



REQUEST FOR PROPOSAL

Title: Supply of Geophysical Products and Services

Date Issued: 14th May 2008

GBC Ref. No: S-2008-01

Solicitation Closes: 2:00 PM on 12th June 2008 Pacific Time

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SECTION I – PART I: DESCRIPTION OF REQUIREMENT

Title

Electro-magnetic (EM) and Magnetic Survey for QUEST-West.

Statement of Work

You are invited to submit technical, management and price proposals for the supply of an airborne electro-magnetic and magnetic survey over the QUEST-West Survey area as defined in Annex “A”. In addition to supplying “raw” data it is requested that a typical suite of post-processed products be supplied. The successful Bidder will be required to perform the Work in accordance with the Statement of Work attached as Annex “B”.

Delivery

All deliverables under any resultant contract must be received by Geoscience BC on or before 31st March 2009.

SECTION I – PART II: STANDARD INSTRUCTIONS, CLAUSES, GENERAL TERMS AND CONDITIONS

Ownership of Intellectual Property

Any intellectual property arising from Research and Development carried out in the course of Work under the Contract will vest in Geoscience BC.

Bidder Performance

- a) Geoscience BC may reject a Bid where any of the following circumstances is present:
 - i. the Bidder becomes bankrupt or is insolvent or is seeking statutory creditor protection or where, for whatever reason, its activities are rendered inoperable for an extended period;
 - ii. evidence, satisfactory to Geoscience BC, of fraud, bribery, fraudulent misrepresentation or failure to comply with any law protecting individuals against any manner of discrimination, has been received with respect to the Bidder, any of its employees or any subcontractor included as part of its Bid;
 - iii. Geoscience BC has exercised its contractual remedies of suspension or termination for default with respect to a Contract with the Bidder, any of its employees or any subcontractor included as part of its Bid; or
 - iv. Geoscience BC determines that the Bidder’s performance on other contracts, including the efficiency and workmanship as well as the extent to which the Bidder executed the work in accordance with contractual terms and conditions, is lacking in sufficient quality to jeopardize the successful completion of the requirement being bid on.

- b) Where Geoscience BC intends to reject a Bid pursuant to a provision of paragraph (a), the Contracting Authority will so inform the Bidder and provide the Bidder ten days within which to make representations, prior to making a final decision on the Bid rejection.

SECTION I – PART III: OTHER INSTRUCTIONS

Contracting Authority

The Contracting Authority for this Request for Proposal (RFP) is:

Peter Kowalczyk
Project Leader
14717 16A Ave
Surrey, BC, Canada
V4A 5M6

Tel: +1 778 329 0430 ext 3, +1 604 288 4858
Fax: +1 604 662 4107

DO NOT SEND YOUR PROPOSAL TO THE CONTRACTING AUTHORITY

Enquiries/Time Extension to the RFP Closing Date

All enquiries and other communications related to this RFP throughout the solicitation period and until contract award shall be directed in writing only to the Contracting Authority by email at kowalczyk@geosciencebc.com or fax at 604-662-4107.

To ensure the equality of information among Bidders, answers to enquiries which are relevant to the quality of proposals will be forwarded simultaneously to every Bidder. Such enquiries must be received at least ten (10) working days before the closing date.

A request for a time extension to the Bid closing date WILL NOT be considered.

Submission of Proposal

Bids will be accepted in the form of electronic submissions in PDF format to proposals@geosciencebc.com by the time and date indicated on page 1 of this RFP document.

Proposals submitted in response to this RFP will not be returned.

Validity of Proposal

Any proposal must remain open for acceptance for a period of not less than ninety (90) days after the closing date of the RFP. After the RFP closing date, no amendments to the proposal will be accepted. However, during the evaluation, the Contracting Authority may require clarification from or conduct interviews with Bidders.

Applicable Laws

The Contract shall be interpreted and governed, and the relations between the Parties determined, by the laws in force in the province of British Columbia and the parties attorn to the jurisdiction of the British Columbia courts.

Rights of Geoscience BC

Geoscience BC reserves the right to:

- a) reject any or all proposals received in response to this RFP;

- b) enter into negotiations with one or more Bidders on any or all aspects of its proposal;
- c) accept any proposal in whole or in part;
- d) cancel and/or reissue this requirement at any time;
- e) award one or more contracts;
- f) verify any or all information provided with respect to this requirement;
- g) award contracts without competition for follow-on Work, if any, to the successful Bidder for this requirement.

