



POHJOIS-KARJALAN HANKINTATOIMI

Pohjois-Karjalan hankintatoimi

Call for tenders 552018 / High speed machine tool / Karelia University of Applied Science

Date 6/4/2025

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Tender comparison table - 552018 / High speed machine tool / Karelia University of Applied Science

Common criteria/information

		Scalar Oy OFFER_121956_RödersRXP601DSH_PKH		Tampark Oy The tender was marked as ineligible Tampark Oy Tarjous 506740-V2 Karelia AMK 3.6.2025		
	Maximum points	The given information	Points	The given information	Points	Calculation method
Safety						
All safety features, installations and labelling need to be assembled and ready to run. Karelia is taking care of the fire hazard cautions and external electricity installations.		Kyllä				
Installation and commissioning						
Supplier is taking care of the installation and commissioning of basic equipment, shields, covers, all purchased extension equipment and software. Supplier is setting parameters for all chosen materials and making test runs as applicable. Karelia is making the final test runs using the demonstration structure and selected materials. Equipment is finally accepted after commissioning and approved test runs made by Karelia.		Kyllä				
Training						
Quotation shall include user training for at least four + four days. Proposals which do not meet the minimum training day requirement shall be rejected. Training shall cover essential educational entities for operation of equipment, programming, functional parameter setting and seasonal service. Training session take place during the installation and commissioning of equipment at supplier and customer. Supplier needs to attach to the quotation a proposal for the content of training and location. Quoted training will be scored by the quantity and context of training days.		Kyllä				
Documentation						

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	Maximum points	The given information	Points	The given information	Points	Calculation method
Quotation need to cover following documentation: - Equipment drawing including main measures and locations of needed external connections - Electric requirements and other connections (i.e compressed air, exhaust, cooling) - Reference list - Proposal for annual service execution - Training arrangement plan		Kyllä				
Delivery of equipment need to cover additionally - CE certificate - User manual - Service manual - Commissioning and test reports - Software license documentation		Kyllä				
References						
The supplier must have sold three (3) similar kind of High speed machine tool for same kind of use.		Liikesalaisuus				
Tietue vastaus						
Name of the customer		Liikesalaisuus				
Short description about the reference case		Liikesalaisuus				
When was the reference case made		Liikesalaisuus				
Contact information of the customer if reference case needs to be verified		Liikesalaisuus				
Tietue vastaus						
Name of the customer		Liikesalaisuus				
Short description about the reference case		Liikesalaisuus				
When was the reference case made		Liikesalaisuus				
Contact information of the customer if reference case needs to be verified		Liikesalaisuus				

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	Maximum points	The given information	Points	The given information	Points	Calculation method
Tietue vastaus						
Name of the customer		Liikesalaisuus				
Short description about the reference case		Liikesalaisuus				
When was the reference case made		Liikesalaisuus				
Contact information of the customer if reference case needs to be verified		Liikesalaisuus				
Delivery time						
Delivery time in weeks after the order		30 Weeks				
Warranties and subscription service (customer support)						
Warranty period for mechanic components and process installation and software subscription service package duration		12 months				
Software subscription service package duration. Mechanical and process installation warranty duration		12 months				
Warranties must be accordance with Jyse 2022 supplies terms (in attachments):		Kyllä				
A report on available annual maintenance contracts and their pricing. The report should also include information about the service provider (subcontractor)		Liikesalaisuus				
Contact person						
The contact person and the substitute of the contact person must be able to communicate about the object of the procurement process in Finnish or English with Customer’s personnel. The contact person and the substitute of contact person must have sufficient English or Finnish skills.						

