regional District and all incidental Work to complete the project.

20 LOCAL CONDITIONS

The Contractor will, by personal inspection, examination, calculations, or tests, or by any other means, satisfy themselves with respect to the local conditions to be encountered and the quantities, quality, and practicability of the Work and of their methods of procedure. No verbal agreements or conversation with any officer, agent, or employee of the Regional District, either before or after the execution of the Contract, will affect or modify any of the terms or obligations herein contained.

21 MANAGER'S STATUS

The Manager will be the Regional District's representative during the period of operation and will observe the Work in progress on behalf of the Regional District for the purpose of ensuring that the Contractor maintains the site in a satisfactory condition, and for ensuring that the Work has been satisfactorily carried out. The Manager will have the authority to stop the Work whenever such stoppage may be necessary, in their opinion, to ensure the proper execution of the Work in accordance with the provisions of the Contract.

The Contractor will comply with such an order immediately. Neither the giving nor the carrying out of such orders thereby entitle the Contractor to any extra payment and the Regional District will not be held liable for any damages or any breach of laws, bylaws or regulations that may result.

22 GREENHOUSE GAS (GHG) REPORTING

The Contractor shall report all fuel used while performing work under this RFP, including fuel used by subcontractors, if applicable. At minimum, the Contractor must provide:

- a) Type of fuel used (e.g., gasoline, diesel)
- b) Estimated volume (in litres)
- c) General description of vehicle or equipment (e.g., pickup truck, excavator)
- d) Purpose or location of work (e.g., site name or activity)

This information shall be submitted once at the end of the project or as requested by the Regional District.

The data collected will support the Regional District's CleanBC reporting and climate initiatives. Contractors are asked to retain supporting records (e.g., receipts or logs) for a period of one year in case verification is needed.

23 CONTRACTOR'S PERSONNEL

The Contractor will always keep sufficient personnel to carry out the Work required by the Contract. The Contractor must demonstrate that their organization is adequately staffed and trained to perform the requirements.

All workers must have sufficient knowledge, skill, and experience to perform properly the Work assigned to them and to be tactful and courteous in dealing with the Regional District's staff. Any supervisor or worker employed by the Contractor or Sub-Contractor who, in the opinion of the Manager, does not perform their Work in a competent manner, appears to act in a disorderly or intemperate manner, or is intoxicated or willfully negligent will at the written request of the Manager, be removed from the site of the Work immediately and will not be employed again in any portion of the Work without the approval of the Manager.

The Contractor will comply with all federal and provincial legislation regarding wages and labour regulations including payment of all dues, levies, or charges made under or in relation to the Contract. The Contractor will make proof of payment available to the Manager when requested.

24 CONTRACTOR'S QUALITY CONTROL PROGRAM

The Contractor must demonstrate that their organization has an established quality control plan for identifying and preventing deficiencies in the quality of services. General performance monitoring and supervision of the service is a fundamental requirement.

25 ASSIGNMENT OF CONTRACT

The Contractor will not sublet, sell, transfer, assign, or otherwise dispose of the Contract or any portions thereof, or their right, title, or interest therein, or their obligations thereunder without written consent of the Regional District, except for assignment to a bank of the payments to be received hereunder.

26 RIGHT TO TERMINATE SERVICES

The Regional District may terminate any or all services upon 30 days' written notice. If such notice is given, the Regional District will pay only for time and expenses incurred by the Contractor up to the termination date and for any reasonable time and expenses incurred to bring the services to a close in a prompt and orderly manner.

27 REGIONAL DISTRICT'S RIGHT TO CORRECT DEFICIENCIES

Upon failure of the Contractor to perform the Work in accordance with the Contract Documents, and after written notice to the Contractor, or without notice if any emergency or danger to the Work or public exists, the Regional District may, without prejudice to any other remedy they may have, correct such deficiencies. The cost of Work performed by the Regional District in correcting deficiencies will be paid by the Contractor or may be deducted from monies payable to the Contractor.

28 INDEMNITY

Notwithstanding the provision of insurance coverage by the Contractor, the Contractor hereby agrees to indemnify and save harmless the Regional District, its officers, agents and employees from and against all claims, demands, losses, costs, damages, actions, suits or proceedings by whomever made, brought or prosecuted and in any manner based upon, arising out of, related to, occasioned by or attributable to the activities of the Contractor, its servants, agents, sub-contractors and sub-operators, in providing the services and performing the Work of the Contract, excepting always liability arising solely out of the

negligent act or omission of the Regional District.

29 INSURANCE

The Contractor, without limiting its obligations or liabilities, and at its own expense, must provide and maintain throughout the Contract term, the following insurances with insurers licensed in the Province of British Columbia in forms acceptable to the Regional District. All required insurance (except Professional Liability Insurance and automobile insurance on vehicles owned by the Contractor) shall be endorsed to show the Regional District as additional insured and provide the Regional District with thirty (30) days' advance written notice of cancellation or material change.