Incurring of Cost

No costs incurred before receipt of a signed contract or specified written authorisation from the Contracting Authority can be charged to any resulting contract.

SECTION II – PART I: PROPOSAL PREPARATION INSTRUCTIONS

Preparation of Proposal

Bidders shall prepare a proposal addressing all the requirements of this RFP.

The proposal must include a first sheet specifying the Bidder name and address, the name and title of the person authorised to sign on behalf of the Bidder, and their signature. The Bidder's signature indicates acceptance of the terms and conditions set out herein. Ensure that the signatory has authority to commit the organisation to making such a contractual offer.

Ensure that the proposal includes a contact name, address, phone number, and email address.

The proposal must be transmitted as an electronic file with name S-2008-01_YOUR-COMPANY-NAME. Include two clearly titled sections:

A – Technical and Management Proposal (with no reference to price)

B – Price Proposal and Certifications (Annex "D")

Your proposal should be concise and should address, but not necessarily be limited to the points listed in Annex "E", Preparation of Proposals.

Certifications

In order to be considered for contract award, Bidders must comply with the stated certification requirements detailed in Annex "D".

SECTION II – PART II: EVALUATION CRITERIA AND CONTRACTOR SELECTION METHOD

Evaluation Criteria

The technical proposal will be evaluated in accordance with the Evaluation Criteria and Contractor Selection detailed in Annex “C” attached. It is suggested that you address these criteria in sufficient depth in your proposal. The proposal will be evaluated solely on its content. Geoscience BC reserves the right to request additional data or clarification from the Bidder.

SECTION III: RESULTING CONTRACT CLAUSES

Additional terms and conditions applicable to any resulting contract:

Experience and Education

The Contractor certifies that all statements made with regard to the education and experience of individuals proposed for completing the subject Work are accurate and factual, and the Contractor agrees that Geoscience BC reserves the right to verify any information provided in this regard and that untrue statements may result in the Contract being terminated for default pursuant to the terms and the general conditions forming part of this Contract.

ANNEX “A”: DETAILS OF SURVEY LOCATION

Summary of Survey Location

Approximate survey location and size is shown in Figure 1. The total line length is 9280 line-km (blocks 1 and 1a).

Coordinates System Requirements

Coordinates are provided for UTM coordinate system - parallel to UTM Zone 9 in zone 9 and parallel to Zone 10 in Zone 10.

