

14/6/2020

To:
Bidders in International Public Tender for High Resolution Surveys
(INGL/TENDER/2020/04)

Operations Department
e-mail: daniel@ingl.co.il
Ref: **428650**

[By e-mail]

Amendments and Clarification no 1
International Public Tender for High Resolution Surveys (INGL/TENDER/2020/04)
(the "Tender")

1. General

- 1.1. All capitalized terms not expressly defined herein shall have the meaning attributed to them in the Tender Documents.
- 1.2. The amendments and clarifications appearing below replace and supersede all prior correspondence, whether written or oral, and shall constitute the sole binding document with respect to the subject matter hereof and an integral part of the Tender Documents.
- 1.3. For the avoidance of doubt, the questions referred to below are not quoted verbatim and are provided for the purpose of reference and information only. There is no significance to the assumptions made in the questions. The answers are brought here on a standalone basis and should not be deemed to interpret the questions.
- 1.4. Except where expressly stated herein, nothing in this amendment and clarification letter shall be construed to derogate from the Tender Documents.
- 1.5. **Bidders are requested to send a confirmed signed copy of this Amendment & Clarification no. 1 immediately upon its receipt and to submit it signed as integral part of their Bid.**

2. Clarifications

- 2.1. See list of questions and clarifications attached hereto as **Appendix A**.
- 2.2. **All other terms and conditions of the Tender remain unchanged.**

3. Amendments

3.1. Last Submission Date

The last date for submission of Bids (as provided for in Clause 7 of the ITB) is postponed to June 23, 17:00 (Israel time).

3.2. Annex BB1

The following paragraphs of Annex BB1 shall be amended:

- In Section 2.3, sub-clause (1) on page 10 the words "acquired on" shall be replaced with the words "part of".
- Section 2.3, sub-clause (2) on page 10 that begins with the word "MBES" and ends with the word "MBES" shall be deleted.
- In Section 2.5, sub-clause 1, after the words "QPS QINSY" shall be added: "or equivalent".
- In Section 2.2, at the end of the sentence that begins with the word "Lacate" and ends with the word "seabed", shall be added: "(subject to ROV capabilities)".

Please find attached hereto as **Appendix B** the amended **Annex BB1**.

3.3. General

The Company wishes to clarify and emphasize that Surveys executed by ROV/IROV shall be **continuous** throughout their whole execution.

In every place the terms ROV/IROV are used in the Tender Documents regarding surveys to be executed (including the Technical Volumes), the meaning shall be **continuous** survey.

Sincerely yours,


Israel Natural Gas Lines Company Ltd.

* * * * *

Acknowledgement of Receipt

We, the undersigned, hereby confirm that we received **Amendment and Clarification No. 1** to International Public Tender for High Resolution Surveys (INGL/TENDER/2020/04)

.....

Date

.....

Company

.....

Signature

Appendix A

QUESTION - Q

ANSWER - A

GENERAL CONDITIONS- **GTC**

INVITATION TO SUBMIT BIDS – **ITB**

QUESTION # ANSWER #	DOCUMENT SECTION	CLARIFICATION
Q-1	General	Please provide us with the previous survey reports and results.
A-1		The previous survey reports shall be provided to the winning Bidder.
Q-2	General	Please provide us with Information regarding the identity of the previous Contractor that executed the Surveys for INGL & its Commercial Proposal.
A-2		The request is denied. It should be noted that the Technical Requirements of the Surveys under this Tender materially differ from the Surveys previously executed.
Q-3	General	A Bidder proposed to use Hybrid AUV/ROV (HAUV) systems to perform the Surveys.
A-3		The request is denied. Bidder must meet all the threshold requirements stated in clause 12 of the ITB.
Q-4	ITB, Section 7	The Company has been requested to postpone the Last Submission date
A-4		The Bids shall be submitted by no later than the updated Last Submission Date, 23.6.2020 17:00 (Israel time) .
Q-5	ITB, Section 8	Please clarify, in case of submitting the Bid by e-mail, must the scanned documents titled Envelope 2 be protected by a password, or sent in a separate email message.
A-5		There is no need for a password protection or separate email messages. Each "Envelope" shall be sent as a separate PFD (or other) file named accordingly (Envelope 1 or Envelope 2). The files named Envelope 2 shall be opened only at stage 3 as set forth in Section 6.3 of the ITB
Q-6	ITB, Section 12	Is it allowed to submit Bids as a consortium Bidder with one of the Bidder's partner companies or using a sub-contractor?
A-6		Specific parts of the Works can be sub-contracted, as provided for in Clauses 12.4 and 13.4.6 of the ITB. It is not allowed to submit Bids by a consortium Bidder or a JV.

