

Naručitelj/Contracting Authority: Saponia d.d.
Adresa/Address: Matije Gupca 2, 31 000 Osijek
OIB/PIN: 37879152548
Adresa elektroničke pošte/email: ankica.seric@saponia.hr

PRILOG 7 – Tehničke specifikacije

Nabava tehnološke linije za punjenje i pakiranje kozmetičkih proizvoda u sklopu projekta „Povećanje energetske učinkovitosti i obnovljivi izvori energije u proizvodnom pogonu i energetska obnova zgrada u Saponia d.d. Osijek”, KK.04.1.1.03.0185

- ponovljeni postupak nabave za Grupu 3 - Kartonirka s kontrolnom vagom

Evidencijski broj nabave 4-3/2022

ATTACHMENT 7 - Technical specifications

Procurement of a technological line for filling and packaging of cosmetic products within the project "Increasing energy efficiency and renewable energy sources in the production plant and energy renovation of buildings in Saponia d.d. Osijek ", KK.04.1.1.03.0185

- Relaunch of procurement procedure for Group 3 - Case packing machine with check weigher

Procurement registration number 4-3/2022

Osijek, veljača 2022. g.

Osijek, February 2022



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GROUP 3: Technical specifications of equipment

The Bidder is obliged to fill in, sign and submit the forms given in this chapter, which are an integral part of this Call for Proposal.

The Bidder is obliged to fill in the form by entering the Supplier/brand/type of the offered subject of procurement and fill in all items in the column "Offer specification - Description" so that for each item is entered "YES" or "NO" or for specification items specified min. or max. values or from-to, it is necessary to enter the offered specific value in the column "Offer specification - Description".

Or. Num.	Specified technical characteristics	Proposal specification - Description (Confirm YES/NO or values from-to, min-max: Indicate the name of Supplier and exact characteristics of the Proposal) TO BE COMPLETED BY THE BIDDER	YES/NO (to be filled in by Procurement committee)
GROUP 3 – CASE PACKING MACHINE WITH CHECK WEIGHER			
Item A – Case packer (Tray+Lid)			
A.1.	Automatic Case packing machine type Top loader Pick&Place for packaging of filled plastic bottles with different products (liquid soaps, shampoos, shower gels, protection milks, gels..) putting a group of bottles from top into carton case (American type), including format size parts, servo drives, strong mechanical construction, secured safety panels, SS frames	Yes	Yes, according to attached Offer* No.080.022 from 2nd March 2022.
A.2.	Case packer output min 10 -12 case/min	Yes	Yes, pg 6
A.3.	Dimensions of plastic bottles: - Width/diam.: 30 mm - 100 mm - Length: 30 mm - 180 mm - Height: 100 mm - 330 mm	Yes	Yes, pg 9
A.4.	Dimensions of cases (l/w/h): min 200x110x130 mm, max 500x370x380 mm	Yes	Yes, pg 7, 9
A.5.	Bottle/faces number in the case: 3x10, 2x6, 2x5, 2x4, 2x3, 2x2	Yes	Yes, pg 3
A.6.	Bottle infeed conveyor length 3200 mm, width min 95 mm, (with curves if needed), speed inverter controlled	Yes	Yes, pg 7, 10
A.7.	Bottle separation and direction into 1-6 rows with adjustable SS guides, start-stop bottle dosing and counting control, secured safety panels	Yes	Yes, pg 4
A.8.	Possibility of orientation of bottles with trigger pumps with wider range than bottle diameter and alignment of all triggers before transfer into case	Yes	Yes, pg 4
A.9.	Horizontal case magazine with buffering capacity L= min 1100 mm	Yes	Yes, pg 5, 11



