

AWARD DOCUMENTATION for public procurement of goods

Procurement object: The procurement of Instant payments
software solution (licenses, implementation
services and warranty services)

CPV code: 48422000-2

Contracting authority: National Bank of Moldova

Procurement procedure: Open tender

CHAPTER III

OFFER SUBMISSION FORMS

The following tables and forms will be completed by the tenderer and will be included in the offer.

Form	Name
F3.1	Offer form
F3.2	Offer guarantee
F3.3	Performance Guarantee
F3.4	Statement of conformity of the submitted offer with its original
F3.5	Statement on the quality of participant in the procedure
F3.6	Association Agreement
F3.7	Statement on the list of members of association and, where applicable, subcontractors and part / parts of the contract are fulfilled by them
F3.8	Recommendation letters
F3.9	Statement on the list of main similar goods delivered and services rendered in the last 5-7 years
F3.10	List of key experts proposed for contract implementation
F3.11	Curriculum Vitae
F3.12	Statement on availability of team members
F3.13	List of structural validation of tender
F3.14	Qualification requirements form
F3.15	Questionnaire for Customer
F3.16	Statement on the tenderer's disputes
F3.17	Declaration regarding the confirmation of the identity of the effective beneficiaries and their non-classification in the situation of conviction for the participation in activities of a criminal organization or group, for corruption, fraud and/or money laundering

OFFER FORM (F3.1)

[The tenderer will complete this form in accordance with the instructions below. Changes to the format of this form will not be allowed, as well as no substitutions will be accepted in its text.]

Date of submission of the offer: 17 June 2021

Procurement procedure No.: ocds-b3wdp1-MD-1615975211331

Participation notice No.: ocds-b3wdp1-MD-1615975211331

To: National Bank of Moldova

Fidelity Information Services (FIS) LLC declares that:

- a) They have been examined and there are no reservations regarding the award documents, including modifications no. ____N/A____.
[enter the number and date of each modification, if any]
- b) Fidelity Information Services, LLC undertakes
[name of the tenderer]
to supply/provide, in accordance with the award documents and conditions stipulated in the technical and price specifications, the following goods IT solution for instant payments (licenses, implementation services and guarantee services).
[enter a brief description of the goods]
- c) The total amount of the offer without VAT constitutes:
USD 904,691 (Nine hundred & four thousand, six hundred & ninety one US Dollar)
[enter the price per batches (where applicable) and the total offer in words and figures, indicating all the respective amounts and currencies]
- d) The total amount of the offer with VAT constitutes:
USD 1,094,676 (Two million, one hundred & fifty four thousand, seven hundred & sixty US Dollar)
[enter the price per batches (where applicable) and the total offer in words and figures, indicating all the respective amounts and currencies]
- e) This offer will remain valid for the period specified in the **PDS3.8.**, starting with the deadline for submission of the offer, in accordance with the **PDS4.2.**, the offer will remain mandatory and may be accepted at any time until the expiration of this period;
- f) In case of acceptance of this offer, Fidelity Information Services, LLC
[name of the tenderer]
undertakes to obtain a Performance Guarantee in accordance with **PDS6**, for the proper execution of the public procurement contract.
- g) We are not in any conflict of interests, in accordance with point, in accordance with Article 79 of Law no. 131 of 03.07.2015 on public procurement.
- h) The signatory company, its affiliates or subsidiaries, including each partner or subcontractor that are part of the contract, have not been declared ineligible based on the provisions of the legislation in force or based on the regulations with impact on the field of public procurement.

Signed: _____
[signature of the person authorized to sign the offer]

Name: _____

In the capacity of: _____
[official position of the person signing the offer form]

Tenderer: Fidelity Information Services, LLC

Address: : 601 Riverside Avenue, Jacksonville, FL 32204, USA

Date: 17 June 2021

OFFER GUARANTEE (F3.2)

**(Please refer to following document for bank signature: FIS_Offer
Guarantee_17June2021)**

[The issuing bank will complete this bank guarantee form in accordance with the instructions below. The bank guarantee will be printed on the bank's letterhead, on special protected paper.]

[Name of the bank and address of the issuing office or subsidiary]

**Beneficiary: National Bank of Moldova, 1 Grigore Vieru Avenue, MD-2005, Chisinau,
Republic of Moldova**

Date: “ ____ ” _____ 2021

OFFER GUARANTEE No. _____

MUFG Bank, London was informed that **Fidelity Information Services, LLC (“FIS”)** (hereinafter referred to as „Tenderer”) will submit the offer to you on “17th” June 2021 (hereinafter referred to as "offer") for delivery / provision of **an instant payments software solution (licenses, implementation services and warranty services)** [object of the procurement] according to the participation notice no. **ocds-b3wdp1-MD-1615975211331** of “17” June 2021.