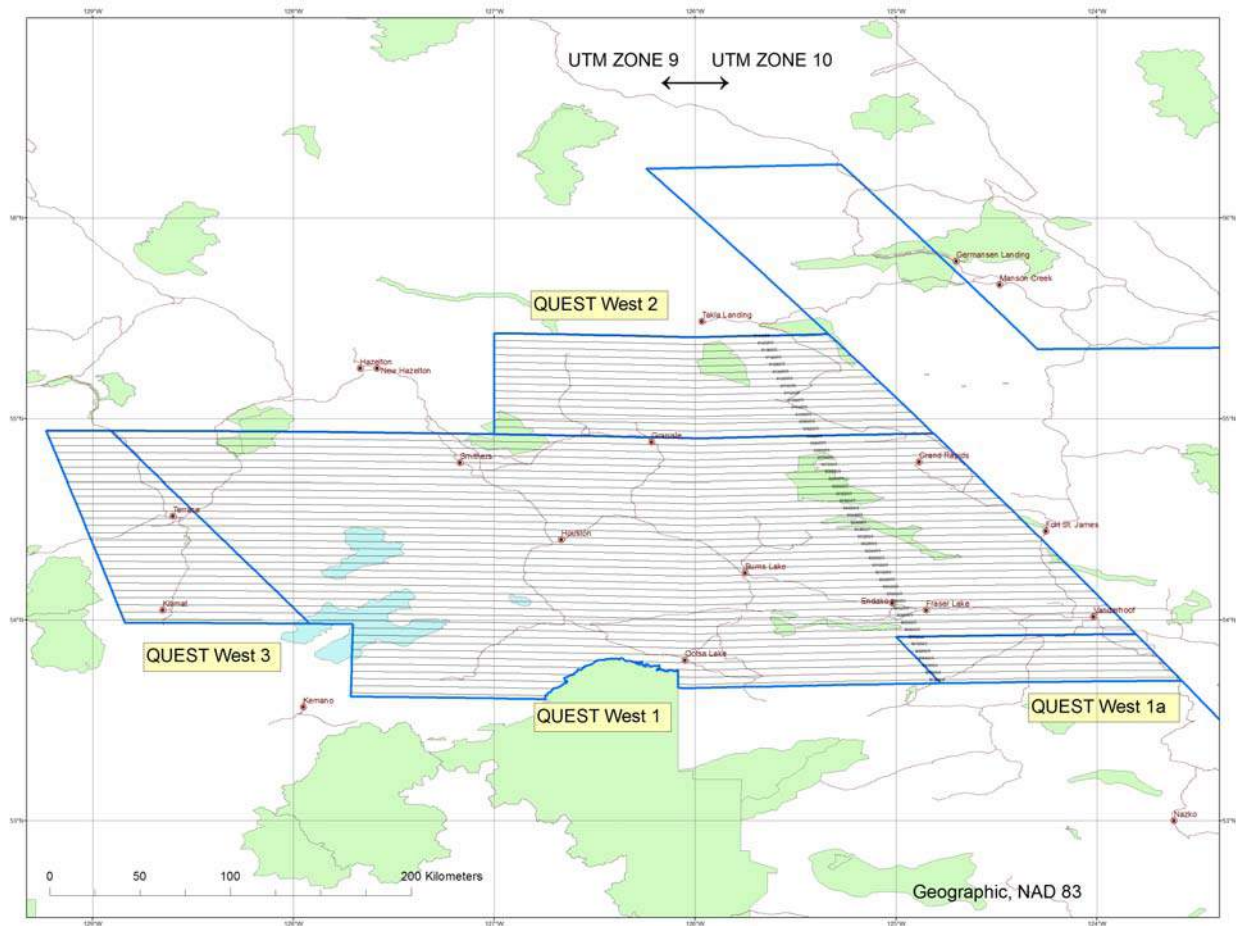


Figure 1: Line Location and Spacing for QUEST-West Project. The area proposed for flying is the area identified as QUEST-West 1, including block QUEST-West 1a.

ANNEX “B”: STATEMENT OF WORK

TITLE: ELECTRO-MAGNETIC AND MAGNETIC SURVEY, DATA PROCESSING AND INTERPRETATION FOR THE QUEST-WEST PROJECT AREA

1. Introduction

The QUEST Project area was flown by Geoscience BC in 2007 using the Geotech VTEM system. This data set is available for review by Bidders wishing to review typical responses in the drift covered terrain of central British Columbia. Bidders should take note that the area proposed for the QUEST-West area survey is not identical, it is expected that drift cover will not be as deep, that there are more areas with volcanic cover exposed, and that the survey area is more mountainous in its western parts. Go to www.geosciencebc.com/s/Quest.asp for more information.

2. Objectives/Requirements

The contractor shall provide all of the necessary facilities, equipment, materials, competent and experienced personnel and supervisory and administrative support to complete the project.

The total length of data collected during the survey will depend on the cost per km of data acquisition and the final budget allocation. It is planned that data acquisition will be completed by December 31, 2008.

Final deliverable items from the processing contractor must be delivered by March 31, 2009.

Prior to the start of the survey, the contractor’s representatives are required to meet with the Contracting Authority to discuss all aspects of the work.

3. Technical Specifications/Details

3.1 Regional Data

The requirements and conditions are as follows:

The requirement is for a Time Domain Helicopter EM survey as the primary need.

1. The requirement is for a 4 km line spacing, flying EW per the UTM coordinate system - parallel to UTM Zone 9 in Zone 9 and parallel to Zone 10 in Zone 10. The lines will extend the lines flown in 2007 in the QUEST survey on behalf of Gescience BC into the QUEST-West area of the proposed survey. See www.geosciencebc.com/s/Quest.asp for details.

2. The purpose of the data being collected is to investigate the depth of cover, and to assist the geological mapping of the sub-crop geology, including regional geological structures. The survey is to provide context for mineral exploration. Systems that specialize and are applicable in this environment are most desirable. Specifications, functionality, performance statistics and past successful applications documentation are encouraged as Appendices.
3. High quality data is of prime importance. The data will be numerically inverted, and accurate control of transmitter waveforms is important. The contractor is expected to monitor transmitter waveforms, and to provide records of transmitter waveforms along with the EM data files. The successful Bidder will be expected to maintain an open relationship with GBC personnel during the conduct of the survey so that GBC can satisfy itself that the data being acquired are of high quality while the survey is being acquired.
4. Consideration will be given to the ability of the system to resolve the near surface resistivity structure, and to the depth of investigation of the system to investigate bedrock geology. The range of resistivities that the system can resolve is important.
5. Consideration will be given to the logistical plan presented by the contractor and the commitment of the contractor to start promptly and to expedite the completion of the survey including the management of helicopter resources.
6. Any proposal should include a detailed list of deliverables, including maps, archive data, and any processing that is included in the proposal.
7. A magnetic data set is not required, although the concurrent acquisition of magnetic data would be considered a positive item. However, magnetic tie lines are not required.
8. An all up cost per line kilometer to acquire the data set is requested. If included, the cost of inversion processing can be broken out as an optional item. The least expensive proposal will not necessarily be accepted.

