

27/05/2019

To:
Bidders in International Public Tender for
the Manufacture and Supply of Ball Valves
(INGL/TENDER/2019/17)

Contract & Procurement
Department
e-mail: c-tender@ingl.co.il
Ref: 395305

Via: e-mail and INGL Website

**Re: Clarification & Amendment no 1 -
International Public Tender for the Manufacture and Supply of Ball Valves
(INGL/TENDER/2019/17)**

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 clarifications and amendments 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. Except where expressly stated hereafter, nothing in this clarification and amendment letter shall be construed to derogate from the Tender Documents.
- 1.4. **Bidders are requested to send a confirmed signed copy of this Clarification & Amendment no. 1 (initials signature is requested for all pages, including the printed versions of the PDF files in Sections 3.1 – 3.3 below) attached to this document, immediately upon its receipt, as well to submit them signed as integral part of their Bid.**

Q – Question, **A** – Answer

ITB – the instruction Submit Bids (doc. no. 397389)

INGL - the Company

2. Clarifications

[See next page]

#		DOCUMENT SECTION	CLARIFICATION
1	Q	Spec. EEN-EPI-SPC-022, Section 3.1 Contract, Annex 1, Section A	Guideline NEN3650 is not applicable; we do not use pipeline pipes for pup pieces. We use ring forged parts. Our ball valve design is according to EN14141 (see attached certificate)
	A		The NEN3650 is the System design code and the prevailing standard. The manufacturing standards of the Supplier should conform to the NEN3650. It is the Supplier's responsibility to verify there is no contradiction between the EN14141 and the NEN3650.
2	Q	Spec. EEN-EPI-SPC-022, Section 3.2	<p>A Safety factor of S=2.5 is requested.</p> <p>Please clarify since the design factor of a 2.0 - 2.2 is a standard delivery in Natural Gas Transmission systems in Europe.</p> <p>For 36" we have a design factor of 1.5 - please advise if this is acceptable?</p>
	A		Not acceptable, No change in the Specification.
3	Q	Spec. EEN-EPI-SPC-022, Section 4.2	Please see our attached welding designs (SK11858, SK11955, SK12215) and confirm the design is acceptable
	A		We cannot approve specific designs and drawings of any of the Bidders during the Clarification stage of the Tender. Drawings shall be reviewed during the Quality evaluation stage of the Tender (see Sections 12.3.1.2 and 17.2(A) of the ITB). Designs and drawings should strictly adhere the Specifications.

#		DOCUMENT SECTION	CLARIFICATION
			<p>We do not recommend submitting in a Bid any deviation from the Tender's requirements since it may lead to disqualification of the Bid.</p> <p>Nevertheless, designs which involve only minor deviations from the Specifications may be considered and only deviations which are of better or equal quality comparing to the requirements of the Specifications. The Company's decision to consider such deviation as "minor" and to approve or not to approve it is absolute and at the Company's sole professional discretion, and shall not have effect on the pricing quoted in the Bid. The Supplier shall be prevented from any claim due to the above including, in event of disqualification of the Bid.</p>
4	Q	Spec. EEN-EPI-SPC-022, Section 6.4	Re-injection Sealing System for Ball valve shall be designed for 1000. We will quote design for pressure of 300 Bar. The ball valve will done according to attached drawing (9.050.015.181.00.00) with a pipe extension an sealing injection head, as already delivered in the past. Is this acceptable?
	A		See answer to Question 3 above.
5	Q	Spec. EEN-EPI-SPC-022, Section 11	<p>Please clarify the requirement for "A type test" certificate?</p> <p>The design of our valves is Anti-Static, but we were never asked for A type test certificate by none of the leading Gas transmission companies.</p>
	A		Such certificate shall be submitted to the Company only after the issuance of the Purchase Order as part of the quality certificates provided with the valves.

#		DOCUMENT SECTION	CLARIFICATION
6	Q	Spec. EEN-EPI-SPC-022, Section 14	Limit stops made of steel are required, our design do not have fixed limit stops, the end positions will be fixed over the gear box / actuator - is this acceptable?
	A		See answer to Question 3 above.
7	Q	Spec. EEN-EPI-SPC-022, Section 19	Item 2.6.21 is not attached
	A		See correction in Section 22 of updated version of this Specification, attached to this Clarification and Amendments no. 1.
8	Q	Spec. EEN-EPI-SPC-022, Section 22	Will a three layer coating according to C4 high with thickness of 240µm acceptable? (see attached document "Painting Procedure AG") Coating will be done according to the attached document "PUR Coating Procedure BG" is this acceptable?
	A		See answer to Question 3 above.
9	Q	Spec. EEN-EPI-SPC-022, Section 33.2	We use for standard stainless steel nameplates without any brackets, nameplate will be directly fixed on the body and on the top flange
	A		See answer to Question 3 above.
10	Q	Spec. EEN-EPI-SPC-022, Section 33.3	The wooden plates might break and will damage the inner surface of the ball valves, Can we use our standard packing with full cover plastic caps?