At the request of the Tenderer, we, MUFG Bank, London hereby, irrevocably undertake to pay you any amount or amounts that do not exceed the total amount of

USD 17,808.00 (Seventeen thousand, eight hundred and eight US Dollars)

upon receipt by us of the first written request from you, accompanied by a declaration stating that the Tenderer violates one or more of his obligations regarding the terms of the offer, namely:

- a) withdrew his offer during the period of validity of the offer or modified the offer after the expiration of the deadline for submission of offers; or
- b) being notified by the contracting authority, during the period of validity of the offer, about the award of the contract: (i) fails or refuses to sign the contract form; or (ii) fails or refuses to provide a performance guarantee, if required under the terms of the tender, or has not performed any of the conditions specified in the award documents prior to the signing of the procurement contract.

Any claims must bear the confirmation of the Beneficiary's bankers that the signatures thereon are authentic.

For the avoidance of doubt any document(s) received by way of facsimile or similar electronic means is/are not acceptable for any purpose(s) under this guarantee.

This guarantee will expire on the earlier of:

- I) the tenderer becoming the successful tenderer; and upon *receipt* by us of the copy of the contract award notice; and following the issuance of the Performance Guarantee issued to you at the request of the Tenderer; or
- II) At the expiry date on **15 October 2021**.

This guarantee is personal to the Beneficiary and is not assignable.

This guarantee shall be governed by and construed in accordance with English Law, and shall be subject to the exclusive jurisdiction of the English courts.

[authorized signature of the bank]

(Please refer to following document for bank signature: FIS_Offer Guarantee_17June2021)

PERFORMANCE GUARANTEE (F3.3)
(Not Applicable At This Stage of Tender)

[The commercial bank, at the request of the successful tenderer, will complete this form on the letterhead, in accordance with the instructions below.]

Date: “ ____ ” _____ 20 ____

Tender No .: _____

Bank Office: _____
[enter the full name of the guarantor]

Beneficiary: _____
[enter the full name of the contracting authority]

PERFORMANCE GUARANTEE
No. _____

We, *[enter the legal name and address of the bank]*, have been informed that the company *[enter the full name of the Provider]* (hereinafter referred to as “ Provider ”) has been awarded the Public procurement contract for the provision of services _____ *[object of the procurement, describe the services]* according to the invitation to tender no. _____ from _____ 201 ____ *[number and date of the tender]* (hereinafter referred to as "Contract").

Therefore, we understand that the Provider must submit a Performance Guarantee in accordance with the provisions of the award documents.

At the request of the Provider, we hereby irrevocably undertake to pay you any amount (s) not exceeding *[enter the amount (s) in figures and words]* upon receipt of the first written request from you, by which you declare that the Provider does not fulfill one or more obligations under the Contract, without discussion or clarification and without the need to demonstrate or show the grounds or reasons for your request or for the amount indicated therein.

This Guarantee will expire no later than *[enter the number]* from *[enter the month]* *[enter the year]*, and any request for payment related to it must be received by us at the office up to this date including.

[signatures of the authorized representatives of the bank and of the Provider]

STATEMENT OF CONFORMITY OF THE SUBMITTED OFFER WITH ITS ORIGINAL (F3.4)

Economic operator,
Fidelity Information Services, LLC
(name)

Undersigned ... Alexandru Gozun, acting based on the proxy of 9 June 2021 as representative of Fidelity Information Services, LLC....., legal representative / proxy of *Fidelity Information Services, LLC*, 601 Riverside Avenue, Jacksonville, FL 32204, USA..... (name / name and headquarters / address of the economic operator), as Tenderer in the procedure for awarding the public procurement contract having as object the purchase of the IT solution for instant payments (licenses, implementation services and guarantee services) organized by the National Bank of Moldova, declare on its own responsibility, under the sanction of exclusion from the award procedure and the sanctions applied to false statements, the following:

The offer submitted on behalf of the Tenderer, *Fidelity Information Services, LLC* (name), through the SIA platform "RSAP / MTender", electronically signed is in accordance with the bid signed in handwriting and stamped by the authorized representatives of the members of the association.

Date: 17 June 2021
(name and surname) _____, (signature and stamp), as legal representative / authorized to submit the offer for and on behalf of *Fidelity Information Services, LLC* (name of economic operator).

STATEMENT ON THE QUALITY OF PARTICIPANT IN THE PROCEDURE (F3.5)

Economic operator,

Fidelity Information Services, LLC

(name)

I, the undersigned ...Alexandru Gozun, acting based on the proxy of 9 June 2021 as representative of Fidelity Information Services, LLC.. *(full name of the authorized person)*, authorized representative of *Fidelity Information Services, LLC (name of the economic operator)*, declare under sole responsibility, under the sanctions applied to false public documents, that in the procedure for the award of procurement contract for the purchase of the IT solution for instant payments (licenses, implementation services and guarantee services) organized by the National Bank of Moldova, I participate and submit the tender:

☒ on my own behalf based on the capacity held under the power of attorney dated 9 June 2021; for, and in the name of Fidelity Information Services, LLC

☐ as an associate member in the association headed by: *(name of the leader)*;

☐ as subcontractor;

(Please check the appropriate option.)

