



ZAVOD ZA
GRADBENIŠTVO
SLOVENIJE

SLOVENIAN
NATIONAL BUILDING
AND CIVIL ENGINEERING
INSTITUTE



FKKT

Fakulteta za kemijo
in kemijsko tehnologijo



Oznaka JN: NMV-ZAG-5/2025

Datum: 19.5.2025

Na podlagi drugega in tretjega odstavka 90. člena Zakona o javnem naročanju (Uradni list RS, št. 91/15, 14/18, 121/21, 10/22, 74/22 – odl. US, 100/22 – ZNUZSZS, 28/23 in 88/23 – ZOPNN-F; v nadaljevanju ZJN-3) Zavod za gradbeništvo Slovenije (v nadaljevanju: naročnik), izdaja naslednjo

Pursuant to Article 90, second and third paragraphs, of the Public Procurement Act (Official Gazette of the Republic of Slovenia, No. 91/15, 14/18, 121/21, 10/22, 74/22 - Decree of the US, 100/22 - ZNUZSZS, 28/23 and 88/23 - ZOPNN-F; hereinafter referred to as "ZJN-3"), the Slovenian national building and civil engineering institut (hereinafter referred to as the "Contracting Authority"), hereby issues the following decision

ODLOČITEV O ODDAJI NAROČILA

DECISION ON AWARDING A PUBLIC PROCUREMENT

SKLOP 1 javnega naročila, z nazivom »Nadgradnja instrumentacije za dinamično in visoko zmogljive rentgenske mikrotomografske študije (2 sklopa)«, se odda ponudniku:

- **CULMIUM, razvoj naprednih tehnologij, d.o.o.**

LOT 1 of the public procurement, entitled 'Instrumentation upgrade for dynamic and high throughput X-ray microtomography studies (2 lots)', is awarded to the tenderer:

- **CULMIUM, razvoj naprednih tehnologij, d.o.o.**

SKLOP 2 javnega naročila, z nazivom »Nadgradnja instrumentacije za dinamično in visoko zmogljive rentgenske mikrotomografske študije (2 sklopa)«, se odda ponudniku:

- **HOMBERGER SPA**

LOT 2 of the public procurement, entitled 'Instrumentation upgrade for dynamic and high throughput X-ray microtomography studies (2 lots)', is awarded to the tenderer:

- **HOMBERGER SPA**

OBRAZLOŽITEV**EXPLANATION**

Do roka za oddajo ponudb so na naslov naročnika prispele naslednje ponudbe.

Ponudbe za SKLOP 1:

Naziv in naslov ponudnika	Ponudbeni znesek brez DDV
CULMIUM, razvoj naprednih tehnologij, d.o.o., Ljubljanska cesta 24G, 4000 Kranj	193.300,00

V okviru SKLOPA 1 je naročnik je prejel le eno pravočasno ponudbo. Naročnik je ponudbo pregledal in ugotovil, da je ponudba v skladu z 29. točko prvega odstavka drugega člena ZJN-3, dopustna.

Ob upoštevanju dejstva, da je ponudba ponudnika CULMIUM, razvoj naprednih tehnologij, d.o.o., Ljubljanska cesta 24G, 4000 Kranj tudi edina ponudba, ki je pravočasno prispela v okviru postopka javnega naročila, je posledično tudi najugodnejša dopustna ponudba.

Naročnik torej javno naročilo, v okviru SKLOPA 1, oddaja ponudniku CULMIUM, razvoj naprednih tehnologij, d.o.o., Ljubljanska cesta 24G, 4000 Kranj.

Tenders for LOT 1:

Name and address of the tenderer	Value excluding VAT
CULMIUM, razvoj naprednih tehnologij, d.o.o., Ljubljanska cesta 24G, 4000 Kranj	193.300,00

Under LOT 1, the Contracting Authority received only one timely tender. The Contracting Authority has examined the tender and found it admissible in accordance with point 29 of the first paragraph of Article 2 of the Public Procurement Act (ZJN-3).

Taking into account the fact that the tender submitted by the tenderer CULMIUM, Development of Advanced Technologies, d.o.o., Ljubljanska cesta 24G, 4000 Kranj, is also the only tender that was received on time in the framework of the public procurement procedure, it is consequently the most advantageous admissible tender.

The Contracting Authority therefore awards the contract, under LOT 1, to the tenderer CULMIUM, Development of Advanced Technologies, d.o.o., Ljubljanska cesta 24G, 4000 Kranj.