#		DOCUMENT SECTION	CLARIFICATION
	A		See answer to Question 3 above.
11	Q	Spec. EEN-EPI-SPC-023, Section 3	<p>Ball valves with pressure tight caps for Drain / Vent lines for buried application will be manufactured according the attached drawing (9.185.025.140.00.00) a locking device for open position is not possible.</p> <p>The above ground ball valve for Drain- / Vent lines will be manufactured according to the attached drawing (9.050.025.492.00) a locking device for open and closed position will be possible please advise.</p>
	A		See answer to Question 3 above.
12	Q	Spec. EEN-EPI-SPC-005, Section 2.4	Ball valves will be packed in wooden seaworthy boxes, no plastic foil will used.
	A		See answer to Question 3 above.
13	Q	Spec. EEN-EPI-SPC-005, Section 5.5	Storage need to done in a dry warehouse, protected against dirt and every environmental influences, the maximum time for storage will be two years
	A		Ball Valves shall be stored by the Company according to best industry practice. Ball Valves may be stored for a longer period of 2 years, including for reasons of redundancy and emergency stock.
14	Q	Spec. EEN-EPI-SPC-022, Section 22	<p>INGL issued a general specification for the Electric Actuator, with all technical requirements, but there is no indication about any specific Vendor List.</p> <p>Therefore the selection of the actuator manufacturer will be at our care. Please confirm we can offer any manufacturer that complies with the specification.</p>

#		DOCUMENT SECTION	CLARIFICATION
	A		See Section 16 of of updated version of this Specification, attached.
15	Q	Spec. ENG-X17-SPC-0019 Minimum Wall Thickness For Steel Pipes	<p><u>Wall thickness</u></p> <p>Please note we are following piping materials and wall thickness according to the bill of quantities. The spec. ENGX17SPC0019-4 has different requirements and has not been considered. Please confirm our correct understanding.</p>
	A		Pup pieces shall fit to INGL pipeline specification ENG-X17-SPC-0019.
16	Q	Spec. EEN-EPI-SPC-023	<p><u>Pup pieces length</u></p> <p>Pup pieces length is not mentioned in the specification. For time being we are considering following length:</p> <p>1"- 2" : 100mm</p> <p>Please confirm acceptability or provide different requirement.</p>
	A		There is no specific requirements for additional pipe pieces for $BV \leq 2"$
17	Q	Spec. EEN-EPI-SPC-023, Section 3.8	<p><u>Valve Orientation</u></p> <p>We confirm valves up to 2" are suitable for horizontal or <i>vertical orientation anyway the configuration shall be informed prior</i> of the manufacturing phase.</p>
	A		See answer to Question 3 above.

#		DOCUMENT SECTION	CLARIFICATION
18	Q	Specs. EEN-EPI-SPC-023, Sections 4.2, EEN-EPI-SPC-022, Section 4.1	<p><u>Methanol content</u></p> <p>We are considering VITON O-rings. Since methanol content is present (we believe for drying phase), the exposition to methanol shall be very short since methanol high concentration is corrosive for Viton elastomers.</p>
	A		See answer to Question 3 above.
19	Q	Spec. EEN-EPI-SPC-023	<p><u>Drain and vent valves 1" and 2"</u></p> <p>Drain and vent for valves up to DN 50 is in a single combined hole tapped with a solid NPT plug same material of body, while sealant injection is not necessary. Please confirm acceptance.</p>
	A		See answer to Question 3 above.
20	Q		<p><u>Pup pieces materials</u></p> <p>We are considering forged material for all pup pieces. For economic considerations, pipe material shall not be used due to the small pup pieces length required</p>
	A		See answer to Question 3 above.
21	Q	Spec. EEN-EPI-SPC-022, Appendix A	<p><u>Valve support dimensions</u></p> <p>Please advise if appendix A of Spec. EEN-EPI-SPC-022 for valve supports is mandatory requirement or if we can provide our standard</p>
	A		See answer to Question 3 above.

