

TIMMINS ECONOMIC DEVELOPMENT CORPORATION

REQUEST FOR PROPOSAL

INTEGRATED GIS STUDIES AND DATABASE COMPILATIONS

ABITIBI GREENSTONE BELT, NORTHEASTERN ONTARIO

FOR

DISCOVER ABITIBI INITIATIVE

A PROJECT OF INNOVATION, COOPERATION AND REVITALIZATION

OF THE ABITIBI REGION OF NORTHEASTERN ONTARIO



December 9, 2004

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Request For Proposal

Integrated GIS Studies And Database Compilations

Abitibi Greenstone Belt, Northeastern Ontario

SUMMARY

This project covers several components of study in the Abitibi greenstone belt using Geographic Information Systems (GIS) applications. The project will continue to assemble digital geoscience data with the view to creating a complete digital geoscience atlas for the Discover Abitibi area. Additionally, existing and newly acquired digital data should be utilized to complete a GIS modeling component that will result in the production of value added integrated map products to aid in regional exploration for various commodities, with an increased focus on areas of thicker glacial drift (examples: Kirkland Lake-Matheson-Harker/Holloway areas). This project will expand the GIS products completed by the Geological Survey of Canada in an earlier phase of the Discover Abitibi Initiative. The project will require the completion of the fieldwork, collation of data and the production of the various products before December 2004.

PURPOSE AND OBJECTIVES

The purpose of this project is to provide the exploration community and other stakeholders with a comprehensive digital atlas of geoscience data. These data will provide an additional tool in making sound exploration decisions. The project will gather valuable data for the entire Abitibi, which will benefit the largest group of users, regardless of their area of interest. The proponent will take advantage of the advances in GIS technology, which allows for the rapid and powerful analysis of large quantities of data in the production of “smart maps”. The use of these technologies will lead to increased exploration; especially in traditionally hard to explore areas such as the overburden covered terrains common to the Abitibi. The proposal has three specific objectives:

- 1). Compilation and rapid publication of additional digital data already in digital format.
- 2). Conversion of valuable analogue databases, litho geochemistry, drill hole data, to digital format.
- 3). GIS modeling to produce integrated map/cd products for use by the exploration industry.

This proposal will build upon compilation work already completed (cd open file of geoscience data published jointly by the GSC/OGS in April 2002) to provide new data products and integrated maps that will vector companies to areas with higher mineral potential. The modeling will enhance the potential for discovery of new mineral deposits in all parts of the Abitibi but especially in areas harder to explore.

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INTRODUCTION

Specifications relating to: the Technical Proposal; Personnel; Deliverables; Budget; Quality Assurance/Quality Controls, Economic Benefits, Time Frame; Project Management; Data Management; Intellectual Property; etc.

are outlined below.

Bidders shall prepare a proposal **addressing all requirements of this RFP**

The proposal should be concise

Each proposal will be evaluated solely on its own content

The restatement of the technical requirements with a statement to the effect of – “Intent to perform” will not be satisfactory. Specific details of “where, what, how and why” must be provided to ensure a clear indication of the ***Bidder***’s understanding of the tasks involved and of their ability to carry them out.

Any costs in preparing the RFP are solely at the ***Bidder***’s expense

DETAILS OF THE TECHNICAL PROPOSAL

The technical proposal will have a broad scope in order to produce a revitalized understanding of the essential geological controls and hence the location of deposits in the Abitibi. The proposal should:

- Involve all aspects of a GIS compilation.
- the proposal should utilize all possible “state of the art” approaches in the investigation.
- bring the highest quality of expertise to the project.

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- provide a complete and equal coverage of, and generate an even level of knowledge to, the entire Discover Abitibi project area as much as is possible based on the random distribution of available data.

There is a wealth of information contained in thousands of drill logs that have never been submitted for assessment or are only partially accessible to a GIS application. This proposal should provide for the conversion of this drill data into a standard, comprehensive database for a large part of the Abitibi. In addition, approximately 7000 drill holes exist in the MNDM core library system. Geology for these drill holes will be integrated into an existing Access database, making these data fully portable into GIS software. GIS modeling of the BRIM/KLIP overburden drilling programs will allow exploration companies and prospectors to more effectively use these data in their exploration decisions.

DATA MANAGEMENT, INTEGRATION, ARCHIVING

The proposal will provide specific details on how:

- “existing” data will be incorporated into the project. Within the Abitibi there already exists an enormous data set with regard to: rock types, structure, alteration, geochronology, isotopes, litho geochemistry, geophysics, etc. How will this data (i) be screened for “Quality”; (ii) how will it be captured, organized and incorporated into the project in order to produce equal and complete coverage throughout the Abitibi, and (iii) how will it be used as the basis of a “gap analysis” to highlight where/what critical data is currently missing in the Project Abitibi area?
- how “new” data, originating from the project, will be “seamlessly” added to the “existing” data?

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- how the many different data sets produced by the various methodologies involved, and obtained at a wide variety of scales throughout the entire Abitibi will be integrated together?
- how all the data sets will be “archived” but also will be available and easy to access and use in any subsequent project.