We confirm that we do not participate in this tender for the same contract in no any other form.

(Only for members of the association) We confirm that the leader is authorized to require and receive instructions for and on behalf of each associate member, is responsible on its own and on behalf of the associate members for contract execution, that all association members are committed to stay together throughout the execution of the contract and that associate members will be responsible jointly to the Beneficiary for the implementation of the project, for the action or inactions of the leader or each associate member.

The undersigned declares that:

☒ I am not a member of any group or network of economic operators;

☐ I am a member of the group or network, which list with information is attached to this document.

(Please check the appropriate option.)

I also declare that the information provided is complete and correct in every detail and I understand that the contracting authority has the right to ask for any additional information for verification and confirmation of statements and documents accompanying the tender.

Date: 17 June 2021

*(name and surname)*_____, *(signature and stamp)*, as _____,
_____, duly authorized to sign the tender for and on behalf of *Fidelity Information Services, LLC (name of economic operator.)*

ASSOCIATION AGREEMENT (F3.6)
to participate in the procedure for award of procurement contract
(Not Applicable for FIS Proposal)

Economic operator,

(name)

We, the signatories: _____

associate to jointly execute the procurement contract for the purchase

_____, of the National Bank of Moldova.

Contractual activities that will be carried out jointly:

1. _____
2. _____
3. _____

To mention for each member of the association the activities that each member of them will provide.

1. Conditions of management and leadership of the association:

Leader of the association _____ undertakes the responsibility and receives instructions on behalf of the members of the association.

Upon undertaking the responsibility, the leader of the association shall present to the contracting authority the ways in which it intends to assume the responsibility of the activity to be carried out jointly. The way in which the joint tender will be carried out with the contribution of each member of the association shall be presented to the contracting authority.

The members of the association will be jointly and severally liable to the Beneficiary for the implementation of the project, for the actions, inactions of the Leader or of each of the members of the association.

The leader shall ensure the management and implementation of the project in accordance with the contract provisions, local legislation and in accordance with the NBM instructions, with maxim professionalism, efficiency and applying the best practices in the field.

The leader shall have the final responsibility for the implementation of the project.

2. Methods to share the results of carried out economic activities:

according to the share of participation of each party to the performance of the tasks agreed to be carried out jointly.

3. Reasons for termination of the association and the share-out of liquidation results:

- termination of the association in case of denunciation of the association agreement by a member of the association. The denunciation of the association agreement made unilaterally by

one of the partners may not be opposed to the Beneficiary and does not disengage the denouncer from its obligations undertaken in the tender. The denouncer shall remain committed and responsible to the Beneficiary until the assumed obligations are achieved effectively and in good faith.

- the results of liquidation shall be shared according to the participation share of each Party until the termination date of the association.

4. Physical, value and percentage share-out of procurement contract undertaken by each member of association for the implementation of the objective subject to tender:

_____ % _____

_____ % _____

The members of the association guarantee to the Beneficiary that the disputes that may arise in connection with the obligations they have undertaken jointly through a joint tender will not affect in any way the execution in good faith of the obligations assumed.

Leader of the association:

Other provisions: _____

The leader of the association shall present to the Beneficiary the express and authentic authority under which it acts on behalf and for the members of the association.

The authority shall include explicitly the powers that have been entrusted by the members of the association and shall include all specific responsibilities undertaken by the leader on behalf of the association to the contracting authority. In case of failure to present this authority, the association will not be able to prove the way in which it understands to act in order to carry out the joint tender, which shall be signed by each member of the association and properly undertaken.

Date:

LEADER OF THE ASSOCIATION,

MEMBER OF THE ASSOCIATION,

This agreement of association is a reference model and shall be filled out according to the specific requirements of the object of the contract(s). The association shall maintain validity for a period at least equal to the time required to conduct procurement contract subject to this procedure.

**STATEMENT ON THE LIST OF MEMBERS OF ASSOCIATION AND
SUBCONTRACTORS AND THE AREAS OF RESPONSIBILITY TO BE
AWARDED (F3.7)**

(Not Applicable for FIS Proposal)

Economic operator,

(name)

I, the undersigned,.....(*full name of the authorized person*), authorized representative of..... <name/name and surname and headquarter/address of the Tenderer>, declare under sole responsibility, under the sanctions applied to false public documents, that the data presented in the table below is true.

I declare that the information provided is complete and correct in every detail and I understand that the contracting authority has the right to ask for any additional information for verification and confirmation of statements and documents accompanying the tender.

Hereby, I authorize any institution, trading company, bank or other legal entity to provide information to authorized representatives of the National Bank of Moldova regarding any technical or financial aspect in connection with our activity.

Legal entity name (associate member or subcontractor)	Activities from the contract	Approximate value	% from the value of the contract	Address	Associated agreement / subcontractor with specimen signature
Leader of the association					
Associate member 1					
Associate member 2					
Subcontractor 1					

A list of activities and their corresponding value for each associate member and for which subcontractors are proposed shall be included in this table, together with names and addresses of proposed subcontractors.