QUESTION # ANSWER #	DOCUMENT SECTION	CLARIFICATION
Q-7	ITB, Section 13.4.3	Please confirm if Annex A3 can be signed by the Bidders' lawyer or does it require a signature of official notary?
A-7		The signature of the Bidders' lawyer is sufficient. There is no need for official notary signature.
Q-8	ITB, Section 13.4.12	Please clarify if ANNEX AA1 should be duly signed by a CEO, Bidder's lawyer or an official notary?
A-8		Annex AA1 shall be duly signed by the Bidder's Authorized Representative whose signature is binding upon the Bidder. The signature shall be authorized by an attorney (the Bidder's lawyer or any other attorney or notary).
Q-9	Annex A10	Please clarify whether the Surveys shall be executed once a year with the same requirements and for the same Lump Sum?
A-9		As set forth in Clause 1.6 of the ITB, the Company intends (but does not undertake) to execute the Surveys every 4 years. For the execution of any additional Survey, the Contractor will be paid the lump-sum amount presented in its Commercial Proposal for the execution of the Surveys, plus 0.5% for every full year that shall lapse as of the submission of Bids (as set forth in Clause 5.3 of the ITB) and subject to adjustments as provided for in Q&A 10 below.
Q-10	Annex A10	Please clarify, if the Scope of Work (SOW) may change during the years, in a way of additional or reduced quantities` and if so, is there any variation mechanism towards the payment of the Lump Sum quoted in the Commercial Proposal.
A-10		<p>The SOW may change by way of added or reduced quantities, according to the Company needs and requirements. To this end it is noted that the Company intends to construct the Ashdod – Ashkelon off-shore high pressure natural gas pipeline of 42km length and that this section is expected to be surveyed as part of the next survey.</p> <p>In case of increase or reduction in quantities, the Lump Sum consideration (minus the cost attributed to the Contractor's Mob/Demob to the site) shall be updated on pro rata basis, according to the length of the pipeline under survey. For example, if the Lump Sum proposed for the current Survey is 100 USD, out of which 10 USD can be attributed to Mob/Demob, then the pro rata adjustment</p>