Ponudbe za SKLOP 2:

Naziv in naslov ponudnika
ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče
HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) - ITALY

V okviru SKLOPA 2 je naročnik je prejel dve pravočasni ponudbi. Naročnik je v okviru računske kontrole ponudb ugotovil, da je ponudnik ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana – Črnuče, v obrazcu »Predračun« ter obrazcu »Ponudba« navedel napačen znesek DDV.

Naročnik je ponudnika ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana – Črnuče, pozval na predložitev soglasja za odpravo računske napake. Ponudnik ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana – Črnuče je v roku predložil predložil zahtevano soglasje tako, da je naročnik odpravil odkrito računsko napako.

Naročnik je obe prejeti ponudbi pregledal in ugotovil, da sta ponudbi v skladu z 29. točko prvega odstavka drugega člena ZJN-3, dopustni.

Kot izhaja iz razpisne dokumentacije je bilo, v okviru SKLOPA 2, kot merilo ekonomsko najugodnejše ponudbe, pri čemer je bilo merilo sestavljeno iz sledečih ponderjev:

- Ekonomična ponudba (A),
- Tehnične izboljšave (B) in
- Prodajni pogoji (C).

RAZVRSTITEV PONUDB GLEDE NA MERILO:

Naziv in naslov ponudnika	Ekonomična ponudba (ponudbena cena v EUR brez DDV)	Tehnične izboljšave	Prodajni pogoji	Razvrstitev
HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) - ITALY	18.050,00 EUR 376 točk	460 točk	85 točk	1 921 točk
ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče	16.970,00 EUR 400 točk	305 točk	0 točk	2 705 točk

Natančna izvedba ocenjevanja izhaja iz dokumenta Tender assessment, ki je priloga te Odločitve o oddaji javnega naročila.

Ob upoštevanju dejstva, da je ponudba ponudnika HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) – ITALY glede na merilo najugodnejša dopustna ponudba, se javno naročilo, v okviru SKLOPA 2, odda ponudniku HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) – ITALY.

Razlog za neizbiro ponudbe ponudnika ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana – Črnuče je tako dejstvo, da je ponudba glede na merilo manj ugodna od ponudbe ponudnika HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) – ITALY.

S tem se šteje odločitev naročnika v zvezi z izrekom te odločitve za utemeljeno.

Tenders for LOT 2:

Name and address of the tenderer
ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče
HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) - ITALY

Under LOT 2, the Contracting Authority received two timely tenders. In the course of the review of the tenders, the Contracting Authority noted that the tenderer ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče, had stated an incorrect amount of VAT in the 'Offer' form and in the 'Pro-forma invoice' form.

The Contracting Authority requested the tenderer ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče, to submit consent for the rectification of the calculation error. The tenderer ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče, submitted the requested consent within the deadline. The Contracting Authority, based on the consent has corrected the identified calculation error.

The Contracting Authority has examined the two tenders received and has found them admissible in accordance with point 29 of the first paragraph of Article 2 of the Public Procurement Act (ZJN-3).

As can be seen from the procurement documents, under LOT 2, the criterion was the most economically advantageous tender, consisting of the following weightings:

- Economic offer (A)
- Technical improvements (B) and
- Sales conditions (C).

ASSESSMENT OF TENDERS ACCORDING TO CRITERIA:

Name and address of the tenderer	Economic offer (price excl. VAT))	Technical improvements	Sales conditions	Classification
HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) - ITALY	18.050,00 EUR 376 points	460 points	85 points	1 921 points
ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče	16.970,00 EUR 400 points	305 points	0 points	2 705 points

The exact performance of the assessment comes from the Tender assessment document, which is attached to this Decision on awarding Public Procurement.

In view of the fact that the tender submitted by HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) - ITALY is the most advantageous admissible tender with regard to the criteria, the Public Procurement is, under LOT 2, awarded to HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) - ITALY.

The non-selection of the tender of ABB Inženiring d.o.o., Ljubljana, Brnčičeva ulica 19G, 1231 Ljubljana - Črnuče is therefore based on the fact that the tender is less favourable in relation to the criterion than the tender of the tenderer HOMBERGER SPA, Via dei Lavoratori 10, 20090 BUCCINASCO (MI) - ITALY.

Thus the decision of the Contracting Authority regarding the pronouncement of this decision is considered justified.

Pravni pouk:

Po objavi odločitve o oddaji javnega naročila je rok za vložitev zahtevka za revizijo pet delovnih dni od objave odločitve. Zahtevek za revizijo se vloži preko portala e-revizija.