Date: [DD.MM.YYYY]

(name)_____, (*signature and stamp*), as _____, duly authorized to sign the tender for and on behalf of _____ (*name of economic operator*).

RECOMMENDATION LETTER (F3.8)

**(Please refer to following reference letters provided as attachments:
FIS_Recommendation1_17June2021, FIS_Recommendation2A_17June2021,
FIS_Recommendation2B_17June2021)**

Beneficiary

(name and contact details)

Hereby, we certify that *(name of Provider)* provided to *(name of Beneficiary)* services *(type of services)*, according to the contract signed on *(date of signature)*.

The subject and the main objective of the contract were as following *(to be indicated)*.

The total value of the rendered services was *(to be indicated)*.

The period of the rendered services was *(to be indicated)*.

*This recommendation letter is a sample and shall be filled in according to the type of the contract.
The recommendation letter may be presented in any other form, considering the required information stated above.*

Beneficiary,

.....

(name and authorized signature)

Contact person

Tel:

E-mail:

STATEMENT ON THE LIST OF MAIN SIMILAR GOODS DELIVERED AND SERVICES RENDERED IN THE LAST 5-7 YEARS (F3.9)

Economic operator,

Fidelity Information Services, LLC

(name)

I, the undersigned, authorized representative of Fidelity Information Services, LLC., 601 Riverside Avenue, Jacksonville, FL 32204, USA. *<name/name and surname and headquarter/address of the Tenderer>*, declare under sole responsibility, under the sanctions applied to false public documents, that the data presented in the table below is true.

I declare that the information provided is complete and correct in every detail and I understand that the Beneficiary is entitled to ask any additional information for verification and confirmation of statements and documents accompanying the Tender.

Hereby, I authorize any institution, trading company, bank or other legal entity to provide information to authorized representatives of the National Bank of Moldova regarding any technical or financial aspect in connection with our activity.

LIST OF MAIN SERVICES RENDERED IN THE LAST 5-7 YEARS

No.	Number and object of the contract/ Type of services provided	Purposes of providing services	The role in the fulfilment of the contract (*)	Share fulfilled by the Tenderer (%)	Performance indicators of the project (measurable) (***)	Name, headquarter /address of the Beneficiary /Client/ website	Period of contract (**)
0	1	2	3	4	5	6	7
1	Software license, implementation service, maintenance and support service	Payments processing, including SEPA and SWIFT corresponding banking	Single contractor	100%	100% of agreed deliverables has been delivered to customer	Santander Global Technology, S.L. 28660-Madrid, SPAIN	2008 - ongoing
2	Software license, implementation service, maintenance and support service	Payment processing, including a Payment platform with exchange of SEPA Payments, and including Instant Payments for all BCPE group distributors	Single contractor	100%	100% of agreed deliverables has been delivered to customer	NATIXIS PAYMENT SOLUTIONS, 94220 Charenton-le-Pont France	2014 - ongoing
3							
4				-			

Methods for managing applied knowledge: FIS, a trusted provider of financial technology services on a global scale, always ensures to embed learnings from earlier project and customer implementations into our company's best practices. Hence, the National Bank of Moldova can trust that FIS will leverage the accumulated learnings from our previous implementation projects in our project for the National Bank of Moldova, if we are the successful tenderer.

Appendixes:

Copies of recommendations of the Beneficiary, according to F3.12.

Date:17/06/2021

Economic operator,

.....

(name and authorized signature)

**) To specify the role of the Tenderer in the execution of contract, which may be: a single contractor or contractor leader (leader of the association), associated contractor, subcontractor.*

***) To specify the starting date and the initial (extended) date to finalize the contract.*

****) To specify the main measurable key performance indicators of the project, reflecting its major benefits. These are to be expressed in % or other quantitative indicators. There may be also included qualitative indicators.*

LIST OF KEY EXPERTS PROPOSED FOR CONTRACT IMPLEMENTATION (F3.10)

Economic operator,

Fidelity Information Services, LLC (“FIS”)

(name)

No	Name and surname	Proposed role	Work experience in the requested field	Work experience in the organization	Work experience in the banking area	Work experience in the central banking area	Languages
1	FIS employee #1	Solution Architect	8 years in instant payments	1 month at FIS	16 years	16 years	Norwegian, English
2	FIS employee #2	Business Analyst	2 years	2 months at FIS	4 years	2 years	Danish, English
3	FIS employee #3	Business Analyst	5 years	2 months at FIS	5 years	5 years	Danish, English
4	FIS employee #4	Project Manager	5 years	1 month at FIS	10 years	10 years	Norwegian, English
5	FIS employee #5	Technical Consultant	5 years	1 month at FIS	18 years	18 years	Norwegian, English
6	FIS employee #6	Software Developer	3 years	1 month at FIS	3 years	3 years	English
7	FIS employee #7	Test Manager	3 years	1 month at FIS	10 years	3 years	English

Please find attached to the statement the CVs of proposed staff proposed to execute the procurement contract and relevant documents to support each of the resume.