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A.10.	Case pick up with suction cups from the magazine, Venturmeter, vacuum controlled, case forming and closing top and bottom by adhesive tape width 50 mm	Yes	Yes, pg 5
A.11.	Motorized lifting of the upper case closing assembly for easier replacing of the bottom taping unit	Yes	Yes, pg 11
A.12.	Adhesive tape breakage control for top and bottom reel and control for bottom reel low level	Yes	Yes, pg 11
A.13.	Movable gantry for bottle group transfer into prepared case, servomotors	Yes	Yes, pg 9
A.14.	Quick exchangeable head with mechanical grippers for bottle picking and placing into case	Yes	Yes, pg 6
A.15.	Head rotation +/- 90° for orientation of oval bottles for proper faces position in the case (shelf ready)	Yes	Yes, pg 6
A.16.	Bottle format (F1) 330 ml (1 pc) + standard cap included + additional size parts for: - (F2) Bottle + Cap (1 pc) - (F3) Bottle + Cap (1 pc) - (F4) Bottle + Cap (1 pc) - (F5) Bottle + Cap (1 pc)	Yes	Yes, pg 6, 10
A.17.	Working direction from Left to Right, narrow case side lidding	Yes	Yes, according Layout*-043/22
A.18.	Machine working height 950 +/- 50 mm	Yes	Yes, pg 3
A.19.	Exit conveyor of full cases, before Check weigher, dimensions (l/w/h): 650x500x500+/-50 mm	Yes	Yes, pg 10
A.20.	Exit belt conveyor of full cases, after Check weigher, dimensions (l/w/h): 7500x400x500+/-50 mm, with case turner for 90°	Yes	Yes, pg 10
A.21.	Signal exchange with upstream and downstream equipment	Yes	Yes, pg 6
A.22.	Control unit, PLC, multilingual, operator touch screen, recipes and settings for specified formats, saving 100 recipes	Yes	Yes, pg 11
A.23.	Electricity supply max 10 kW including Check weigher and all conveyors	Yes	Yes, pg 3
A.24.	Light in electrical cabinet	Yes	Yes, pg 6
A.25.	Tricolour alarm visual and sound signalisation	Yes	Yes, pg 6
A.26.	Remote diagnosis, maintenance access	Yes	Yes, pg 6
A.27.	Spare parts set for complete case packing line, for 2 years operation	Yes	Yes, pg 11
A.28.	Available area for installation of all equipment (l/w/h) 11,14x3,41x3,45 m (individual areas for individual equipment according to Annex 8)	Yes	Yes, according Layout -043/22
A.29.	Case packer mass max 1850 kg	Yes	Yes, according Layout -043/22
A.30.	Energy efficiency class – min. IE3	Yes	Yes, pg 6
A.31.	Packing, insurance, transport of goods to the customer's location (DAP Saponia, Osijek, Croatia)	Yes	Yes, pg 11
A.32.	Installation, commissioning and SAT, stay of one (1)	Yes	Yes, pg 12

	service technician during 7 days		
A.33.	Attach layout with dimensions (l/w/h) and mass	Yes	Yes, according Layout-043/22
A.34.	With the machines, must be delivered complete written technical documentation for installation, operation and maintenance and material certificate in English and Croatian language on Latin alphabet (2 pcs)	Yes	Yes, pg 6
Item B – Check weigher			
B.1.	Case Check weigher for weight control of filled cases with Reject device for incorrect filled cases	Yes	Yes, pg 8
B.2.	Single product weight range 0,020 kg - 1,5 kg, max 3 kg, accuracy 10 - 20 g, case weight up to max 30 kg, counter max 20 g	Yes	Yes, pg 8
B.3.	Check weigher output according to case packer, min 12 cases/min	Yes	Yes, pg 8
B.4.	Dimensions of Check weigher (l/w/h) 650x500x500+/-50 mm, SS frame, IP 55 protection	Yes	Yes, pg 8
B.5.	Roller conveyor SS after Check weigher (l/w/h) 650x500x500+/-50 with Rejecting device for separation of incorrect filled cases out of the set weight range, adjustable speed, min 12 cases/min	Yes	Yes, pg 8
B.6.	Exit free roller conveyor for rejected cases SS, dim. (l/w/h) 950x550x500 +/-50 mm	Yes	Yes, pg 8
B.7.	Control unit, multilingual, with large weight display, deviations, self-calibration, recipes and product settings, saving 100 recipes	Yes	Yes, pg 8
B.8.	Packing, insurance, transport of goods to the customer's location (DAP Saponia, Osijek, Croatia)	Yes	Yes, pg 11
B.9.	Installation, commissioning and SAT, stay of one (1) service technician	Yes	Yes, pg 12
B.10.	Attach layout with dimensions (l/w/h) and mass	Yes	Yes, according Layout-043/22
B.11.	With the equipment, must be delivered complete written technical documentation for installation, operation and maintenance and material certificate in English and Croatian language on Latin alphabet (2 pcs)	Yes	Yes, pg 6

*The Supplier submitted the Offer No.080.022 with defined technical specifications of the equipment and Sala Bolognese, 03/03/2022
(place) (date)

Layout-043/22 with defined dimensions and mass of the equipment.
Technical characteristics and dimensions are in accordance with the required.

FOR BIDDER:

MARCO FORZATI

(Authorized person)

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