QUALITY ASSURANCE / QUALITY CONTROL (QA / QC)

The proposal will provide specific details on how QA/QC will be achieved for the various technical components:

- in the field
- in the laboratory
- by subcontractors
- in reports and datasets
- in the archived material
- against the project timetable

DELIVERABLES

The proposal will provide specific details of the form, scales, content, and timing of the deliverables in relation to the scope of work described above, the Technical Proposal. A clear distinction should be made between factual (reproducible) data sets and interpretation data sets.

An important aspect of the proposed work is to generate local, Abitibi-based, follow-up. Hence “workshops” in the Abitibi area to initiate a “hands on” delivery of the new results/new interpretations to Timmins/Kirkland Lake explorationists should be considered as a component of the deliverables.

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The deliverables shall include but are not restricted to the following:

- CD-ROM(S) detailing the compilations completed. The CD ROM (S) will contain data in formats readily useable by companies and prospectors along with data viewer software and documentation describing the data. Some elements of the databases (drill holes) may be viewable with an interactive 3-D viewer. The data should be such as to allow its portability into more sophisticated software for further processing or view/query directly with easy to understand software included with the publications.
- 1 Final report in Open File format with a synthesis of the results.
- Additionally there will be monthly updates on project achievements and a brief summary of expected work.
- Presentation of findings (talk) and booth at the OPA symposium in December 2004.

INTELLECTUAL PROPERTY

The “Intellectual Property” resulting from the proposal belongs to **TEDC**; however, the ability of the **Bidder** to publish, give presentations etc. will not unreasonably be withheld by **TEDC** but prior to publishing/presentations the **Bidders** first must have written authorization from the **TEDC**.

INFORMATION ON THE BIDDERS: Personnel/Staffing:

- Details of the Project coordinator; address, phone, fax, email
- Details of Principal Investigators: with addresses, phone, fax, email
- Resumes, for the project coordinator and principal investigators, should be provided giving full names; citizenship; education and/or professional qualifications with years and granting institution; languages spoken;

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employment record, including employers, years and places of employment, type of work performed; and the extent of previous experience relevant to the function to be delegated in this project.

- Management, relationship between the above Individuals. An organization chart for this project (with names and functions) should
- be provided showing the reporting responsibilities of the personnel involved.
- Information should be provided on **Project Experience, Current Work load, Capacity to undertake this Project.**
- Information should be provided on the relationship of the *Bidders* to any other analogous projects that they are currently involved with.
- Similar projects recently undertaken, including location, size, budget, date, client, contact name and telephone number either in the Ontario Abitibi, or, on parallel topics elsewhere, but occurring in the same time frame as this proposal
- Capacity, particularly in terms of current workload, flexibility in term of being able to cope with workload variations, any overlapping capabilities of personnel should be discussed.
- The *Bidder* certifies that all statements made with regard to the education and the experience of the individuals proposed to participate in and complete this project are accurate and factual. *TEDC* reserves the right to verify any information provided in this regard and that untrue statements may result in the proposal being declared non compliant. Should a verification by *TEDC* disclose untrue statements, *TEDC* shall have the right to treat any contract resulting from this Bid as being in default and terminate it accordingly.

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SUBCONTRACTORS

If the *Bidders* propose to sub-contract any of the work within the bid then the division of work and delineation of responsibilities must be described in detail. The *Bidders* shall act as the prime contactor and shall negotiate, sign all contracts and take full responsibility for the project.

The *Bidders* should explain their relationship to subcontractors, if any are going to be involved in the project

If subcontractors are to be used in the Project **full details** of their expertise, experience, capabilities to carry out the delegated work should be provided.

If the *Bidder* has proposed a person (or persons) to fulfill any portion of this project who is not a Principal Investigator, or who is not directly supervised by a Principal Investigator the *Bidders* should provide written permission from such person (persons) (i.e. a Subcontractor) to provide the services designated in relation to the work to be performed in fulfillment of this project.

TIME FRAME / TIME TABLE

The proposal will provide specific details of how the project will be organized in relationship to the total time frame including a detailed timetable for each technical component, and also a detailed timetable for project completion, report writing and the presentation of the final deliverables.

ESTIMATED COSTS

The proposal will provide specific details of the costs to carry out the Technical Proposal.

The Estimated Costs will provide full details by Technical component, e.g. Personnel, Salaries, travel/room/board and/or any other identified expenditure.

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The proposal will also provide an indication of the flow of funds required for the project, **through time**, in order to establish the basis of “cash calls” from *TEDC* and payment schedule should be included.

These costs must be the “**Total All Inclusive Project Costs** (including GST). The *Bidder* must bear in mind that **no payments other than the Total All Inclusive Project Costs** will be made to the *Bidder* by the *TEDC*.

The Estimated Costs will provide details of any other sources of funding (agency/program) that any of the Principal Investigators are receiving, or have applied for, to carry out substantially similar studies in the Ontario Abitibi in the same timeframe.

The proposal will indicate if there is the possibility of any “Third Party” funding and/or in kind Industry Sponsorship, etc.; and the order of magnitude of such possible funding.

The *Bidders* will be responsible for providing accounts to *TEDC* within 30 days of the end of each month or as per an agreed upon payment schedule.