Date: 17 June 2021

Economic operator,.....

(name, authorized signature and stamp)

CURRICULUM VITAE (F3.11)

1. **Role proposed within the project:** Solution Architect
2. **Name:** FIS employee #1
3. **Surname:**
4. **Date of birth:** 6th of November 1974
5. **Marital Status:** Married
6. **Education:** Master of Science

Institution (from – to)	Degree and schooling level:
Univ. of Oslo (1994-1999)	Master of Science

7. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	Writing
Norwegian	1	1	1
English	1	1	1

8. **Member of professional bodies/associations:**
9. **Other abilities:** (*e.g. P.C., etc.*)
10. **Current professional position:** Agile Product Owner Senior
11. **Seniority at current work:** 1 months at FIS, 16 years as software developer and solution architecting clearing and settlement systems.
12. **Relevant qualifications for the project:**
 - In-depth knowledge of ISO20022 and rulebooks (SCT, SCTInst)
 - In-depth knowledge of the TARGET platform (i.e. TARGET2 and TIPS)
 - Been part of several instant payment implementations

13. **Specific experience in projects (according to the criteria indicated in the Tender Document):**

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
Implementation of Instant Payments in Italy	A full implementation of a new instant payment infrastructure + interoperability with TIPS	01/09/2016 – 01/12/2017 (+ ongoing deliveries of change requests and new features)	<ul style="list-style-type: none"> • Implementing functional and non-functional requirements with customers • Support testing phase • Ensure functional delivery meets expectations

Implementation of Instant Payments in Slovenia	A full implementation of a new instant payment infrastructure + interoperability with TIPS	01/12/2017 – 01/02/2019 (+ ongoing deliveries of change requests and new features)	<ul style="list-style-type: none"> Implementing functional and non-functional requirements with customers Support testing phase Ensure functional delivery meets expectations
Implementation of Instant Payments in Hungary	A full implementation of a new instant payment infrastructure	01/01/2018 – 16/03/2019 (+ ongoing deliveries of change requests and new features)	<ul style="list-style-type: none"> Implementing functional and non-functional requirements with customers Support customer with final go-live preparations Ensure functional delivery meets expectations

14. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
01/01/2000 – 30/06/2000	Norway	Norwegian Computing Center	Researcher	Research of mobile technical solution and software development
30/06/2000 - 30/06/2001	Norway	Feezt AS	Developer	Software development for Internet
01/07/2001 - 01/03/2005-	Norway	Schibsted Telecom	Developer	Software development for Internet
15/03/2005- 30/04/2021	Norway	Nets A/S	Developer and Solution Architect	Software developer and solution architect for clearing and settlement systems.
01/05/2021 – present	Norway	FIS		Agile Product Owner

15. **Other relevant information** (e.g., Publications)

16. **Appendixes** (*copies of the diploma, certificates, references, etc.*)

Name and signature.

Authorized signature of the representative of the tenderer:

Date (DD/MM/YYYY)

CURRICULUM VITAE (F3.11)

2. **Role proposed within the project:** Business analyst / Business consultant
3. **Name:** FIS employee #2
4. **Surname:**
5. **Date of birth:** 22nd of November 1976
6. **Marital Status:** Divorced
7. **Education:** Bsc. Economics and Business administration

Institution (from – to)	Degree and schooling level:
Copenhagen Business School -2013-2015	Graduate Diploma in Business Administration (Marketing Management) - HD(MM)
Copenhagen Business School -2011-2013	The Graduate Certificate program - HD 1
OsloMet – storbyuniversitetet – 2007-2009	Telenor Project Professional

8. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	Writing
Danish	1	1	1
English	1	1	1
Norwegian	2	2	5
Swedish	2	2	5
Portuguese	2	2	4
Spanish	3	4	5
French	3	4	5
Romanian	5	5	5
German	3	3	4

9. **Member of professional bodies/associations:**
10. **Other abilities:** (*e.g. P.C., etc.*)
11. **Current professional position:** Product Manager II
12. **Seniority at current work:** 3 years and 8 months at FIS / Nets
13. **Relevant qualifications for the project:**
 1. Knowledge of ISO20022 and rulebooks (SCT, SCTInst, SPL, SRTP)
 2. In-depth knowledge of supporting functionalities in the RealNet Central platform
 3. Project Management and Product Owner experience
14. **Specific experience in projects (according to the criteria indicated in the Tender Document):**

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
Development of functionalities to the RealNet Central	Development of Reports, Simulators and Self-service Portal	01/08/2019 – present	Product owner responsibilities including: <ul style="list-style-type: none"> Defining functional requirements with customers