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	Maximum points	The given information	Points	The given information	Points	Calculation method
The name of the contact person:		Mauri Sikanen				
Contact information (phone number and/or email address:		mauri.sikanen@scalar .fi +358 500 611404				

Pohjois-Karjalan hankintatoimi		
Torikatu 19 A	Puhelin	+358 133375046
80100 Joensuu	Sähköpostiosoite	hankinta@jns.fi
0242746-2	Internet	http://www.joensuu.fi/pohjois-karjalan-hankintatoimi

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	Max pisteet	Annettu tieto	Pisteet	Annettu tieto	Pisteet
Work piece weight, minimum 50 kg		200 kg			
Tool changer, minimum 45 pcs		45 pcs			
Milling form accuracy at least (mm): 0,001/axes		Kyllä			
Surface roughness (Ra), grinding (steel) at least (nm) 300		Kyllä			
Surface roughness (Ra), milling (aluminium) at least (nm) 50		Kyllä			
Position accuracy at least (mm): 0,005		Kyllä			
Operational requirements 2: defined functions					
Tool measurement: laser		Kyllä			
Part measurement by touch probe		Kyllä			
Vacuum pump		Kyllä			
Vacuum leads for rotation and swivel-axle		Kyllä			
Automatic chip removal		Kyllä			
Tool cleaning; pressurized		Kyllä			
Erowa mounting chuck UPC2.2 (ER139501)		Kyllä			
Erowa power chuck P (ER115304)		Kyllä			
Erowa palettes 6pcs (ER-107510)		Kyllä			
Frequency of position regulation in all axes, 32kHz		Kyllä			
Operational requirement 3: geometry compensation					
Compensation of z axis		Kyllä			
Calibration of rotation and swivel-axle		Kyllä			

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	Max pisteet	Annettu tieto	Pisteet	Annettu tieto	Pisteet	Pisteiden laskentatapa
Cleaning of calibration probing elements		Kyllä				
Spindle compensation to detect spindle and tool dislocation		Kyllä				
Operational requirement 4: Temperature control system, ability (C) +/- 0,5 in case of ambient temperature variates +/-2.0						
Linear motors and drives		Kyllä				
Linear axes z, y, z,		Kyllä				
Machine detection, logging, monitoring environment		Kyllä				
Machine base		Kyllä				
Machine spindle		Kyllä				
Workpiece		Kyllä				
Machine hood		Kyllä				
Emulsion cooling		Kyllä				
Operational requirement 5: polishing/grinding process						
Programming of grinding cycles x, y, z		Kyllä				
Diamond forming roll		Kyllä				
Spindle for grinding tool dressing		Kyllä				
Cone grinding		Kyllä				
Sound detection of surface contact		Kyllä				
Calibration ring for measuring probe		Kyllä				
Operational requirement 6: machining liquid handling						

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	Max pisteet	Annettu tieto	Pisteet	Annettu tieto	Pisteet	Pisteiden laskentatapa
Machining liquid; emulsion		Kyllä				
Spray lubrication		Kyllä				
Controlled flushing/injection of emulsion to tool tip		Kyllä				
Oil mist filtering, > 55um		Kyllä				
Emulsion filtering, > 3um		Kyllä				
Automatic circulation during long idle times		Kyllä				
Operational requirement 7: remote control and visibility						
LED lighting inside the machine hood		Kyllä				
Remote control for maintenance and troubleshooting (Teamwiever)		Kyllä				
Handheld control unit		Kyllä				
Programming: Heidenhain compatible		Kyllä				
Machine control: windows based		Kyllä				
Operational requirement 8: power failure protection						
UPS for control PC		Kyllä				
Z-axis lift-up safety feature		Kyllä				
Advanced energy savings storage to axes crash protection		Kyllä				
Operational requirements 9: custom services						
Possibility to contact equipment supplier directly		Kyllä				
Possibility to organize annual maintenance jointly with other local customers		Kyllä				

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	Max pisteet	Annettu tieto	Pisteet	Annettu tieto	Pisteet	Pisteiden laskentatapa
1 working day response time of manufacturer in case of machine break		Kyllä				
Ryhmän yleiset kriteerit						
All prices must be given in euros (€), exclusive of value added tax (VAT 0 %).		Kyllä				
Tenderers must use this form to provide the requested information. Tenderer must give only one price for the requested space. Price reservations are not allowed.		Kyllä				
The evaluation of the tenders is described in section 'Grounds for decision'. The benchmark price offered in the tender cannot be deemed a business or trade secret.		Kyllä				
All terms included in the invitation to tender documents must be regarded in the price, including delivery, installation and user training.		Kyllä				
Tenderers must indicate their compliance with the following requirements and append the requested documents to their tender. In order to meet the minimum requirements, tenderers must have selected "YES" in every category, in which the answer "YES" is required.		Kyllä				
The CE marking is a mandatory. The CE marking is the manufacturer's declaration that the product meets all the requirements of the applicable EC directives.		Kyllä				
Complete documentation including user manuals, service manuals, instructions for the preventive maintenance and instructions for use must be provided in English printed in electronic form.		Kyllä				
Brochures of offered items and description of capabilities and usage of the system		Liikesalaisuus				