Zahtevek za revizijo mora vsebovati vse obvezne sestavine, kot jih določa 15. člen Zakona o pravnem varstvu v postopkih javnega naročanja (Uradni list RS, št. 43/11, 60/11 – ZTP-D, 63/13, 90/14 – ZDU-1I, 60/17 in 72/19; v nadaljevanju: ZPVPJN).

Vlagatelj mora zahtevku za revizijo priložiti potrdilo o plačilu takse iz 71. člena ZPVPJN.

Taksa za revizijski postopek:

SKLOP 1: 4.716,52 EUR

SKLOP 2: 500 EUR

Vlagatelj mora skladno z 71. členom ZPVPJN plačati takso na transakcijski račun Ministrstva za finance, številka SI56 0110 0100 0358 802, sklic 11 16110-7111290-XXXXXXLL.

Opomba: (XXXXXXLL – številka naročila na PJN, kjer LL predstavlja letnico)

Legal precept:

Following the decision on awarding the public procurement, the deadline for submitting a request for review is five working days from the date of publication of the decision. The request for revision is submitted through the eRevision application.

The request for review must contain all the mandatory as determined by Article 15 of the Law on Legal Protection in Public Procurement Procedures (Official Journal of the Republic of Slovenia, No. 43/11, 60/11 - ZTP-D, 63/13, 90/14 - ZDU-1I, 60/17 and 72/19; hereafter referred to as the "ZPVPJN").

The applicant must enclose with the request for review a receipt for the payment of the fee referred to in Article 71 of the ZPVPJN.

Fee for the review procedure:

LOT 1: 4.716,52 EUR

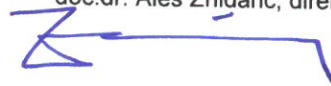
LOT 2: 500 EUR

In accordance with Article 71 of the ZPVPJN Act, the applicant must pay the fee to the transaction account of the Ministry of Finance, number SI56 0110 0100 0358 802, reference 11 16110-7111290-XXXXXXXXLL.

Note: (XXXXXXLL – number of the procurement on Public procurement portal, where LL represents the year)

**ZAVOD ZA GRADBENIŠTVO SLOVENIJE
SLOVENIAN NATIONAL BUILDING AND CIVIL ENGINEERING INSTITUTE**

doc.dr. Aleš Žnidarič, direktor



Tender evaluation for the purchase of a compact and precise robotic arm to upgrade an existing X-ray computed microtomography scanner for high-throughput studies

B1 Hardware of the robotic arm (max. 400 points)

1 Maximum weight (only robot, no cables or control box)	(a) Equal to 15 kg or higher (b) Higher than 7 kg and lower than 15 kg (c) Up to 7 kg	0 10 50
2 Maximum reach distance (in operation mode)	(a) Up to 250 mm (b) Larger than 250 mm and up to 350 mm (c) Larger than 350 mm and up to 400 mm	0 50 25
3 Maximum payload	(a) Up to 500 g (b) Larger than 500 g and up to 1 kg (c) Larger than 1.0 kg and up to 2 kg	0 20 30
4 Position repeatability error	(a) Error = 0.02 mm (b) Error = 0.01 mm (c) Error = 0.005 mm or lower	0 20 60
5 Rotation range of joint 1	(a) Up to [-170°, 170°] (b) Larger than [-170°, 170°]	0 10
6 Rotation range of joint 4	(a) Up to [-170°, 170°] (b) Larger than [-170°, 170°]	0 10
7 Rotation range of joint 5	(a) Up to [-115°, 115°] (b) Larger than [-115°, 115°]	0 10
8 Maximum rotation speed of joint 4	(a) Rotation speed of 180°/sec (b) Rotation speed larger than 180°/sec and up to 300°/sec (c) Rotation speed larger than 300°/sec and up to 500°/sec	0 10 15
9 Maximum rotation speed of joint 5	(a) Rotation speed of 180°/sec (b) Rotation speed larger than 180°/sec and up to 300°/sec (c) Rotation speed larger than 300°/sec and up to 500°/sec	0 10 15
10 Maximum rotation speed of joint 6	(a) Rotation speed of 180°/sec (b) Rotation speed larger than 180°/sec and up to 300°/sec (c) Rotation speed larger than 300°/sec and up to 500°/sec	0 5 20
11 Number of turns of joint 6	(a) Up to 2 turns (b) More than 2 turns and up to 10 turns (c) More than 10 turns and up to 100 turns (d) More than 100 turns	0 10 20 40
12 More than 1 (one) Ethernet port	(a) No (b) Yes	0 10
13 Robot base can be installed in any orientation	(a) No (b) Yes	0 30
14 Software and/or hardware-based anti-collision solutions	(a) No (b) Yes	0 50