TEDC will withhold 10% of the total final approved budget until full and complete delivery of all data, reports, maps etc. in an acceptable format is complete.

PROJECT MANAGEMENT

The proposal will indicate the reporting relationship between the Project Team and the *TEDC*, the Project Manager of Discover Abitibi, and/or a Technical Steering Committee of Discover Abitibi.

The proposal will provide specific details on how coordination between the Principal Investigators and any subcontractors will be achieved.

The proposal will contain details of how the projects’ progress will be monitored, with specific milestones and performance measures being outlined.

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RESPONSIBILITIES OF THE *BIDDER*

The HSE, insurance, Workmen's Compensation aspects of all operations are the responsibility of the *Bidder*.

The bidder must provide a statement of insurance coverage, saving harmless TEDC from any event held to be in the Contractor's area of responsibility during the period of any contract developing out of a bid made by the contractor. The successful consultant will submit proof of liability insurance coverage of a minimum of \$2,000,000.00 (job specific coverage).

All contractual arrangements for lease of vehicles, instruments and equipment, etc. are the responsibility of the *Bidder*.

LEGAL ENTITY AND CORPORATE NAME

The *Bidder* should provide a statement as to whether it 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 or corporate name. Also, the *Bidder* should provide a statement identifying the country where the controlling interest/ownership (name if applicable) of its organization is located.

INSURANCE

The bidder must provide a statement of insurance coverage, saving harmless TEDC from any event held to be in the Contractor's area of responsibility during the period of any contract developing out of a bid made by the contractor.

The successful consultant will submit proof of liability insurance coverage of a minimum of \$2,000,000.00 (job specific coverage) and that the firm is in good standing with the W.S.I.B.

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MISCELLANEOUS ELEMENTS

A complete copy of the proposal should be delivered to the project manager on or before Jan 21, 2005 at the following location:

Robert Calhoun, Project Manager

54 Spruce Street South

Timmins, Ontario P4N 2M5

- A full description should be provided of any omissions or deviations from the requirements set forth in this RFP. Any additional elements should be clearly outlined and cost estimates presented separately so that the subcommittee may consider the value added and distinguishes such elements from the required elements of the RFP. The effect of any omission on the total cost shall also be included. If there are no omissions or deviations from this RFP, the respondent shall state the following: “This proposal contains no omissions or deviations from the RFP.”
- No payment will be made to a consultant for the preparation and submission of a proposal.
- The lowest or any tender will not necessarily be accepted.
- A detailed outline of the firm’s per diem rates and a breakdown of subcontractor rates.
- All prices must be quoted in Canadian dollars, to include all applicable taxes.
- Conditional bids will not be accepted.

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- Adjustments to the proposal by telephone, fax, telegram, e-mail will not be accepted.
- Erasures, overwriting or strikeouts must be initialled by the person signing on behalf of the organization submitting a proposal.
- Proposal submissions constitute a firm offer and if successful will constitute part of the agreement.
- The consultant must have a clause in their proposal that indicates that prices are open for ninety (90) days from the proposal closing date.
- All consultants shall comply with all the legislation and regulations, which may be applicable to completing this proposal. The Consultant represents and warrants to the TEDC that the services will be carried out in strict compliance with the *Professional Geoscientists Act*, S.O. 2000, c.13 (the “Act”), and that all individuals (including sub-contractors and sub-consultants) performing the Work or any part thereof will be a member in good standing of the Association of Professional Geoscientists of Ontario (as that term is defined in the Act), unless otherwise exempt from such requirement in the Act.
- All proposals must be complete, legible and signed in ink by an authorized official.
- The TEDC reserves the right to engage any contractor and the lowest or any tender will not necessarily be accepted.
- Should a consultant find discrepancies or omissions from the RFP prior to the closing date, the Project Manager is to be contacted as soon as possible in order that a written instruction or an addendum can be issued.

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- Any proposals received after the above referenced deadline or received by facsimile or by email will not be considered for this project and will be returned to the consultant unopened.
- The Project Management Team will review qualifying proposals. The preferred candidate for this project will then be recommended to the TEDC Board for engagement of services. A formal contract will then be entered into between the TEDC and the successful firm as per the Request for Proposal to the satisfaction of the TEDC and executed as required.
- The TEDC reserves the right to ultimately select, in its own best judgment, which firm it deems most qualified to undertake this project. The TEDC may select any proposal or reject all proposals and is not bound to accept the proposal with the lowest price.
- **In addition, firms are advised that the awarding of any contract relating to this project is contingent upon confirmation of partnership funding in support of this project.**
- **Consultants wishing to respond to the RFP must register by e-mail no later than January 7, 2005. A brief e-mail confirming your intentions to submit a response and a key contact should be identified. We require complete mailing address, telephone and e-mail address. Questions regarding the project will be answered via e-mail and sent to all firms.**

Please register with: Mr. Robert Calhoun
Project Manager
Timmins Economic Development Corporation
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Timmins, ON
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Tel: 705-360-8485
Fax: 705-360-1394
E-Mail: rcalhoun@city.timmins.on.ca

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