The Contractor's insurance policies shall include a deductible no greater than \$25,000 for each claim. The Contractor must provide the Regional District with evidence of the required insurance, in a form acceptable to the Regional District, upon notification of award and prior to the execution and delivery of the contract:

- a) Commercial General Liability (CGL), written on an occurrence-based form, in an amount not less than \$3,000,000 inclusive per occurrence insuring against bodily injury and property damage and including liability assumed under the contract. The Regional District is to be added as additional insureds. Such CGL coverage shall include the following liability extensions: Contingent Employers Liability, Broad Form Products & Completed Obligations, Personal Injury, Blanket Contractual, and Cross Liability.
- b) Professional Liability in an amount not less than \$2,000,000 inclusive per occurrence.
- c) Where the Contractor requires the use of automobiles to undertake the Work of the Contract, the Contractor will have the following:
 - a. Automobile Liability on all vehicles owned, operated, or licensed in the name of the Contractor in an amount not less than \$2,000,000 per occurrence.
 - b. Non-owned Automobile Liability insurance in an amount not less than \$2,000,000 per occurrence.

The Contractor shall ensure that all sub-contractors forming from this Contract meet the insurance requirements outlined above. It is the sole responsibility of the Contractor to determine if additional limits of liability insurance coverage are required to protect them from risk.

30 OCCUPATIONAL HEALTH AND SAFETY

The Contractor will use due care and take all necessary precautions to ensure the protection of persons and property at the Facility and will comply with the Workers' Compensation Act of the Province of British Columbia.

The Contractor must prepare a Health and Safety plan in accordance with the provincial WorkSafe BC. A copy will be submitted to the Regional District prior to commencing the Work.

31 CHANGES IN THE WORK

The Regional District, without invalidating the Contract, may make changes by altering, adding to, or deducting from the Work. The Contractor will proceed with the Work as changed and the Work will be executed under the provisions of the Contract. No changes will be undertaken by the Contractor without a written order from the Regional District, except in an emergency endangering life or property, and no claims for additional compensation will be valid unless the change was so ordered. The Regional District

will entertain no payment for extra work or changes in any Contract unless a "Change Order" form is completed and signed by the Regional District and the Contractor.

If, in the opinion of the Regional District, such changes affect the Contract amount, these will be adjusted at the time of ordering the changes. The value of the addition or deduction from the Contract amount, and the method of determining such value, will be decided by the Regional District. The Regional District will use one or more of the following methods in deciding such value:

- a) by lump sum submitted by the Contractor and accepted by the Regional District.
- b) on a force account basis as specified in these General Conditions.

32 COMPLIANCE WITH LAWS

The contractor will give all the notices and obtain all the licenses and permits required to perform the Work and provide written confirmation that the Contractor (and Sub-contractor's) personnel are fully certified to perform the Work. The Contractor will comply with all laws, regulations and requirements of authorities having jurisdiction applicable to the Work or performance of the contract.

33 LAWS OF BRITISH COLUMBIA

Any Contract resulting from this RFP will be governed by and will be construed and interpreted in accordance with all laws in effect in the Province of British Columbia.

34 PROPOSAL FORMAT AND CONTENT

The proponent shall provide one (1) bound copy of its proposal to the Regional District. The content of the proposal should include (but is not limited to) the following.

- a) A description of the proponent's understanding of the Services.
- b) A description of the proponent's corporate structure and history.
- c) A list of the personnel to be involved in providing the Services, their roles, and the per diem rate for each person or category of personnel.
- d) Staff resumes and relevant experience (including references) of key staff, with details of staff time allocation for each component of the work.
- e) A list of all sub-contractors that will be used to provide the Services along with their costs, company resumes, and administration fees (if applicable).
- f) A detailed work program and timeline for providing the Services, including a description of the following:
 - a. the scope of the background review;
 - b. the stakeholder and community consultation process;
 - c. the factors to be considered in developing the service delivery models proposed; and,
 - d. A list of at least three (3) references, which may be contacted by the Regional District.

35 SCOPE OF WORK

See Appendixes E through H for Deliverables, Photos, Pump Station Schematic.

APPENDIX A - PROPOSAL REPLY FORM

PROPOSAL REPLY FORM	
Project Title: Water Utilities Supervisory Control and Data Acquisition (SCADA) System	
Company Name: _____	
Contact Person: _____	
Contact Information	
Phone	
e-mail	
Mailing Address	

**Water Utilities Supervisory Control
and Data Acquisition System (SCADA)**

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APPENDIX B - PROPOSAL EVALUATION FORM