	For the RealNet Central portal (essentially for all clients)		<ul style="list-style-type: none"> • Drive development teams (scrum) • Ensure documentation, • Support testing phase • Ensure functional delivery meets expectations
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15. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
01/01/1998 – 29/02/2000	Norway	Tele2	System Consultant	* Server Hosting manager and Dialup Roaming Manager. Documentation of these product areas led to the position as Assistant Product Manager
01/03/2000 – 31/12/2000	Norway	Tele2	Assistant Product Manager	* Updating of product material for all UNI2 products and documentation of customer processes
01/01/2001 – 31/12/2003	Norway	Tiscali	Product Manager	* Introduced a domain supplier as part of value chain with the effect of cutting cost and simplifying order flow. Introduced the system for Tiscali International and the domain supplier was implemented in all Tiscali countries cutting costs in all countries
01/01/2004 – 31/08/2004	Norway	Tiscali	Nordic Product Development Manager	* Introduced Nordic VAS offers such as Symantec antivirus ISP solution and led implementation in the Nordic countries
01/09/2004 – 28/02/2005	Norway	Tiscali	Product Operations Manager	* Coordination of closing Nordic offers after Tiscali Sweden and Tiscali Norway was sold
01/03/2005 – 30/09/2005	Norway	UNI2 A/S	Product Manager	* Successfully migrated all Tiscali Hosting customers to UNI2
01/10/2005 – 31/10/2010	Norway	Telenor DK	Project Manager	* Introduced 20 Mbit national offer and migrated 60.000 customers to new network increasing ARPU and cutting network cost * Introduced ADSL2+ (20 Mbit copper broadband) technology and products within short time to market period on own platform and increasing ARPU
01/10/2010 – 31/05/2012	Norway	Telenor DK	Product Manager	* Introduced and implemented one-router-strategy with substantial savings in customer service and administration
01/06/2012 – 31/12/2014	Norway	Cryptera A/S	Product Manager	* Global Product Management - Payment Solutions * Project Management - Payment Solutions

01/01/2015 – 30/06/2016		Cryptera A/S	Commercial Product Manager	* Global Product Management - Payment Solutions * Marketing Management * Project Management * Customer Project Management
01/07/2016 – 30/09/2017	Norway	Cryptera A/S	Global Service & Support Manager	* Global Service & Support Management * Department Manager (department created and implemented from scratch) * Service and RMA process management * Implementation and maintenance of local production in Brazil
01/10/2017 – 31/07/2019	Norway	Nets A/S	Product Manager	* Product Owner - Nets Payments self-service portals * Product Management - Nets Payments Products * Project Management - Compliance (GDPR & Major Incident Reporting)
01/08/2019 – 31/3/2021	Norway	Nets A/S	Senior Product Owner	Product Manager/Owner for the RealTime24/7 instant payment platform
01/04/2021 – present	Norway	FIS	Product Manager	Product Manager/Owner for the RealNet™ Central instant payment platform

16. **Other relevant information** (e.g., Publications)

17. **Appendixes** (*copies of the diploma, certificates, references, etc.*)

Name and signature.

Authorized signature of the representative of the tenderer:

Date (DD/MM/YYYY)

CURRICULUM VITAE (F3.11)

3. **Role proposed within the project:** Business analyst / Business consultant
4. **Name:** FIS employee #3
5. **Surname:**
6. **Date of birth:** 6th of December 1994
7. **Marital Status:** Married
8. **Education:** Bsc. Economics and Business administration

Institution (from – to)	Degree and schooling level:
Aarhus University	Bachelor degree

9. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	Writing
Danish	1	1	1
English	1	1	1
Norwegian	2	2	5
Spanish	4	5	4

10. **Member of professional bodies/associations:** Former member of the Liquidity consultation group for the National Bank of Denmark
11. **Other abilities:** (*e.g. P.C., etc.*)
12. **Current professional position:** Product Manager II
13. **Seniority at current work:** 2 months at FIS, 5 years in Product Manager role
14. **Relevant qualifications for the project:**
 1. Scrum Product Owner Certified (SPOC) by SCRUMstudy (2018)
 2. In-depth knowledge of ISO20022 and rulebooks (SCT, SCTInst, SPL, SRTP)
 3. In-depth knowledge of the TARGET platform (i.e. TARGET2 and TIPS)
 4. Been part of several instant payment implementations
 5. Extensive experience running training sessions
15. **Specific experience in projects (according to the criteria indicated in the Tender Document):**

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
Implementation of Instant Payments in Italy	A full implementation of a new instant payment infrastructure + interoperability with TIPS	01/09/2016 – 01/12/2017 (+ ongoing deliveries of change requests and new features)	Product owner responsibilities including: <ul style="list-style-type: none"> • Defining functional requirements with customers • Drive development teams (scrum) • Ensure documentation, • Support testing phase

			<ul style="list-style-type: none"> • Ensure functional delivery meets expectations
Implementation of Instant Payments in Slovenia	A full implementation of a new instant payment infrastructure + interoperability with TIPS	01/12/2017 – 01/02/2019 (+ ongoing deliveries of change requests and new features)	Product owner responsibilities including: <ul style="list-style-type: none"> • Defining functional requirements with customers • Drive development teams (scrum) • Ensure documentation, • Support testing phase • Ensure functional delivery meets expectations
Implementation of Instant Payments in Hungary	A full implementation of a new instant payment infrastructure	01/01/2018 – 16/03/2019 (+ ongoing deliveries of change requests and new features)	Product owner responsibilities including: <ul style="list-style-type: none"> • Defining functional requirements with customers • Drive development teams (scrum) • Ensure documentation, • Support testing phase • Ensure functional delivery meets expectations

16. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
01/09/2016 – 31/3/2021	Norway	Nets A/S	Product Manager	Product Manager/Owner for the RealTime24/7 instant payment platform
01/04/2021 – present	Norway	FIS	Product Manager	Product Manager/Owner for the RealNet™ Central instant payment platform

17. **Other relevant information** (e.g., Publications)

18. **Appendixes** (*copies of the diploma, certificates, references, etc.*)

Name and signature.

Authorized signature of the representative of the tenderer:

Date (DD/MM/YYYY)

CURRICULUM VITAE (F3.11)

4. **Role proposed within the project:** Software Developer
5. **Name:** FIS employee #6
6. **Surname:**
7. **Date of birth:** 20-09-1991
8. **Marital Status:** Unmarried
9. **Education:** B. Tech

Institution (from – to)	Degree and schooling level:
University of Petroleum and Energy Studies (2010-2014)	Bachelor of Technology.

10. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	Writing
English	5	5	5
Norwegian	2	2	2

11. **Member of professional bodies/associations:** Na
12. **Other abilities:** (*e.g. P.C., etc.*)
13. **Current professional position:** Senior Software Engineer 2
14. **Seniority at current work:** 2 years
15. **Relevant qualifications for the project:**
 - Knowledge of ISO20022 SCTInst rulebook
 - Java development experience (6 years)
 - Application maintenance and support.

16. **Specific experience in projects (according to the criteria indicated in the Tender Document):**

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
RealNet Central (former RealTime 24/7)	Software development Software Maintainance Production Onsite Support	17.11.2018 - present	Software development; System responsible for GIRO (Hungary); On-call duty.

17. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
May 2021 – present	Norway	FIS	Software Engineer II	Software development
Mar 2021 – Apr 2021	Norway	Mastercard	System Owner (Hungarian Payments)	System responsible
August 2020 – Mar 2021	Norway	Nets	System Owner (Hungarian Payments)	System responsible On-call duty (1 nd line support)
November 2018 – August 2020	Norway	LTI	Senior Software Engineer	Application development On-site support Application maintenance
November 2018 – July 2017	India	Java RnD	Senior Software Engineer	Application development On-site support Application maintenance
July 2014 – July 2017	India	Infosys	Software Engineer	Application development On-site support Application maintenance

18. Other relevant information (e.g., Publications)

19. Appendixes (*copies of the diploma, certificates, references, etc.*)

Name and signature.

Authorized signature of the representative of the tenderer:

Date (DD/MM/YYYY)

CURRICULUM VITAE (F3.11)

5. **Role proposed within the project:** Test Team Leader
6. **Name:** FIS employee #7
7. **Surname:**
8. **Date of birth:** 24th June 1987
9. **Marital Status:** Married
10. **Education:** Masters in Computer Applications

Institution (from – to)	Degree and schooling level:
SASTRA University(Tamilnadu, India) -2008-2011	Masters of Computer Applications
Utkal University (India) -2005-2007	Bachelor Of Science with Hons

11. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	writing
English	1	1	1
Norwegian	3	3	3
Hindi	1	1	1
Odiya	1	1	1

12. **Member of professional bodies/associations:**
13. **Other abilities:** (*e.g. P.C., etc.*)
14. **Current professional position:** Senior Quality Assurance Analyst II
15. **Seniority at current work:** 1 month at FIS, 3 years at nets, 7 Years in the Testing roles
16. **Relevant qualifications for the project:**
 1. Fitnesse, Cucumber, Splunk, SQL, zephyr, ALM, JIRA
 2. Knowledge of ISO20022 and rulebooks (SCT, SCTInst, SPL, SRTP)
 3. EDIFACT and TELEPAY formats, swift network
 4. In-depth knowledge of instant payment platform
 5. Payment gateways, Domestic/Crossborder payment lifecycle
 6. Knowledge of Open banking and PSD2 regulations
 7. Test Lead, Test analyst experience.
17. **Specific experience in projects (according to the criteria indicated in the Tender Document):**

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
Implementation of Interoperability in Italy	A full implementation of a new interoperability infrastructure with TIPS	01/04/2019 – present	Test Leader and Test Analyst responsibilities including: <ul style="list-style-type: none"> Creating Test-plan, which include details related to resource, planning , contact persons, estimations, defect management details etc.