3.2 Data Processing Specifications

State-of-the-art, high quality processing procedures to optimize data quality in areas of both till cover and outcropping geology are required.

3.3 Deliverable Items

Unless otherwise specified, digital data and summary maps of key results.

The following items will be deliverables to Geoscience BC, Suite 410 – 890 West Pender Street, Vancouver, BC Canada V6C 1J9:

Field Data as provided by acquisition contractor

- Daily data upload to ftp facilities for QA/QC

Processed Data as prepared by processing contractor

- The processing contractor is required to supply sufficient information on the applied processing and selected parameters that the standard processing flow can be reproduced.

- Summary maps of key results in paper and digital formats.

Contractor's report

- Report with information on processing strategy, testing and selection of final processing parameters. Two (2) print copies and one digital copy in PDF format. This must include the following:
 - the name and location of the survey;
 - the name and address of the contractor, the phone and fax numbers of the company, the date of the survey;
 - a list of contents;
 - details of individual processing applied;
 - summary of specific problems encountered during processing and solutions developed;
 - recommendations and conclusions.

3.4 Schedule

Data acquisition must be completed by December 31, 2008, and data processing will be completed by March 31, 2009.

In addition, Daily data uploads are required for QA/QC purposes on a secured, reliable FTP server.

Daily and weekly progress reports are to be emailed to Project Team Staff to track progress and issues. Monthly reports are to be supplied with the inclusion of budget tracking component.

ANNEX “C”: EVALUATION CRITERIA AND CONTRACTOR SELECTION

1. Evaluation Criteria

This section details the methodology that will be employed for evaluation of the Bidder’s responses to the stated requirements of this RFP. The Bidder’s proposal will be evaluated in accordance with the following:

1.1 Data Processing Proposal

1.1.1 Data Processing

Suitability and quality of the hardware, software and general data processing procedures to be used for this requirement, including subcontract work, if required.

1.1.2 Company and Personnel

Competence of the contractor and any sub-contractor, which can be demonstrated by similar or related past work, sufficient back-up manpower and resources, experience and competence of the person in charge of the processing or other key personnel, understanding and recognition of the scope and objectives for the survey, and an understanding required to obtain optimum quality results with the resources available, management capability and proposed interaction with the other contractors and Geoscience BC personnel.

1.2 Acceptance Criteria

Proposals for the processing contract will be evaluated according to items 1.1.1 and 1.1.2. Bidders evaluated as having major deficiencies in any of the above items will not be considered further.

2. Contractor Selection

The potential contractor will likely be selected from those that meet the required technical standards on the basis of lowest overall price to Geoscience BC. Geoscience BC, however, reserves the right to select a potential contractor that offers a higher technical quality irrespective of price.

3. Follow-On Work

At the discretion of Geoscience BC, contracts for subsequent phases of work may be considered by Geoscience BC on a directed basis to the same Contractor, subject to the results of this work, the Contractor’s satisfactory work performance, the availability of funding and program priorities. However, there is no implied commitment by Geoscience BC to proceed with any follow-up work.

ANNEX “D”: CERTIFICATIONS

To be considered responsive, proposals must contain the following certifications:

Legal Entity and Corporate Name

Please provide a statement to certify whether the Bidder is a sole proprietorship, partnership or corporate entity, indicating the laws under which the partnership or corporate entity was registered or formed, together with the registered corporate name. Also provide a statement identifying the country where the controlling interest/ownership (name if applicable) of your organization is located.

Any resulting contract may be executed under the following corporate legal name and at the following place of business:

Date _____ Signature _____ Print Name _____

for: _____ (Name of Proposing Party)

Availability and Status of Personnel

The Bidder certifies that, should it be authorized to provide services under any contract resulting from this solicitation, the persons proposed in its Bid will be available to commence performance of the work within a reasonable time from contract award, or within the time specified herein, and will remain available to perform the work in relation to the fulfillment of this requirement.