#		DOCUMENT SECTION	CLARIFICATION
22	Q	Spec. EEN-EPI-SPC-022, Section 33.6	<p><u>Hot tap valves</u></p> <p>We noted that bill of quantities requires hot tap valves BW + pup pieces x RF while section 33.6 of the spec. requires BW + pup piece x BW + pup piece + WN flange tapped with blind flange. We are considering bill of quantities requirement. Please confirm acceptance.</p>
	A		Shall be according to the Specification.
23	Q	Spec. IEN-EPI-SPC-022, Section 4.2	<p><u>Certification 3.2</u></p> <p>Please clarify the request of Body/Flanges EN10204-3.2 certified</p> <p>The spec. IEN-EPI-SPC-022 Ball Valves DN 100 paragraph 4.2, request "The base material used for pressure-containing parts shall be certified by an EN 10204 3.1 certificate".</p>
	A		Please see Section 32.1 of Specification IEN-EPI-SPC-022 "Type of material certificate required for each valve part".
24	Q	Spec. IEN-EPI-SPC-022 Section 23.1	<p><u>NDE</u></p> <p>Please clarify the note at para 23.1 General (IEN-EPI-SPC-022 Ball Valves DN 100) "non-destructive examination of assembly welds shall be witnessed by third party inspector".</p> <p>At paragraph 30.1 - Minimum requirements for Inspection & Test Plan (ITP), the NDE are request as Review point.</p>

#		DOCUMENT SECTION	CLARIFICATION
	A		<p>Section 30.1 shows the minimum requirements for Inspection & Test Plan (ITP), this means for information only. At the end of this section the following statement applies:</p> <p>The Test and Inspection Plan shall be in full accordance with document number: 397381 Typical ITP for Ball Valves.</p> <p>This document (doc. no. 397381 Typical ITP for Ball Valves) shows no "review" points for NDE.</p>
25	Q	Spec. EEN-EPI-SPC-023, Section 6	<p><u>Non Destructive Test</u></p> <p>All longitudinal, girth and fillet welds and all repair welds shall be inspected by radiographic or ultrasonic methods.</p> <p>All welding ends shall be inspected by ultrasonic testing over a length of 25 mm over their complete circumference.</p> <p>UT on valve DN 50 and under is not physically possible. We propose DPI on welding end and welds between body and closures.</p>
	A		Acceptable for Valves < DN50 only.
26	Q	Spec. IEN-EPI-SPC-022, Section 23.4	<p><u>Magnetic Examination</u></p> <p>Magnetic particle examination to MSS SP-53 / DPI to MSS SP- 93.</p> <p>We propose to follow API6D as applicability / acceptability:</p> <p>MPI: ASME B16.34, Appendix IV</p> <p>DPI: ASME BPVC, Section V, Article 6 / ASME BPVC, Section VIII, Division 1, Appendix 8</p>

#		DOCUMENT SECTION	CLARIFICATION
	A		See answer to Question 3 above.
27	Q	ITB, Annexes A12	<p>Annex A12(1) – (2) including Appendix B (Implementation Plan). We assume these documents have to be initialed only, but not completed at this stage of the Tender. Please confirm.</p> <p>The implementation plan according to these Annexes is required from a transaction of above 5 million USD. Please confirm.</p>
	A		<p>Confirmed.</p> <p>Clarifications regarding the Supplier's (the Bidder's) Industrial Cooperation obligations which relates to Annex A12 of the Tender, may be directly addressed by the Bidders to the Industrial Cooperation Authority (ICA) at the following contact details:</p> <p>Gil.Efraim@economy.gov.il</p> <p>Tel: +972 3 7347515</p>
28	Q	ITB, Annex A16, Quotation Price Form	<p><u>Stem extension length</u></p> <p>We consider stem extension length from centreline to gear/actuator flange. Please confirm our correct understanding.</p>
	A		Confirmed.

#		DOCUMENT SECTION	CLARIFICATION
29		ITB, Annex A16, Quotation Price Form	<p>Pos. 1 / INGL ITEM 04-101-021-021, we will quote the same design (our ITEM 0500287) as already delivered to INGL – Please confirm.</p> <p>Pos. 2 / INGL ITEM 04-102-002, we will quote with PMSS sealing like attached drawing (9.085.050.742.00.01) – Please confirm.</p>
			See answer to Question 3 above.
30		Contract, Section 15.2, Annex 8	<p><u>Indexation</u></p> <p>Price Index Platts TSI North Europe Plate "STPREOO": We assume that INGL will provide the figures of the Index in case this paragraph becomes applicable. This means that the Bidder are not obliged to get registered with the aforesaid platform. Please confirm.</p>
			If indexation mechanism shall be applicable to a purchase order, INGL shall provide the figures for index calculation.
31	Q	ITB, General	<p>Where to state any comments and/or deviations?</p> <p>Any other additional deviations from specification will be submitted in the official offer with a deviation sheet.</p>
	A		<p>Not allowed. All clarifications and requests for amendments in the Tender Documents including the Contract had to be sent within the time frame for clarifications stipulated in the Tender, before submission of the Bids.</p> <p>Deviations not confirmed in writing by the Company in this Clarification & Amendment no.1 are not allowed to be submitted within the Bid (including the Quotation). <u>Any Deviation not confirmed by the Company in writing before the submission of the Bids may cause to the disqualification of the Bid.</u></p>