B2 Control software (max. 100 points)

1 Java and/or LabVIEW as additional programming language	(a) No (b) Yes	0 20
2 It can be installed also on the Linux operative system	(a) No (b) Yes	0 20
3 A GUI is provided to operate the robotic arm	(a) No (b) Yes	0 30
4 Possibility to generate log files	(a) No (b) Yes	0 30

C Terms of sale (max. 100 points)

1 General warranty	(a) 1 year (b) 2 years (c) 3 years (a) 17 weeks (c) 10 weeks (d) 4 weeks	0 15 30 0 35 70
2 Delivery time		

Tender evaluation for the puu Compact and precise robotic arm to upgrade an existing X-ray computed microtomography scanner for high-throughput studies

Bidder: **ABB Inženiring d.o.o (Slovenia)**

Price (not including VAT)=

16.970,00

EUR

Item	Criteria	Response (select)	Points	Comment
B1 Hardware of the robotic arm	1 Maximum weight (only robot, no cables or control box)	(b)	10	
	2 Maximum reach distance (in operation mode)	(c)	25	
	3 Maximum payload	(c)	30	
	4 Position repeatability error	(b)	20	
	5 Rotation range of Joint 1	(a)	0	The range is exactly [-170°, 170°]
	6 Rotation range of Joint 4	(a)	0	The range is exactly [-170°, 170°]
	7 Rotation range of Joint 5	(b)	10	
	8 Maximum rotation speed of Joint 4	(c)	15	
	9 Maximum rotation speed of Joint 5	(c)	15	
	10 Maximum rotation speed of Joint 6	(c)	20	
	11 Number of turns of Joint 6	(b)	10	
	12 More than 1 (one) Ethernet port	(a)	0	Based on the documentation, only 1 port is reported.
	13 Robot base can be installed in any orientation	(a)	0	Based on the documentation, only 2 orientations are reported: floor and ceiling.
	14 Software and/or hardware-based anti-collision solutions	(b)	50	
B2 Control software	1 Java and/or LabVIEW as additional programming language	(b)	20	
	2 It can be installed also on the Linux operative system	(b)	20	
	3 A GUI is provided to operate the robotic arm	(b)	30	
	4 Possibility to generate log files	(b)	30	
C Terms of sale	1 General warranty	(a)	0	Based on the quotation received, the warranty period is 1 year.
	2 Delivery time	(a)	0	Based on the quotation received, the delivery time is 17 weeks.
		C	0	

A = 400

B = 305

C = 0

SC = A + B + C = 705

Tender evaluation for the pu Compact and precise robotic arm to upgrade an existing X-ray computed microtomography scanner for high-throughput studies

Bidder: **HOMBERGER SPA (Italy)**

Price (not including VAT)= **18,050,00** EUR

Item	Criteria	Response (select)	Points	Comment
B1 Hardware of the robotic arm	1 Maximum weight (only robot, no cables or control box)	(c)	50	
	2 Maximum reach distance (in operation mode)	(b)	50	
	3 Maximum payload	(b)	20	
	4 Position repeatability error	(c)	60	
	5 Rotation range of Joint 1	(b)	10	
	6 Rotation range of Joint 4	(b)	10	
	7 Rotation range of Joint 5	(a)	0	The range is exactly [-115°, 115°]
	8 Maximum rotation speed of Joint 4	(c)	15	
	9 Maximum rotation speed of Joint 5	(c)	15	
	10 Maximum rotation speed of Joint 6	(c)	20	
	11 Number of turns of Joint 6	(c)	20	
	12 More than 1 (one) Ethernet port	(b)	10	
	13 Robot base can be installed in any orientation	(b)	30	
	14 Software and/or hardware-based anti-collision solutions	(b)	50	
B2 Control software	1 Java and/or LabVIEW as additional programming language	(b)	20	
	2 It can be installed also on the Linux operative system	(b)	20	
	3 A GUI is provided to operate the robotic arm	(b)	30	
	4 Possibility to generate log files	(b)	30	
C Terms of sale	1 General warranty	(b)	460	
	2 Delivery time	(c)	15 70	
			C	85

A = 376
B = 460
C = 85

SC = A + B + C = 921

