

TOTAL COST OF OWNERSHIP (TCO) (F4.5)

This Form shall be used by the Tenderer to respond to the requirements related to financial proposal as they are described in the specification from tender documents, intended for the description of the components Total cost of ownership (TCO).

The form is structured as follows:

Table 1: TCO summary - [table aggregating cost components, detailed in other tables below this form, including for a period of 5 years after the end of the warranty period (single and recurring costs).]

No	Name	Period under contract	Year 2	Year 3	Year 4	Year 5	Year 6	TOTAL (EUR)
1	Licenses for the software solution for an Instant payments system (IPS), including one year of standard support from the manufacturer	300000	n/a	n/a	n/a	n/a	n/a	300000
2	Standard support from the manufacturer for licenses after warranty period	n/a	72000	72000	72000	72000	72000	360000
3	Implementation services for IPS	205500	n/a	n/a	n/a	n/a	n/a	205500
4	Training services related to IPS	10000	n/a	n/a	n/a	n/a	n/a	10000
5	Warranty services related to implementation of IPS	72000	n/a	n/a	n/a	n/a	n/a	72000
6	Man Hours for additional development and change requests during the implementation and warranty period (300 man-hours)	22500	n/a	n/a	n/a	n/a	n/a	22500
7	Post-warranty services for implementation services of IPS, after one year of standard support	n/a	0	0	0	0	0	0
8	Development services, based on change requests in estimated volume of 100 man / hours after the expiry of the warranty period	n/a	7500	0	0	0	0	7500
TOTAL COSTS		610000	79500	72000	72000	72000	72000	977500

Table 2: Licenses of the IPS software solution

[All licenses delivered will include in their cost one year of support and maintenance]

Goods	Q-ty	Period	Price per unit	License price	Support and maintenance		Discount for licenses		Discount for support and maintenance		TOTAL LICENCES (EUR)	TOTAL SUPPORT AND MAINTENANCE (EUR)
					%	EUR	%	EUR	%	EUR		
1. Licenses for IPS*												
Licenses for the production environment	1			300000	24	72000	0	0	0	0	300000	72000
SmartVista Instant Payments	1		In case licensing per user applies	300000			0	0	0	0		
Licenses for the testing environment	2			0	0	0	0	0	0	0		
...												
Licenses for the back-up environment	1			0	0	0	0	0	0	0		
....												
TOTAL				0.00		72000		0.00		0.00	300000	72000

Table 3: Implementation services and warranty services (for 12 months)

Type of service	% in total services	Cost, EUR
I. Implementation services		205500
Fixed price full set of implementation services	100%	
.....	%	
II. Warranty services (12 months)		72000
Warranty services (maintenance and support)	%	
III. Man hours for additional development and change requests during implementation and warranty period		22500
300 man hours	%	
	Total	300000

Table 4: Requirements towards infrastructural specifications
[Infrastructure specifications will be indicated for each lot separately.]

a. Server configuration in accordance with proposed architecture

Component	Recommended	Recommended quantity
Name of required component	The recommended model for component, features recommended	The recommended quantity for the component (pcs.)
Please refer to document F4.4 Technical Proposal.pdf, section IX. Recommended Platform	Please refer to document F4.4 Technical Proposal.pdf, section IX. Recommended Platform	Please refer to document F4.4 Technical Proposal.pdf, section IX. Recommended Platform

b. Specifications of licenses needed for the database management system and estimated costs

Product Name	Licensing model (per user, processor etc.)	No of recommended licenses	Estimated costs*
Production environment			
(Licenses for database)	Please refer to document F4.4 Technical Proposal.pdf, section IX. Recommended Platform	Please refer to document F4.4 Technical Proposal.pdf, section IX. Recommended Platform	Price can vary in a broad range depending on NMB requirements
(Licenses for operation systems)	Please refer above	Please refer above	Price can vary in a broad range depending on NMB requirements
Test environment			
(Licenses for database)	Please refer above	Please refer above	Price can vary in a broad range depending on NMB requirements
(Licenses for operation systems)	Please refer above	Please refer above	Price can vary in a broad range depending on NMB requirements
Back-up environment			
(Licenses for database)	Please refer above	Please refer above	Price can vary in a broad range depending on NMB requirements
(Licenses for operation systems)			Price can vary in a broad range depending on NMB requirements

Table 5: Cost estimation regarding the licenses for the gateway solution (solutions, implemented on the side of IPS participants, that keep the account balances of end users and can authorize, on behalf of the participant, the debit/credit of end users accounts)



Business Area	Estimated additional costs to the solution license	Estimated costs for the implementation services	Estimated additional costs for the support and maintenance	Other costs if applicable (to be explained)	TOTAL (EUR)
Gateway solution, implemented on the side of IPS participants	30000	25000	30000	Cost may vary depending the exact requirements and volumes	85000
TOTAL					

Note: The information on licensing costs for the gateway solution is for information purposes only and is not taken into account in the financial evaluation.

Signed: _____ Name: Vasily Volyskiy _____ Position: SVP _____

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