3. Amendments

3.1. Specifications

Updated Specification EEN-EPI-SPC-022 Ball Valves \geq DN 100 (4") Revision 6, **is attached in PDF file and replacing the former revision 5.**

The updates are in the following Sections of the Specification:

- 6.2 "Drain Line Components for Ball Valves DN 100 and DN 150"
- 6.3 "Drain Line Components for Ball Valves \geq DN 200"
- 6.5 "Re-injection Sealing System Components"
- 7 "End preparation" – in paragraph 3 correction of a typo in reference only
- 16 "Actuators" – authorised electrical and manual actuators brands
- 19 "Workshop coating"
- 30.1 "Minimum requirements for Inspection & Test Plan (ITP)" – Last paragraph.
- 33.6 "Ball valve for hot tapping"

(For convenience only, a "track changes" version of the updated specification is attached in PDF file as well, however this draft version should not be used for submission of the Bid).

3.2. Contract

Updated Annex 1 – List of Specifications, Undertaking & Compliance to NEN3650 Standard, **is attached in PDF file and Annex A below and replacing the former Annex 1 of the Contract.**

The updates made in this document are to include the new revision of the Specification above, and typos corrections in the reference to the Contract doc. ref. no. and in section B.17 of the Specification Table.

3.3. Quotation Price Form

The Quotation price Form in **Annex A16** of the Tender is replaced with a **new revision**. Amendments were made in the 24" Hot-tap valves items description (Lines 10 – 11 to the Quotation Price Form, Catalog no. 04-124-016, 04-124-017.)

The updated Quotation price Form Annex A16 is attached in PDF file and shall be used to the submission of the Bids in Envelope 3.

3.4. Time Schedule for the submission of Bids

The Deadline for submission of Bids (including Quotations) ("Last Submission Deadline") as defined in Section 6(b) to the ITB is amended as follows:

Bids shall be submitted **as of June 17th, 2019 from 09:00 to 17:00, until no later than June 18th, 2019 at 17:00, (Israel time).**

The Bidders are requested to acknowledge receipt of this **Clarifications & Amendment No. 1** by returning an executed copy of the attached acknowledgment receipt form.

Sincerely yours,

Israel Natural Gas Lines Company Ltd.

* * * * *

Acknowledgement of Receipt

We, the undersigned, hereby confirm that we received **Clarification & Amendment No. 1** to International Public Tender for the Manufacture and Supply of Ball Valves (INGL/TENDER/2019/17).

.....
Date

.....
Company

.....
Signature

Annex A to Clarification & Amendment no. 1

Annex 1 – List of Specifications, Undertaking, & Compliance to NEN3650 Standard

We, the undersigned _____ *[insert Supplier's name]* hereby undertake and declare, without derogating of any of our obligations under the Tenders Documents, that all the Ball Valves in accordance to the Contract for the Manufacture and Supply of Ball Valves (Doc. no. 396401) shall be manufactured and supplied by us in accordance with all the provisions listed in this Annex below:

A. NEN 3650

1. All the Ball Valves manufactured and supplied by the Supplier under the Contract shall be **manufactured and supplied in full compliance with the NEN 3650 Dutch Standard and with all the Company's requirements and Specifications set forth below.**
2. Wherever a reference to the NEN 3650 exists in the Specifications, the NEN 3650:2003 edition shall apply and in any contradiction shall supersede other referenced codes and standards.