PROPOSAL EVALUATION FORM			
Proponent's Name: _____			
Project Title: Water Utilities Supervisory Control and Data Acquisition (SCADA) System			
Evaluation Date: _____			
Evaluator: _____			
Criteria			
Step 1:		YES	NO
Mandatory Criteria	Proposal received prior to closing		
	List of Key Personnel and References		
	Reply Form		
	Supply and Installation Timelines		
	Detailed All-Inclusive Price Quote		
Step 2:		Max Points	Points Awarded
	1.0 Overview and Scope of Work: <ul style="list-style-type: none"> Proponents are required to demonstrate their understanding of the project How their experiences will ensure the successful completion of the project 	30	
	2.0 Price: Rates quoted by the proponent must be all-inclusive and must include all insurance costs, and all costs of delivery, all costs of installation and set-up, including pre-delivery inspection charges and all overhead, including any fees or other charges required by law.	60	
	3.0 Project Team, Experience and References: <ul style="list-style-type: none"> Response to key personnel, experience and references (x3) A description of knowledge, skills, and experience relevant to the deliverables 	10	
Total Score		100	

APPENDIX C - CONFLICT OF INTEREST DISCLOSURE STATEMENT

Proponent Name: _____

The Proponent, including its officers, employees, and any person or other entity working on behalf of or in conjunction with (including subcontractors), the Proponent on this procurement process:

- ☐ is free of any conflict of interest that could be perceived to improperly influence the outcome of this procurement process.
- ☐ has not, and will not, participate in any improper procurement practices that can provide the Proponent with an unfair competitive advantage including obtaining and using insider type information to prepare a solicitation offer or participating in bid rigging.
- ☐ has an actual, perceived or potential conflict of interest regarding this procurement process as a result of:

State reason(s) for conflict of interest:

If an actual, perceived or potential conflict of interest regarding this procurement process has been identified, the Proponent must submit this document to the CAO by October 8, 2025

By signing below, I certify that all statements made on this form are true and correct to the best of my knowledge.

Print Name of Person Signing Disclosure

Signature of Person Making Disclosure

Authorized Representative of:

Date Signed

APPENDIX D - LIST OF SUBCONTRACTORS

The Proponent advises that they will be subcontracting the following parts of the work to the Subcontractor(s) listed below. In the Proponent's opinion, the Subcontractor(s) named are reliable and competent to perform that part of the work for which each is listed. Please indicate "not applicable" on this page if Subcontractors are not required and include it with your Proposal. Following acceptance of the Proposal, the Subcontractors named in the List of Sub-Contractors must not be changed nor will additional subcontractors be employed except with the written approval of the Regional District.

Subcontractor's Legal Name	Work to be Performed by Subcontractor

APPENDIX E – DELIVERABLES

The purpose of this Supervisory Control and Data Acquisition (SCADA) project is to implement central infrastructure for data communications, system monitoring and control, disturbance reporting and alarming, historic data recording, analysis and reporting for the Fort Fraser's water facilities. The system must be capable of handling the SCADA requirements of the existing facilities and will have sufficient capacity or be expandable to accommodate future requirements. The Regional District plans to negotiate final contract terms and scope of service with the selected Proponent once the decision has been made. The following is a summary of the anticipated scope of services. This information is provided as a framework for Proponent responses and cost analyses. Proponents are free to make any additions that they believe will provide value or benefit to the project with supporting rationale.

- a) The successful contractor will ensure all offsite data storage—whether for backups or operational use—is located within Canada and compliant with the Province of British Columbia's security requirements. A Privacy Impact Assessment (PIA) must be completed and approved; the complexity of the PIA will depend on the nature of the data (e.g., simpler for non-personal system data).
- b) Remote access to on-site equipment must be conducted exclusively through an encrypted VPN, restricted to approved locations, and protected using Multi-Factor Authentication (MFA). The Regional District will supply the firewall, remote access VPN client, and MFA credentials.
- c) The contractor is responsible for:
 - a. Maintaining secure access in accordance with BC privacy laws.
 - b. Installing provided VPN software and setting up MFA tokens on mobile devices.
 - c. Ensuring continued compliance with MFA requirements.
 - d. Collaborating with the Regional District during the PIA process, if required.
 - e. Licensing for VPN and MFA will be provided by the Regional District, with approximate per-user costs included for budgeting reference.
- d) The Contractor shall provide operator training to ensure familiarity with all aspects of the SCADA system, including both hardware and software.
 - a. Training must be conducted during the Regional District's regular working hours.
 - b. Training must cover:
 - i. System overview
 - ii. Computer operation
 - iii. Alarm Handling
 - iv. Remote access procedures
 - v. System maintenance basics
 - c. All manuals, handouts, and training equipment must be supplied by the Contractor
 - d. Materials should be clear, concise, and tailored to the installed SCADA system

The Contractor shall be responsible for the supply and installation of all required hardware necessary for the full functionality of the system. This includes, but is not limited to, power supplies, enclosures, mounting hardware, communication equipment, and interface components. The Contractor shall also provide and install all compatible sensors and instrumentation needed to meet the operational and performance requirements specified in the project documentation. The Contractor shall procure and supply all necessary SCADA software licenses, including any runtime, development, and client access licenses, ensuring full legal compliance and uninterrupted system operation. All supplied equipment and software shall be fully compatible, properly configured, and integrated with the existing infrastructure, as applicable