If the Bidder has proposed any person in fulfillment of this requirement who is not an employee of the Bidder, the Bidder hereby certifies that it has written permission from such person (or the employer of such person) to propose the services of such person in relation to the work to be performed in fulfillment of this requirement and to submit such person’s resume to the Contracting Authority.

During the Bid evaluation, the Bidder must upon the request of the Contracting Authority provide a copy of such written permission, in relation to any or all non-employees proposed. The Bidder agrees that failure to comply with such a request may lead to disqualification of the Bidder’s proposal from further consideration.

Date _____ Signature _____ Print Name _____

for: _____ (Name of Proposing Party)

Education/Experience Certification

We certify that all statements made with regard to the education and the experience of individuals proposed for completing the subject work are accurate and factual, and we are aware that Geoscience BC reserves the right to verify any information provided in this regard and that untrue statements may result in the proposal being declared non-responsive.

Should a verification by Geoscience BC disclose untrue statements, Geoscience BC shall have the right to treat any contract resulting from the Bid as being in default and to terminate it accordingly. Failure to include this representation and warranty with the Bid by executing the signature block immediately following this paragraph shall render the Bid non-responsive.

Date _____ Signature _____ Print Name _____

for: _____ (Name of Proposing Party)

ANNEX “E”: PREPARATION OF PROPOSALS

1. General Comments

- The proposal should be concise.
- Do not use filler pages and unnecessary attachments.
- Each proposal will be evaluated solely on its own merit.
- When preparing a proposal, you should do so in conjunction with the stated Evaluation and Selection Criteria (Annex “C”) against which your proposal will be evaluated
- The restatement of the technical requirements with a statement to the effect of “Intent to Perform” does not reveal the Bidder’s understanding of the task nor an ability to carry it out.

2. Technical, Management and Price Proposals

2.1 Submission of Proposal

When responding, your proposal is to be submitted on or before the time stated on the first page of this RFP.

2.2 Technical Proposal

Your attention is drawn to Annex “C”, against which the technical aspects of the acquisition will be evaluated. General requirements, line lengths, technical specifications and deliverable items (including a minimum processing sequence) are described in Annex “B”. The regional data will be acquired using the parameter sets specified in section 3 of Annex “B”.

The successful contractor will be invited to become involved in “fine tuning” the processing parameters to obtain optimal data. Your technical proposals should be concise and should address, but not necessarily be limited to, the following points:

Describe the data processing capabilities, including any specialised hardware or software likely to improve the quality of the data. Include the following details of the proposed processing sequence:

- 2.2.1 A description of the work program which you intend to subcontract, if applicable.
- 2.2.2 State your request or recommendations, if any, for deviations from the requirements; specify the reasons for such deviations.
- 2.2.3 Identify the key personnel who will be assigned to these requirements, showing experience, education and qualifications and their participation in each task.
- 2.2.4 Outline the facilities, background and experience of your organisation, particularly as they refer to these requirements. Include any technical literature or brochures.
- 2.2.5 Identify any proprietary information that you propose to use in the project.

2.3 Price Proposal

The price proposals should consist of the following:

- 2.3.1 Firm Price per line kilometer
- 2.3.2 Sales Tax and duties: Various items in your cost proposal maybe subject to various taxes, customs duties, etc., and this charge must be included in the prices **with the exception of Goods and Services Tax (GST).**
- 2.3.3 Goods and Services Tax (GST): The GST is **not** to be included in the price quoted by the Bidder. The total amount of GST is to be shown separately.

2.4 Management Proposals

Comprehensive Management Plans shall be submitted as part of the technical proposal. These Plans should address, but not necessarily be limited to the following points:

- a) Specify how you propose to control the management of the project and identify the project manager who will be responsible for overall control.
- b) Specify how you propose to control management of subcontracts, as applicable.

2.5 Method of Payment

The final payment for processing the data shall be made after all deliverables specified in section 3.3 of Annex “B” have been received and accepted by the Project Leader.

The progress and final payments for the processing contract will only be made provided that:

- a) the final claim is accompanied by the final processing report;
- b) the final report is accepted by the Contracting Authority, and no deficiencies related to processing are identified in the deliverables;
- c) the final claim is approved by Geoscience BC.

The processing contractor shall certify an original and three (3) copies of each claim and forward the original and two copies to Geoscience BC, and one copy to the Contracting Authority.