B. Specifications

The following specifications are provided to the Supplier (attached in digital files):

	Doc. Reference No.	Description	Rev.	Date
1	EEN-EPI-SPC-023	Ball Valves \leq DN 50	3	26/10/2004
2	EEN-EPI-SPC-022	Ball Valves \geq DN 100 (4")	6	23/05/2019
3	EEN-EPI-SPC-022-003	Ball Valve design	1	15/042019
4	EEN-EPI-SPC-022-001	Hot Tapping items for Ball Valves	1	15/042019
5	EEN-EPI-SPC-022-002	Hot Tapping Ball Valve	1	15/042019
6	ENG-X17-SPC-0019	Minimum Wall Thickness for Steel Pipes in use by INGL	4	14/09/2017
7	IEN-EPI-SPC-001	General Rules for Certification Pipeline / Valve Station	2	20-07-2011
8	EEN-EPI-SPC-003	Painting	3	18-08-2004
9	EEN-EPI-SPC-004	General Quality Assurance Requirements	3	19/08/2004
10	EEN-EPI-SPC-005	Packing	3	17/08/2004

/	Doc. Reference No.	Description	Rev.	Date
11	EEN-EPI-SPC-006	Shipping	3	27/08/2004
12	EEN-EPI-SPC-007	Marking of Components	4	25/09/2017
13	EEN-EPI-SPC-008	Framework of Inspection	3	23/08/2004
14	EEN-EPI-SPC-010	Documentation to be Provided by Manufacturer	3	20/08/2004
15	EEN-EPI-SPC-014	Coating of Valves and Fittings - Shop Coating	3	13-08-2004
16	EEN-EPI-SPC-020	Fittings (Elbows, Tees, Reducers, Caps)	4	10-08-2012
17	EEN-EPI-SPC-024	Welding Neck Flanges, Blind Flanges, Gaskets, Stud Bolts and Nuts	5.2	22-11-2018
18	EEN-EPI-SPC-025	Electric Actuators for Ball Valves (updated)	5	04-06-2012
19	EEN-EPI-SPC-027	Manual Actuators for Plug Valves and Ball Valves	3	26-10-2004
20	397381	Minimum Requirements For Quality Plan's (Inspection And Test Plan) for the Manufacture And Supply Of Ball Valves	1	14-04-2019

C. Clarifications

1. Greasing Nipple Control Valve (Needle Valve), Bleed & Grease Hoses

- 1.1. All Greasing Hoses shall be equipped with above ground Butt welded (BW) Greasing Nipple Control Valve at the diameter of the Hose.
- 1.2. A greasing nipple control valve means: installing a BW ball valve above ground located prior to the 'Non return valve with the injection device).
- 1.3. Bleed & Grease hoses of each supplied ball valve to be approved by INGL on ball valve drawing issued by supplier prior manufacturing.

2. Packing

- 2.1. The Supplier shall properly pack and secure the Ball Valves, according to the highest standards acceptable in the industry and as specified under the specifications and by applying all the following guidelines.
- 2.2. The Ball Valves shall be delivered in **sealed boxes**, in a manner that **will enable unloading such boxes by a crane**, unless the Company agreed in advance in writing, at its sole discretion, for a different delivery method.
- 2.3. The Ball Valves shall be delivered by the Supplier in a manner which shall protect them from any damage, according to the best industry practice, at the Supplier's sole risk and expense and shall meet the following:

2.3.1.1. sealed box package (wooden or otherwise hard material) **shall be used and strengthened by the Supplier to allow loading additional boxes of Ball Valves of the same diameter size up to size of 24 inch diameter included) on top of such box**, in order to allow efficient use of space in the Company warehouse.

The total weight which can be loaded on top of such box shall be clearly marked on top and both side of each box.

Nevertheless, Ball Valves **greater than 24 inch diameter shall not** be loaded on top of any other box.

2.3.1.2. Each box of Ball Valves shall include **only one catalogue no. of Ball Valve.**

2.3.1.3. Each box of Ball Valves **equal or greater the 6 inch diameter shall include only one (1) pcs** of Ball Valve.

2.3.1.4. The Supplier shall clearly mark on the outside of such box the following details according to the Ball Valves position:

a) on the one side "This side is full" and on the other side "This side is empty", as applicable.

b) the center of gravity of the package, including marking on top of the narrow side of such package.

2.3.1.5. Each box, if used, shall be clearly marked with the Company's Purchase Order reference number, each of the Ball Valves serial number, quantity and Ball Valves description and total weight of the box.

2.4. The Supplier shall supply all the following which shall be included in the Contract Price: all packing facilities, boxes, wrappings etc. and all other packaging materials which shall be considered as non-returnable, all preparations of the Ball Valves for delivery, including without limitation packing, boxing, crating, weighing, freight, or other services of any kind. The above is without derogating from the Contract and the Purchase Order.

We hereby confirm that we have received and diligently reviewed all of the Specifications and provisions above and consent to all of the requirements set forth therein.

In Witness Whereof, we have signed this undertaking on behalf of the Supplier:

Name of Supplier	Supplier's authorized representative	Signature & Stamp
	By: Position: Date:	
	By: Position: Date:	

* * * * *