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	Max pisteet	Annettu tieto	Pisteet	Annettu tieto	Pisteet	Pisteiden laskentatapa
Summary of offered items (names and quantity by each part)		OFFER_121956_Röder sRXP601DSH_PKH.pdf				
Delivery time cannot exceed dates given in Procurement background -section.		Kyllä				
The provider is responsible for the delivery and installation of the devices during May 2026, as well as receiving the commissioning of the device and user training before July 2026. A more precise delivery time will be agreed with the customer. The supplier delivers the equipment to the site at Karjalankatu 3 , 80100 Joensuu		Kyllä				

Vertailun yhteenveto

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	Max pisteet	Annettu tieto	Pisteet	Annettu tieto	Pisteet	Pisteiden laskentatapa
Kriteerikohtaiset pisteet yht.						
Kokonaishinta yhteensä	100	648000,00 EUR	100,000			Suhde pienimpään
Kaikki pisteet yhteensä	100		100,000			
Sijoitus		1.				
Valittu		Kyllä		Ei		

Other terms and conditions

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	The given information	The given information
OTHER TERMS AND CONDITIONS		
During the contract period, the tenderer commits to pay the Commission for the PK-HAN in accordance with the Price and Commercial Conditions section of the Commission	Kyllä	
The Tenderer has filled in up-to-date billing contact information through the Tarjouspalvelu.fi service. Billing information must be filled in through the 'Contact Us' tab under 'My Information'.	Kyllä	
The tenderer commits to provide reports on purchases under the contract upon request	Kyllä	
Tenderer must also upload up-to-date billing information as an attachment to the offer	Kyllä	
Invoicing takes place as online invoicing	Kyllä	
"Kyllä" -valintaan liittyvät kriteerit		
Payment term (minimum 21 days net)	21 days	
"Ei" -valintaan liittyvät kriteerit		
Payment term (minimum 30 days net)		
Interest on arrears in accordance with the Interest Ac	Kyllä	
The tenderer has read and agrees to the Technical Traders General Conditions of Services and Technical Traders General Condition of Sale (Jyse 2022 supplies terms), insofar as they do not conflict with the invitation to tender or its attachments.	Kyllä	

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	The given information	The given information
The tenderer has read the invitation to tender and its attachments and accepts the conditions set out there. The terms are binding and cannot be deviated from during the contract period.	Kyllä	
The Tenderer has read Tarjouspalvelu.fi's additional information questions and answers regarding the tender request and has taken into account any changes to the tender request.	Kyllä	
TRADE SECRETS		
The tenderer has marked the desired attachments as trade secrets (Tarjouspalvelu.fi or when saving the name of the attachment + "trade secret"). The tenderer should note that only trade secrets marked as required may be accepted as trade secrets. Information that can be classified as public for the purpose of comparing tenders cannot be trade secret.	Kyllä	
CONTACT INFORMATION		
Changes in contact persons must be notified in writing to the PK-HAN Office.	Kyllä	
Enter the contact name, e-mail address, and any phone number.	Kyllä	
Person responsible for the right to sign (procuration)		
Tietue vastaus		
Name	Mauri Sikanen	
Email address	mauri.sikan en@scalar.fi	
Mobile number	+358 500 611 404	

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	The given information	The given information
Person responsible for the contract and the operation of the contract		
Tietue vastaus		
Name	Mauri Sikanen	
Email address	mauri.sikan en@scalar.fi	
Mobile number	+358 500 611 404	
Person responsible for invoicing		
Tietue vastaus		
Name	Ilona Harjumäki	
Email address	backoffice@scalar.fi	
Mobile number	+358 50 541 2074	
Person responsible for reporting the Commission		
Tietue vastaus		
Name	Mauri Sikanen	
Email address	mauri.sikan en@scalar.fi	
Mobile number	+358 500 611 404	