APPENDIX F - PHOTOS

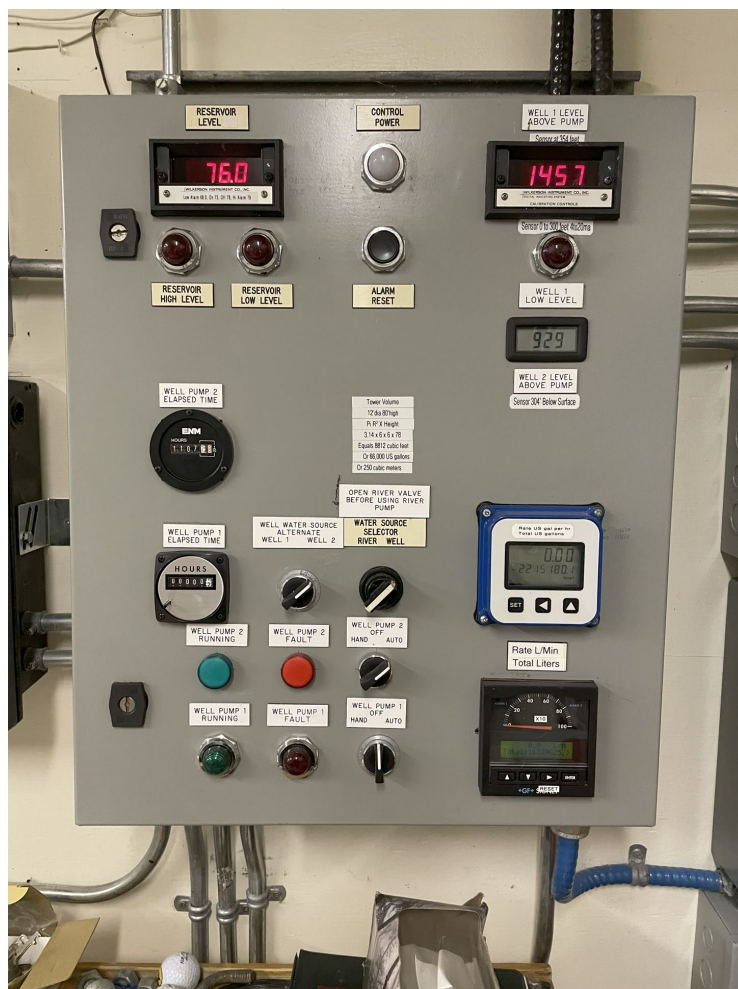


Figure 1 - Control Panel (Exterior View)

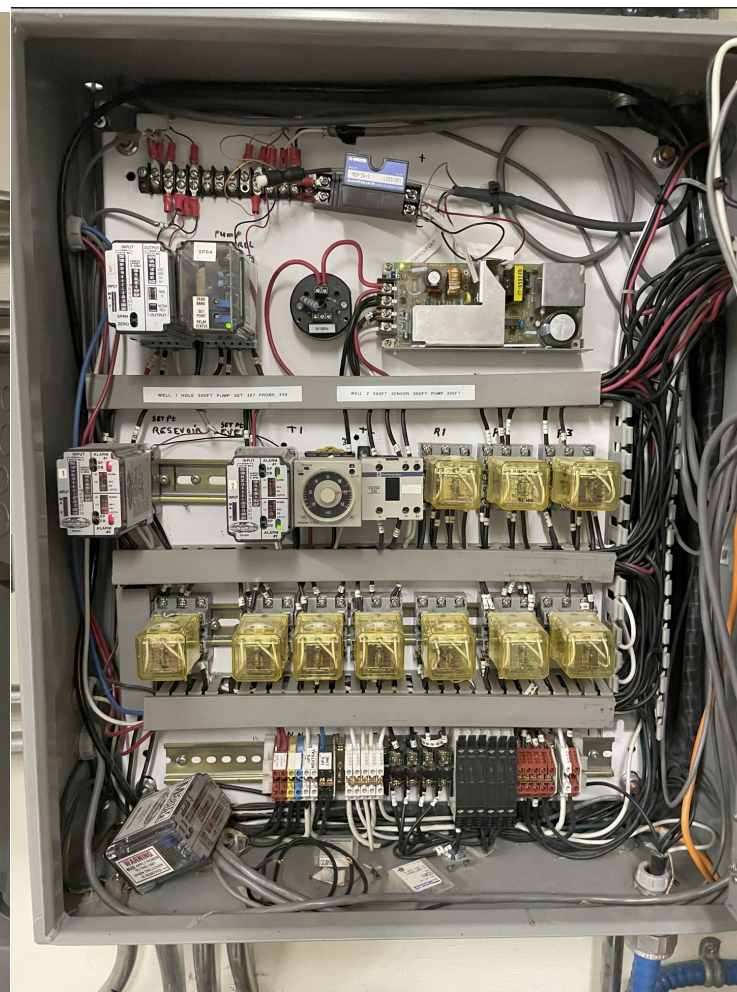


Figure 2 - Control Panel (Interior View)

