

INVITATION TO TENDER

Acquisition of Multichannel Seismic and Multibeam data and acquisition and processing of Gravity data off the Faroe Islands.

(Open procedure)

1. Introduction

The Geological Survey of Denmark and Greenland (GEUS) intend to acquire multichannel reflection seismic and gravity data off the Faroe Islands. Furthermore GEUS intends to acquire a multibeam survey and to process multibeam data in the same area. Service providers are invited to submit tenders to these works.

Bids are invited for

- a) Acquisition of multichannel reflection seismic and gravity data off the Faroe Islands.
- b) Acquisition and processing of multibeam data and acquisition of gravity data to the South of the Faroe Islands.

Bids shall be submitted in a sealed envelope, (1 original and 2 copies), prior to 12.00 hrs GMT-1, 19. March 2007.

Supplementary material will be announced at GEUS Homepage - www.geus.dk – respectively on 05 February and 15. February 2007.

2. Services to be provided

2.1 Acquisition of multichannel seismic reflection and gravity data.

As part of activities in relation to the United Nations Convention on the Law of the Sea (UNCLOS) Article 76, GEUS intends to acquire data off the Faroe Islands. The survey will cover a total of approximately 1000-km in the area north of the Faroe Islands and approximately 2000-km in the area south of the Faroe Islands.

Map of the survey areas are shown in figure 1, enclosure 1.

A detailed description of technical requirements for acquisition of seismic and gravity data, appendix 1 will be announced on GEUS Website - www.geus.dk – 05. February 2007.

2.2 Acquisition and processing of multibeam and acquisition of gravity data

As part of the same activities as mentioned in section 2.1, GEUS intends to acquire multibeam data south of the Faroe Islands. The minimum survey will consist of approximately 10.000 km² multibeam coverage in Area A south of the Faroe Islands, to be acquired with a multibeam and gravity equipment.

GEUS may acquire additional approximately 30.000 km² of data in area B. Map of the survey areas is shown figure 1, enclosure 2 .

A detailed description of technical requirements for multibeam and gravity acquisition and processing is found in appendix 3, to be announced at GEUS Website - www.geus.dk - 05 February

2007. A more detailed map of survey areas, will be announced on GEUS Website - www.geus.dk - 15 February 2007

2.3 Time schedule

The work off the Faroe Islands has to be carried out during the summer period and the best season is May to September. The acquisition of the surveys has to be finalised during this period. Processing of Multibeam data shall be performed in succession with acquisition and start as soon as data is available.

Final processed multibeam data must be delivered to GEUS not later than November 30, 2007.

3. Minimum information requirements

3.1 Qualifications for acquisition of seismic data and gravity.

The tender documents (to be announced at GEUS Website - www.geus.dk - 05 February 2007) will specify the requirements the service provider shall fulfil when tendering.

The following outlines and lists the subjects which will be specified further in the tender documents:

- The service provider shall have extensive experience and proven competence in executing 2D data acquisition and/or processing work in similar areas.
- The documentation to be submitted with the tender for the contract shall include:
 - organisation and resources including specialists;
 - qualifications of allocated personnel;
 - References from similar work undertaken as main contractor during the past 3 years, stating clients, locations, types of work, equipment and techniques employed and contract values. Provide for 3 of the listed contracts the names and addresses of the client and contact names, who may be approached for references;
 - personnel safety statistics for the past 3 years;
 - provide evidence/documentation of an implemented quality system according to ISO 9001, or equivalent;
 - provide evidence/documentation for an implemented environmental system according to ISO14001, or equivalent;
 - provide evidence/documentation for an implemented health and safety system;
 - Audited annual accounts for the past 3 years and information about turnover of services performed relating to seismic acquisition and/or processing.
 - declaration that the company does not have unpaid, due debts towards the Danish government or national governments in the country in which the company is situated
 - GEUS will exclude from the short-listing procedures any person or company who has unfulfilled obligations relating to the payment of taxes in excess of DKK 100,000. Reference is made to the Danish act on restrictions on debtors'

eligibility to participate in public tender procedures (Act No. 1093 of 21 December 1984). The prospective tenderer shall provide documentary evidence of his fulfilment of this eligibility criterion.

The contractor shall provide a complete survey system, including vessel, seismic, sonobuoy and gravity system, operators and engineers, on-board data processing and QC capability and ancillary office capacity to support the survey program.

CV's from relevant personnel shall be included in the tender.