QUESTION # ANSWER #	DOCUMENT SECTION	CLARIFICATION
		shall be applied to the remaining 90 USD.
Q-11	GTC	The company was requested to make amendments to several Clauses of the GTC.
A-11		All such requests are denied.
Q-12	Annex BB1 - Route Survey Specification	Please clarify whether the required CP readings are contact readings only at exposed pipe sections or anodes or whether a continuous CP survey including field gradient readings is required.
A-12		Both CP readings (Contact readings at exposed pipe sections or anodes & a continuous CP survey including field gradient reading) are defined and required.
Q-13	Annex BB1 - Route Survey Specification	Please confirm that the maximum water depth in which the Surveys shall be executed is 50m.
A-13		As described in Annex BB1, most of the offshore systems are laid at 50m depth (Ashdod - Dor). However, the Surveys shall also be executed on the Company's pipeline and sub-sea valve station located 10 km west from Hadera that are laid at 70m - 80m depth.
Q-14	Annex BB1	Total routes line KM is approximately 101 Km. Please provide us with RPL for each route.
A-14		Please see the system description in Annex BB6. The RPL shall be provided to the winning Bidder.
Q-15	Annex BB1, section 2.3	Please confirm that up to 10m water depth, corridor = 20m (i.e. +/- 10 from CL) and from 10m to 50m water depth, corridor = 60m (i.e. +/- 30m from CL).
A-15		Confirmed.
Q-16	Annex BB1, Section 2.3, sub-clauses 1 and 2 on page 10	Please clarify what is the difference between Option 1 and Option 2.
A-16		Only option (1) is relevant, SBES (meaning A hydrographic single beam echosounder (dual frequency)) to be acquired on SSS & MBES; option (2) is cancelled.
Q-17	Annex BB1, Section 2.4	Regarding the position of x, y, z of the trenched pipeline, please confirm that 1m interval is accepted.
A-17		The request is denied. X, Y, Z positioning of the trenched pipeline shall be provided continuously and not in intervals.
Q-18	Annex BB1, Section 2.4	Please be advised that no pipeline detection can be achieved within the area of transition zone and expansion loops that are protected by mattresses. Please confirm acceptance

QUESTION # ANSWER #	DOCUMENT SECTION	CLARIFICATION
A-18		Confirmed.
Q-19	Annex BB1, Section 2.5	Please confirm that equivalent software can be used instead of QINSy and Visual soft.
A-19		The request is accepted. An equivalent software that meets all the requirements in section 2.5 of Annex BB1 can be used.
Q-20	Annex BB1, Section 2.16	Vertical datum (LSD) is not available unless the client supplies tide readings, otherwise the Contractor will use GPS tide referenced to MSL. Please confirm acceptance
A-20		The request is denied. Vertical datum can be and shall be referred to the Israeli Network Land Survey Datum.
Q-21	Annex BB1, Section 4.1.2	Regarding "Inshore Area" table, please clarify if SSS required in waters of 0-10 meters depth.
A-21		SSS is required in water reaching 10m depth and more. The Contractor is requested to provide SSS in water under 10m if possible (CPSA).
Q-22	Annex BB1, Section 4.1.2	The table regarding offshore area does not include SBP. Please clarify if a sub-bottom profiler is required or not.
A-22		Sub-bottom profiler is not required.
Q-23	Annex BB1	Please be advised that SBES system does not have hard copy output printing.
A-23		Please see on: https://www.semanticscholar.org/paper/Comparison-of-Single-beam-and-Multibeam-Sonar-for-Ni-Wang/75b32c850e3683323a7c6d6a74e5466f995dfafa
Q-24	Annex BB1, Section 4.1.5	Please clarify what are the analogue form requirements.
A-24		Thermal printing of the raw data is required.
Q-25	Annex BB1, Section 4.2.1	Please adjust Section 4.2.1 of Annex BB1 so that it should be the Company's responsibility to make a written contact with the owners of all pipelines and in-service cables that are to be crossed during the performance of the Surveys.
A-25		The request is denied. The coordination with the owners of pipelines shall be done by the Contractor. Without derogating from Contractors' responsibility, the Company will assist the Contractor with such coordination.
Q-26	Annex BB1, Section 5.2.3	Please provide the deviation acceptance tolerance from the as-built to be reported.
A-26		The deviation acceptance tolerance is 1.5%. Any deviation from the as-built should be reported and analyzed.
Q-27	Annex BB1, Section	Please note that the removal of any debris from any

QUESTION # ANSWER #	DOCUMENT SECTION	CLARIFICATION
	2.2	equipment or immediate surrounding seabed as required in section 2.2 of Annex BB1 is subject to ROV capabilities and possibility of debris recovery/clearance.
A-27		Noted. To be discussed with the Contractor during the Works.
Q-28	Annex BB6	Kindly provide us with a chart/map showing the exact location and area of the Surveys.
A-28		Annex BB6 provides a detailed description of the Surveys area.