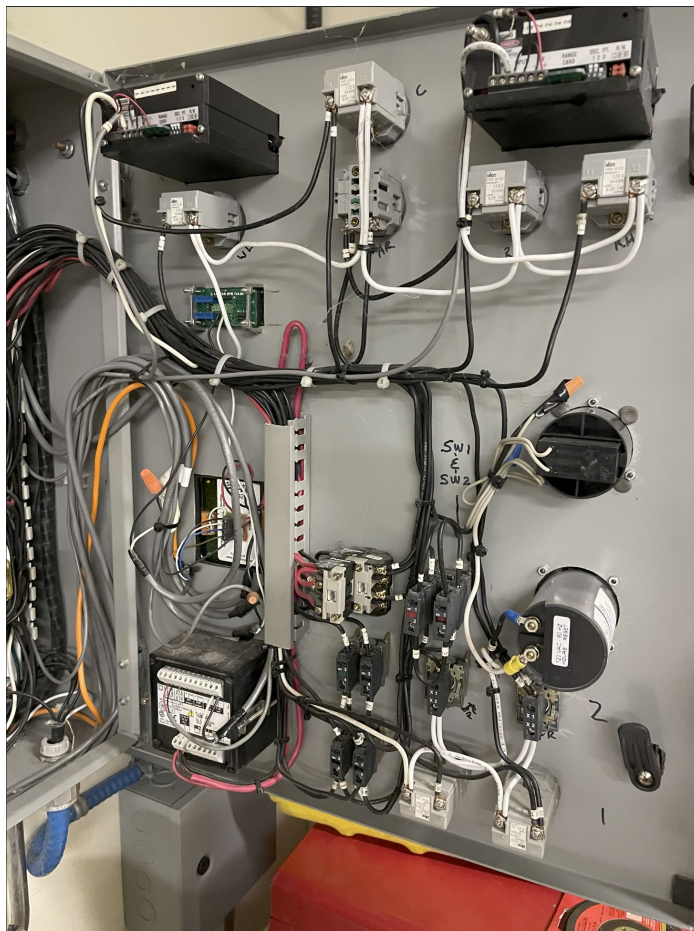


Figure 3 – Control Panel (Interior Door View)