The contractor, in consultation with GEUS, will take responsibility for survey planning.

3.2 Qualifications for multibeam and gravity.

The tender documents will specify the requirements the service provider shall fulfil when tendering. The following outlines and lists the subjects which will be specified further in the tender documents:

- The service provider shall have extensive experience and proven competence in executing multibeam and gravity data acquisition and processing work in similar areas.
- The documentation to be submitted with the tender for the contract shall include:
 - organisation and resources including specialists;
 - qualifications of allocated personnel;
 - References from similar work undertaken as main contractor during the past 3 years, stating clients, locations, types of work, equipment and techniques employed and contract values. Provide for 3 of the listed contracts the names and addresses of the client and contact names, who may be approached for references;
 - personnel safety statistics for the past 3 years;
 - provide evidence/documentation of an implemented quality system according to ISO 9001, or equivalent;
 - provide evidence/documentation for an implemented environmental system according to ISO14001, or equivalent;
 - provide evidence/documentation for an implemented health and safety system;
 - Audited annual accounts for the past 3 years and information about turnover of services performed relating to seismic acquisition and/or processing.
 - declaration that the company does not have unpaid, due debts towards the Danish government or national governments in the country in which the company is situated
 - GEUS will exclude from the short-listing procedures any person or company who has unfulfilled obligations relating to the payment of taxes in excess of DKK 100,000. Reference is made to the Danish act on restrictions on debtors' eligibility to participate in public tender procedures (Act No. 1093 of 21 December 1984). The prospective tenderer shall provide documentary evidence of his fulfilment of this eligibility criterion.

The contractor shall provide a complete survey system, including vessel, multibeam sonar system, gravity system, operators and engineers, on-board data processing and QC capability and ancillary

office capacity to support the survey program.

The officer in charge shall hold an “IHO category A surveyors license” or equivalent. CV’s from relevant personnel shall be included in the tender.

The contractor, in consultation with GEUS, will take responsibility for survey planning.

3.3 Proposal for scope of services and technical specifications

The scope of services is outlined in Enclosure 1 and 2 and the proposal shall include a description of project organisation including project management, co-ordination and communication, QC and safety management.

3.4 Compensations (Economical offers in DKK) The economical compensation includes:

- A financial proposal for acquisition of seismic data, gravity data and acquisition and processing of Multibeam data.
- or a financial proposal for seismic and gravity acquisition
The tendered shall use the format in Enclosure 1 (Price quotation), to give a price quotation for the seismic acquisition, based on the scope of services given in Enclosure 1.
Bids not complying with this format may be rejected.
- or a financial proposal for multibeam and gravity acquisition.
The tender shall use the format in Enclosure 2 (Price quotation), to give a price quotation for the multibeam and gravity acquisition, based on the scope of services given in Enclosure 3.
Bids not complying with this format may be rejected.

3.4 Language, format, number of copies

The bid shall be submitted in English or in Danish in a sealed envelope as outlined in section 5.2 and 6.

4. Contract

Draft contracts will be provided at GEUS Website - www.geus.dk - 15 February 2007.

5. Deadline of tender

5.1 Deadline for supplementary information/questions

Any additional questions, request for supplementary information regarding the Tender Documents, and any reservations against the terms of agreement shall be addressed to the

Geological Survey of Denmark and Greenland (GEUS)
Oester Voldgade 10
DK-1350 Copenhagen K,
Denmark
Attn.: Steen Lomholt

By mail or by fax no. + 45 38 14 20 50 - being marked "URGENT - GEUS J. no. 0413-00117" or e-mail slo@geus.dk and received by GEUS prior to 12.00 hrs GMT-1 on 25 February 2007.

Not later than 02 March 2007 GEUS will answer the requests/questions in writing. Requests/questions and answers will be forwarded to all tenders in an anonymous form together with any necessary clarifications or amendments to the Tender Documents caused by the requests/questions. Within the same time limit GEUS will decide to what extent any submitted reservations against the terms of agreement etc. can be accepted as general amendments to the Tender Documents.

It is assumed that adjustments to the Tender Documents based on the questions and opinions of the tenders will not be to such an extent that it implies a new tender announcement in the EU.

5.2 Deadline for receipt of tenders

The tender shall be sent by registered mail or courier in a sealed envelope (1 original and 2 copy) and shall be received by the Geological Survey of Denmark and Greenland prior to 12.00 hrs GMT-1 on 15 March 2007.

