

**ANNEX A15 - QUOTATION PRICE FORM**  
**BILL OF QUANTITIES & TIME SCHEDULE FOR BALL VALVES**  
**INGL/TENDER/2019/17**

	INGL Catalog No.	Main Description	Additional Description	Size (Inches)	Stem (mm)	Class	Design Pressure [Bar]	Quantity	Delivery Schedule at Destination (DAP INGL Warehouse)	Unit Price [€]	Total Price [€]
1	04-101-021	Ball Valve 1", Above ground, BW X THR'D (NPT), EP	For welding to pipe 1"X5.1 mm, Gr.B	1"	None	DP80	80	47	6 months from Purchase Order		
2	04-102-002	Ball Valve 2", Above ground, BW, EP	For welding to pipe 2"X5.54 mm,Gr.B	2"	None	DP80	80	31			
3	04-108-004	Ball Valve 8", Below ground, Manual operated, EP	For welding to pipe 8"X9.15 mm,X60,Stem extension 2605 mm	8"	2605	DP80	80	1			
4	04-108-023	Ball Valve 8", Below ground,Manual Operated,Stem Extension 2605 mm	BW PUP API 5L X52 - WT 10.5 mm	8"	2605	DP80	80	5			
5	04-112-005	Ball Valve 12", Below ground, Manual operated, EP	For welding to pipe 12"X12.5 mm,X52,Stem extension 2605 mm	12"	2605	DP80	80	2			
6	04-112-012	Ball Valve 12" , Below ground, Motor operated, Stem Extension 2605 mm	BW PUP WT 11 mm, API 6D	12"	2605	DP80	80	1			
7	04-112-013	Ball Valve 12" , Below ground, Manual operated, Stem Extension 2605 mm	BW PUP WT 11 mm, API 6D	12"	2605	DP80	80	4			
8	04-124-005	Ball Valve 24" , Below ground, Motor operated, EP	For welding to pipe 24"X12.7 mm,X70,Stem extension 2780 mm	24"	2780	DP80	80	4			
9	04-136-002	Ball Valve 36", Below ground, Motor operated, EP	For welding to pipe 36"X17.8 mm, X70, Stem extension 2605 mm	36"	2605	DP80	80	3			
10	04-124-016	Ball Valve 24" for Hot-Tap, Below ground, Manual operated	Stem 2605 mm, BW x RF600, with integral 2" by-pass [See note 1]	24"	2605	DP80	80	1			
11	01-124-017	Ball Valve 24" for Hot-Tap,Below ground, Motor operated	Stem 2605 mm, BW x RF600, with integral 2" by-pass [See note 1]	24"	2605	DP80	80	1			
										<b>Total</b>	

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The Following notes shall apply to this Bill of Quantities & Time Schedule

- 1 The Hot tapping Ball Valve/s according to typical drawings in Section 34 to specification **EEN-EPI-SPC-022 REV. 5**. The Ball Valve shall be supplied **with the flange** (included in price).
- 2 The manufacturing of the Ball valves including of the raw material shell take place be in the "Approved Countries" according to the Tender Documents.
- 3 The manufacturing shall be according to INGL's Specifications and the Tender Documents which are an integral part of the Contract.
- 3 The Ball valves shall comply with all the requierments of doc. No. **EEN-EPI-SPC-022 REV. 5**.
- 4 All Ball valves shall be fully welded body and designed as DBB (Double Block and Bleed) type of valve according to INGL's specification.
- 5 **All Ball valves shall fit to INGL's pipes wall thickness according to INGL's specifications: including doc. No. ENG-X17-SPC-0019 Minimum Wall Thickness For Steel Pipes in use by INGL.**
- 6 **Each welded Ball Valve shall be equipped with welding pups. T he material grade and minimal wall thickness of the pups shall be as specified in item 2.6.16 of EEN-EPI-SPC-022 REV 5.**
- 7 All Ball valves' pups shall be beveled Butt weld (BW). The end bevel detail shall appaer in the Ball valve drawing for approval.
- 8 The electric actuators for the specified ball valves must be manufactured by AUMA or Rotork, to be approved in advance by INGL.
- 9 All Greasing Hoses shall be equipped with above ground Butt welded (BW) Greasing Nipple Control Valve at the diameter of the Hose.
- 10 Bleed & Grease hoses of each Ball valve required to be approved by INGL and shall be presented on Ball valve/s drawing issued by supplier prior to manufacturing.
- 11 Each Ball valve's certificate shall be supplied with layout and cross section drawings.
- 13 The ITP and items drawings shall be submitted by the Supplier to INGL within 2 weeks from the issuance of Purchase Order (drawings shall include details of the Butweld ends).
- 15 The Ball valves Delivery must include all signed Quality Certificates otherwise the Ball valves shall be considered as "not received" by INGL.
- 14 The Supplier shall provice Quality Certificates 3.2 for all items above 6" diameter.
- 16 Packaging for Sea fright according to the Tender Documents (inclding the Contract) and Specifications. Packing facility to be used should be coordinated with INGL in advance before shipping of the Ball valves.
- 17 The unit prices are all inclusive subject to DAP Incoterms 2010 Delivery Terms and the Contract, at INGL's warehouse, Israel.
- 18 Euro 1 certificate or certificate fo origion, as applicable, for all items included to be supplied by the Supplier.
- 19 Payment terms: according to the Contract.
- 20 Qutation shall be submitted in Euro Currency only.

**[See next page]**

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**We hereby confirm the following on behalf of the Bidder (INGL/TENDER/2019/17)**

The above prices were quoted based on the above table and took into account the Tender documents, Specifications and all above notes.

Bidder's Name & Stamp	Signature of Bidder's authorized representative
	By:
	Title:
	Date:

Date: 19/04/2019

Doc. No. 397390