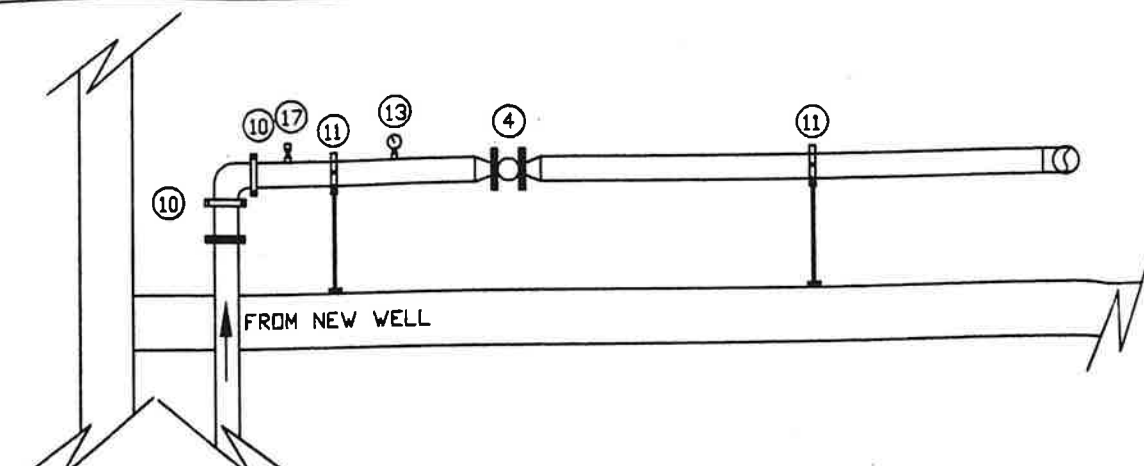


Figure 4– Hydro Transfer Switch Control Panel

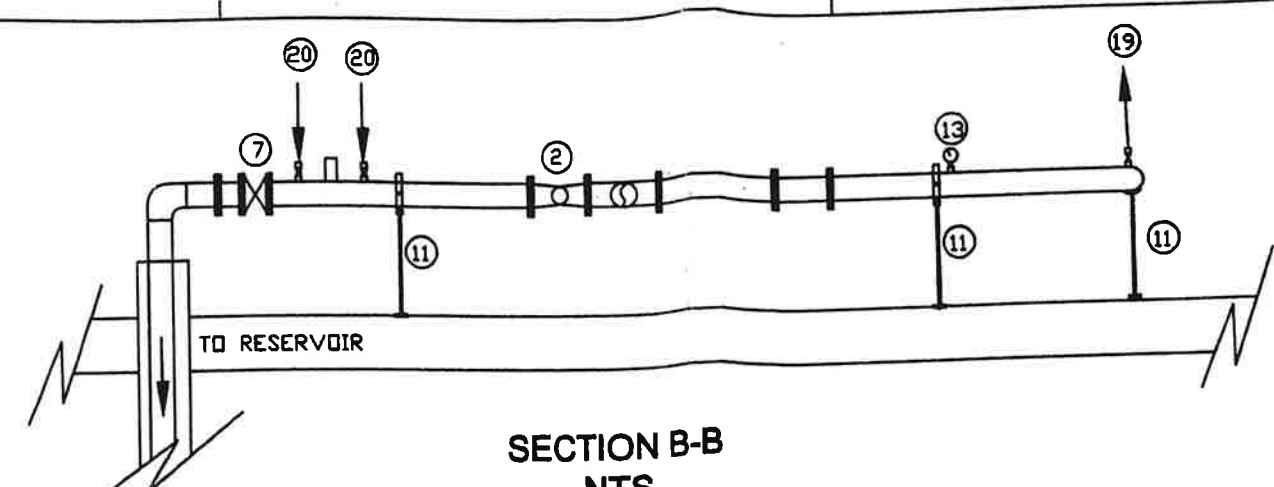


Figure 5 - Hypochlorite Dosing tank/pumps (internal supply Piping).....Figure 6 -- Breaker Panel and Cycle Stop Switches