Tenders received later than the above-mentioned deadline will be rejected and returned unopened.

5.3 Duration of tender

Tenders may lapse after: 3 months

6. Tender submission

The tender shall be marked: "Confidential, §76, Seismic and /or multibeam tender, GEUS J. no. 0413-00117 and addressed to:

Geological Survey of Denmark and Greenland (GEUS)
Oester Voldgade 10
DK-1350 Copenhagen K,
Denmark
Attn.: Steen Lomholt

Tenders shall be submitted in (1 original and 2 copy). The language shall be English or Danish.

Attention is drawn to the fact that mail might be opened in the administration of GEUS, if the envelope is not marked as stated above. Tenders submitted by telex, fax or e-mail are not accepted.

7. Opening of tenders

Tenders will be opened in private and will take place immediately after time limit.

8. Tender evaluation

8.1 Criteria

The criteria for award of contract will be the economically most advantageous tender taking into account criteria listed in the tender documents.

Evaluation of tenders will be based on six groups:

- Seismic and gravity acquisition based on a fixed price pr. Km.
- Seismic and gravity acquisition based on a day rate.
- Seismic and gravity acquisition and multibeam acquisition and processing, including gravity acquisition combined based on day rates.
- Seismic and gravity acquisition and multibeam acquisition and processing, including gravity acquisition combined based on fixed price pr. Km.
- Multibeam acquisition and processing and gravity acquisition based on a fixed price pr. km²
- Multibeam acquisition and processing and gravity acquisition based on a day rate.

8.2 Seismic and gravity acquisition

A two-step approach to the evaluation will be used:

The first step concerns the general qualifications of the tenderer. At least 4.0 points should be obtained in order to qualify for the second part of the evaluation.

Criteria I Seismic	Weight %
Extensive experience and proven competence in executing 2D data seismic acquisition in similar areas	40
Organisation, management and resources including specialists	20
Qualifications of allocated personnel incl. Key personnel CV	20
QC, health and safety	20

The second step concerns an evaluation of the offer and the overall criteria: the economical most advantage tender.

Criteria II Seismic	Weight %
Seismic equipment	30
Gravity equipment	10
Cost	30
Capacity	15
Mobilisation/Demobilisation	15

8.4 Multibeam acquisition and processing and gravity acquisition.

A two-step approach to the evaluation will be used:

The first step concerns the general qualifications of the tendered. At least 4.0 points should be obtained in order to qualify for the second part of the evaluation.

Criteria I Multibeam and gravity	Weight %
Extensive experience and proven competence in Multibeam acquisition in similar areas	40
Organisation, management and resources including specialists	20
Qualifications of allocated personnel incl. Key personnel CV	20
QC, health and safety	20

The second step concerns an evaluation of the offer and the overall criteria: the economical most advantage tender.

Criteria II Multibeam and gravity	Weight %
Multibeam equipment	30
Gravity equipment	10
Cost	40
Capacity	10
Mobilisation/Demobilisation	10

8.5 Points

Points are given according to the scale below

Best possible	8 points
Very satisfactory	6 points
Satisfactory	4 points
Unsatisfactory	2 points
Evaluation not possible	0 point

Odd number points can be given. In the evaluation of the costs, the lowest bid is given 8 points. Higher bids are awarded points inversely proportional to the lowest bid (using two decimal points).

Points = $8 \times ((\text{lowest bid}) \text{ divided (by actual bid)})$

Example:

Lowest bid: 20 DKK

Actual bid: 22 DKK

Points = $8 \times (20:22) = 7,27$ points

GEUS will be free to accept offers on only one part of the service i.e. seismic acquisition or to reject all offers.

9.0 Award criteria

The final contract will, subject to GEUS' evaluation and decision, be awarded to the economically most advantageous tender representing value for money (highest number of points). GEUS reserves the right to choose freely between tenders differing less than 10 %.

10. Cancellation

GEUS reserves the right to cancel the tender.

10.1 Changes before deadline

GEUS will be free to change the offer in the period for tender and possibility to extend the tender period.

11. Expenditure

Participation in the tender is at the company's own risk and expense. GEUS accepts no liability whatsoever arising from participation in this tender.

12. Supplementary material: (will be provided at GEUS Website - www.geus.dk - 5 February 2007)

Enclosure 1 Acquisition of multichannel seismic data off the Faroe Islands: Technical requirements.

Enclosure 2 Acquisition and processing of multibeam data off the Faroe Islands: Technical requirements.