

ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: Procurement of Excavator for project LIFE WILDIsland

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Publication reference: LIFE20 NAT/AT/000063-TD02-F1

Columns 1-2 should be completed by the contracting authority

Columns 3-4 should be completed by the tenderer

Column 5 is reserved for the evaluation committee

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words 'compliant' or 'yes' are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

1. Item number	2. Specifications required		3. Specifications offered		4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
1	Excavator Quantity: 1 unit Technical requirement:					
	Engine power kW (po ISO 9249)	110 kW- 120 kW	Engine power kW (po ISO 9249)			
	Engine type	Diesel engine with common-rail injection, turbo charger and after cooler	Engine type			
	Engine max. torque (ISO 9249)	min 650 Nm	Engine max. torque (ISO 9249)			
	Machine operating weight	24t - 25t	Machine operating weight			
	Exhaust emission standard	EU Stage V	Exhaust emission standard			
	Swing drive torque	min 70 kNm	Swing drive torque			
	DEF (AdBlue) Tank	min 45 L	DEF (AdBlue) Tank			
	Fuel tank	min 400 L	Fuel tank			
	Locable fuel tank	Yes	Locable fuel tank			
	Electrical system voltage	24V	Electrical system voltage			
	Maximum hydraulic oil pump flow	min 2x 200 L/min	Maximum hydraulic oil pump flow			

1. Item number	2. Specifications required		3. Specifications offered		4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
	Maximum hydraulic pump pressure	min 380 bar	Maximum hydraulic pump pressure			
	Drawbar pull on crawler	min 230 kN	Drawbar pull on crawler			
	Maximum travel speed	min. 5.9 km/h	Maximum travel speed			
	Engine displacement	from 4 to 5 L	Engine displacement			
	Clearance	min 480 mm	Clearance			
	Stick	6.0 – 6.5 m	Stick			
	Mono Boom digging force (ISO 6015)	min 105 kN	Mono Boom digging force (ISO 6015)			
	Stick digging force (ISO 6015)	min 60 kN	Stick digging force (ISO 6015)			
	Bucket digging force (ISO 6015)	min 95 kN	Bucket digging force (ISO 6015)			
	Mono Boom	min 8.5- 9.0 m	Mono Boom			
	Transport length	max 13 m	Transport length			
	Horizontal reach	min 15.5 m	Horizontal reach			
	Digging depth	min 11,5 m	Digging depth			

1. Item number	2. Specifications required		3. Specifications offered		4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
	Noise level in the cabin	max 70 dB	Noise level in the cabin			
	Bucket capacity with teeth for material specific weight 1.8 t/m ³	min. 0.6 m ³	Bucket capacity with teeth for material specific weight 1.8 t/m ³			
	Ditch cleaning bucket width	min. 2000 mm	Ditch cleaning bucket width			
	Air conditioning	YES	Air conditioning			
	Radio	YES	Radio			
	Track pad width	min. 700 mm	Track pad width			
	Other minimal requirements:		Other minimal requirements:			
		3-piece chain guide				
		Additional reinforced cover and base plate for undercarriage center section				
		Radiator fine mesh protection grid				
		Air pre-filter with cyclonical dust trap				
		Automatic central lubrication system				
	Centralized lubrication extended for connecting link					

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		Medium pressure hydraulic circuit				
		Floating boom				
		All LED lights				
		Integrated fuel pump				
		Automatic reversible fan				
		Rear camera				
		Side camera				
		Automatic engine idling / speed increase, controlled via joystick sensors				
		Multifunctional colour display, large, minimum 8''				
		ROPS cab protection				
		Magnetic rod in the hydraulic tank				
		Rotating beacon on cabin, LED, 1 piece				
		Acoustical back-up alarm				
		LiDAT system 10 years free use				
		Overload protection system				
		Load chart				

1. Item number	2. Specifications required		3. Specifications offered		4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
		Laminated glass for cab				
		Pipe fracture safety valve for stick cylinder				
		Pipe fracture safety valves for boom cylinders				
		Extended warranty for the whole machine 4 years or 6000 working hours, whichever occurs first				

All items	Installation performed by contractor or authorised service provider. All the equipment must include all necessary parts and standards for its installation.			
All items	Testing of all basic functions of the instrument on a set of producers standard samples commonly used for the corresponding instrument. Installed equipment must be tested as system, compatible with existing system.			
All items	Technical documentation for equipment (Operating manuals/ Users Guide/ Equipment operating instructions/ Cleaning procedures/ Maintenance procedures/ Calibration procedures) upon delivery.			

<p>All items</p>	<p>Warranty Tenderers must provide local reliable warranty service agent providing maintenance and the rapid supply of equipment spare parts and consumables for the Warranty duration of one year. Offer must include warranty service description including:</p> <ul style="list-style-type: none"> • Service organisation contact data including name, postal address, telephone number, fax number and e-mail address; • Help Desk (phone) support, which must be available during working hours, 8AM – 6PM; • Guaranteed maximum response time to submitted maintenance support request (fax or e-mail) of 1 (one) working day; • Guaranteed that any requests for services will be attended to within 24 hours; • Guarantee that all items can be repaired or alternatively replaced within a maximum of 72 hours; • Guarantee that genuine spare parts and consumables will be available for a period of minimum 3 years from the date of final acceptance of the equipment. 			
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