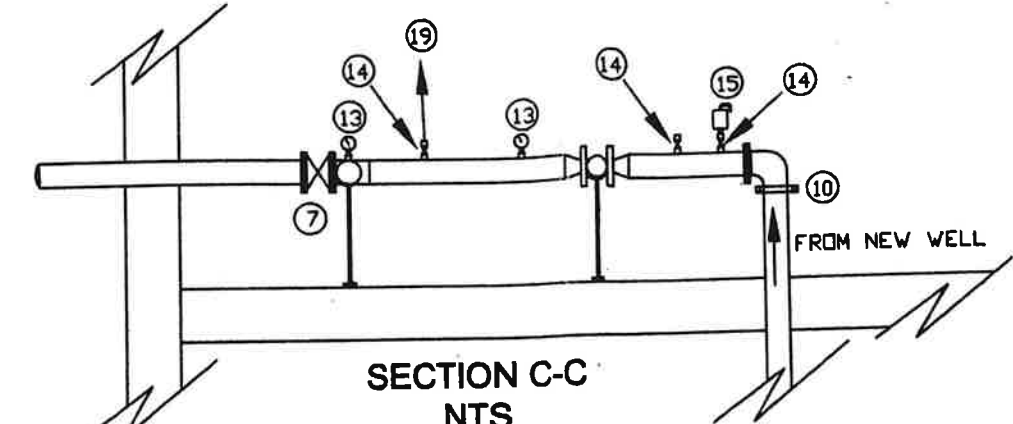
APPENDIX G – FORT FRASER PUMP STATION SCHEMATICS



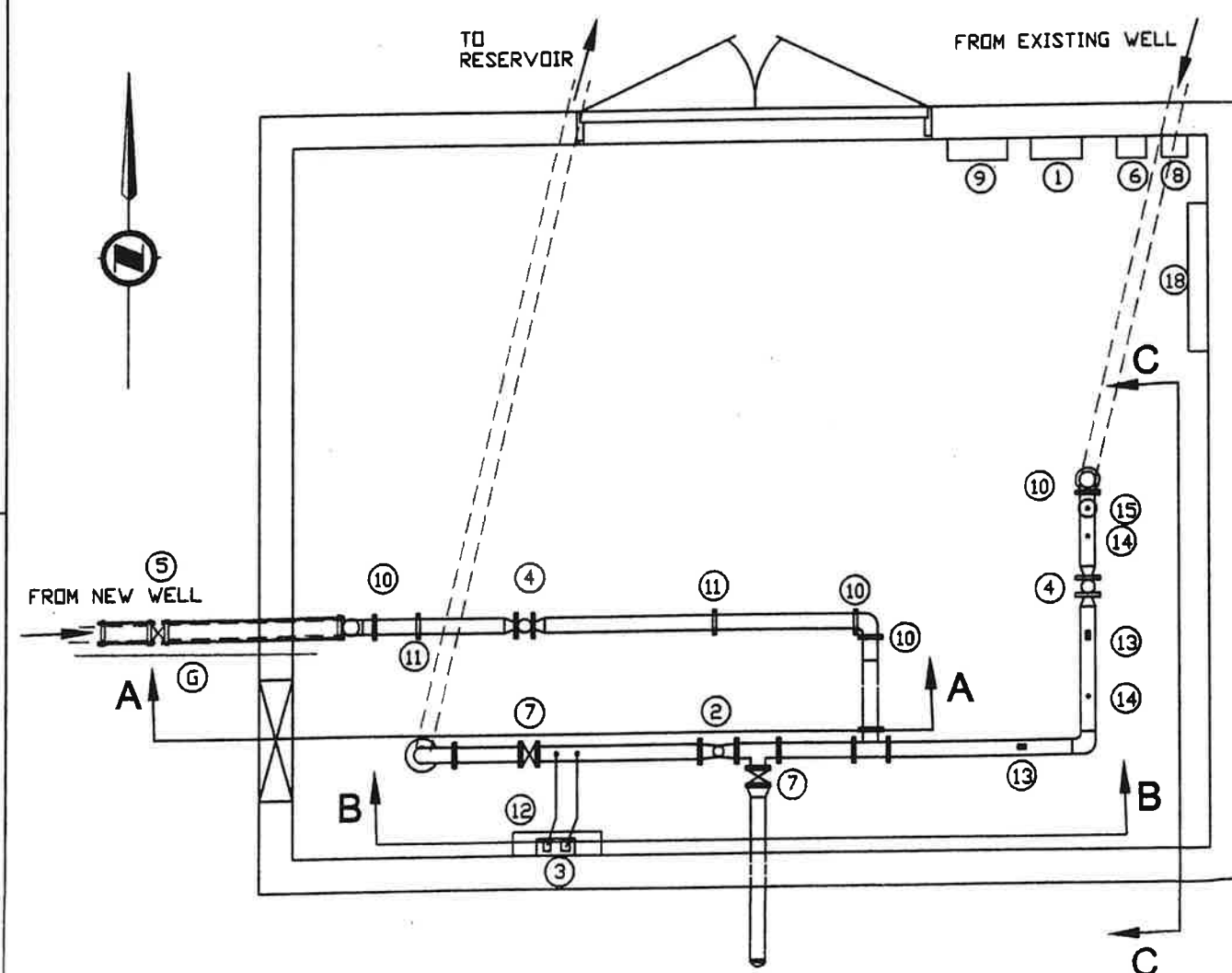
SECTION A-A
(NTS)



SECTION B-B
NTS



SECTION C-C
NTS



PIPING PLAN VIEW
NTS

ITEM	MATERIALS LIST NEW
1	HONEYWELL DR4300 SINGLE PEN CHART RECORDER
2	3" SEAMETRICS WTC 101 150# FLANGED TURBINE FLOWMETER C/W RATE, TOTAL AND PULSE OUTPUT
3	2 - LMI A771-3525S1 CHLORINE METERNG PUMPS FOR 50 TO 200 GPM
4	3" CYCLE STOP VALVE CSV3 B3F FLANGED
5	4" GATE VALVE C/W NELSON BOX
6	NEW PUMP CONTROL PANEL
ITEM	MATERIALS LIST EXISTING
7	4" Butterfly Valve
8	Pump Control Panel
9	Chart Recorder
10	Victaulic Coupling
11	Pipe Support
12	Chlorine Storage Tank
13	Pressure Gauge
14	Globe Valve
15	Air Release c/w Globe Valve
16	Ball Valve
17	Hose Bib
18	Panel Board
19	To Eye Wash
20	Chlorine Injection Points

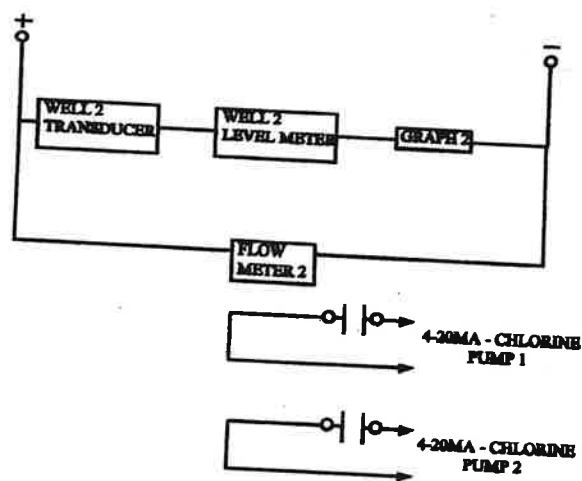
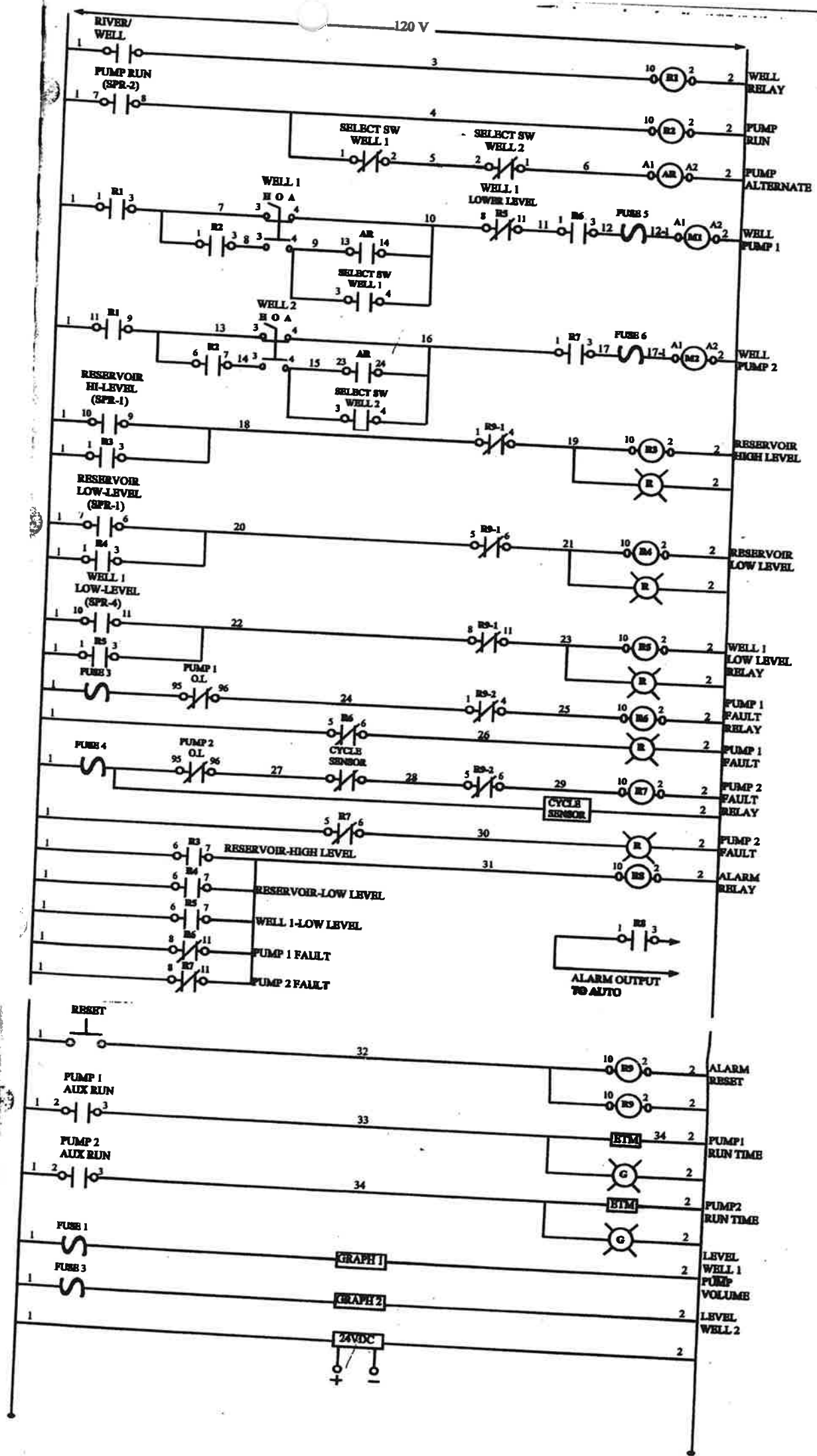
ITEM	MATERIALS LIST For NEW WELL
A	10" MONITOR WELD ON PITLESS MODEL # 8123BE2
B	7 STAGE 6LL SUB BOWL ASSEMBLY TO PRODUCE 150 GPM AT 400' HEAD (HYDROFLO PUMPS) IMPELLERS AND TAPERLOCKS STAINLESS STEEL
C	25 HP 3 PH 575 VOLT 6" FRANKLIN SUBMERSIBLE MOTOR 3600 RPM
D	170' 4" C900 PVC WELL TO PUMPHOUSE
E	3" STAINLESS CHECK VALVE
F	300' 3" T/C DROP PIPE STEEL
G	300' 10-4 FLAT SUBMERSIBLE WIRE
H	180' 8-4 TECWIRE TO PUMPHOUSE
I	10" ALUMINUM WATER TILE CAP
** Note not all components shown see photos	

AS-CONSTRUCTED

Ingram Well & Pump Service
2601 Norwood Road
Quesnel
B.C.
V2J 7C1
PH (250) 249-5292 FAX (250) 249-5452

DESIGN BY	AC	DATE	Nov 18/06
REVIEW BY		JOB NO.	P06-10
ISSUED BY		FOR	Fort Fraser
APPROVED BY		SHEET NO.	1 of 1
SCALE		REV.	001
Regional District of Bulkley Nechako		Pump Station Modifications	

CHECK PHOTO RECORDS EARLIER LETTER



DATE: NOV 2006	FORT FRASER WATER CONTROL SYSTEM	DRAWING DESIGNATION
DRAWN: D. Newfield DENCO ELECTRIC		ALTERATION TO PUMP CONTROL PANEL