			<ul style="list-style-type: none"> • Provide Test suite for all the payment applications involved in this project, with emphasis on value chains in the cluster, mapped them with requirements thus establishing test traceability. Both Functional and non-functional. • Ensure documentations, defect management and planning of deployment. • Involve in UAT testing with beneficiary banks. Coordinating between banks and our systems. • Plan and execute the Production verifications after implementation. • Ensure delivery meets expectations
Implementation of interoperability in Slovenia	A full implementation of interoperability infrastructure with TIPS with Bank of Slovenia	01/01/2020 – 01/02/2021	<p>Test Leader and Test Analyst responsibilities including:</p> <ul style="list-style-type: none"> • Creating Test-plan, which include details related to resource, planning , contact persons, estimations, defect management details etc. • Provide Test suite for all the payment applications involved in this project, with emphasis on value chains in the cluster, mapped them with requirements thus establishing test traceability. Both Functional and non-functional. • Ensure documentations, defect management and planning of deployment. • Involve in UAT testing with beneficiary banks. Coordinating between banks and our systems. • Plan and execute the Production verifications after implementation.

			Ensure delivery meets expectations
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18. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
01/09/2018 – 01/05/2021	Norway	Nets AS/Mastercards	Test Leader/Test Analyst	Planning, Coordinating, executing and quality assuring deliveries for TIPS and Inst payment implementations for different banks.
01/10/2013 – 31/08/2018	Norway	TATA Consultant at DNB bank	Test Manager/Test Analyst	Planning, Coordinating, executing and quality assuring deliveries for many projects for banks including SEPA implementation and PSD2 compliance implementations.
01/11/2011 – 01/08/2013	India	TATA Consultant	Mainframe Developer	Developing new features for many clients including Bank Of America, Aviva insurance etc.

19. **Other relevant information** (e.g., Publications)

20. **Appendixes** (*copies of the diploma, certificates, references, etc.*)

Name and signature.

Authorized signature of the representative of the tenderer:

Date (DD/MM/YYYY)

CURRICULUM VITAE (F3.11)

6. **Role proposed within the project:** Project Manager
7. **Name:** FIS employee #4
8. **Surname:**
9. **Date of birth:** 24th of March 1980
10. **Marital Status:** Married
11. **Education:** Bachelor's Degree, Science in Information Systems

Institution (from – to)	Degree and schooling level:
NITH (2000-2003)	Bachelor's Degree, Specialization System Engineering

12. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	Writing
Norwegian	1	1	1
English	1	1	1
Swedish	1	1	1
Danish	2	2	2

13. **Member of professional bodies/associations:** N/A
14. **Other abilities:** (e.g. P.C., etc.) N/A
15. **Current professional position:** Project Manager Senior Technology
16. **Seniority at current work:** 1 month in FIS, 10 years in Nets
17. **Relevant qualifications for the project:**
 1. Prince2 Practitioner and Foundation Certified (APMG)
 2. SAFe5 Practitioner and Agilist Certified (Scaled Agile)
 3. Technical infrastructure knowledge, implementations and participated in several instant payment tenders
18. **Specific experience in projects (according to the criteria indicated in the Tender Document):**

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
Instant Payments for Italy	Infrastructure implementation and planning	2016-2017	Technical Project Manager
Instant Payments for Slovenia	Infrastructure implementation and planning	2017-2018	Technical Project Manager
Instant Payment for the Nordics	Infrastructure implementation and planning	2014, 2017, 2019	Technical Project Manager
Instant Payments for Hungary	Infrastructure planning	2018-2019	Technical Project Manager
Instant Payments project for UK	RFP work and infrastructure planning	2018	Technical Project Manager

Instant Payments project for UAE	RFP work and infrastructure planning	2019	Technical Project Manager
Domestic and International RFI and RFPs experience	RFP work and infrastructure planning	2016- current	Technical Project Manager, Infrastructure Architect

19. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
06/12/2004 – 30/4-2011	Norway	Ragn-Sells AS	IT Operations Manager	IT Operations Manager
01/05/2011 – 30/4/2021	Norway	Nets Branch Norway A/S	Technical Project Manager, IT Delivery Manager, Infrastructure Architect	Technical Project Manager, IT Delivery Manager, Infrastructure Architect
01/05/2021 – present	Norway	FIS	Project Manager Senior - Technology	Project Manager Senior - Technology

20. **Other relevant information** (e.g., Publications)

21. **Appendixes** (*copies of the diploma, certificates, references, etc.*)

Name and signature.

Authorized signature of the representative of the tenderer:

Date (DD/MM/YYYY)

CURRICULUM VITAE (F3.11)

7. **Role proposed within the project:** Technical Consultant
8. **Name:** FIS employee #5
9. **Surname:**
10. **Date of birth:** 6th of June, 1967
11. **Marital Status:** Married
12. **Education:** 4 years at university

Institution (from – to)	Degree and schooling level:
Norges Arktiske Universitet (1993 – 1996)	Høgskolekandidat (Computer Science)
Norges Arktiske Universitet (1996 – 1997)	Economy and Business Administration

13. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	Writing
Norwegian	1	1	1
English	1	1	1
Swedish	2	3	2
Danish	2	2	2

14. **Member of professional bodies/associations:** NA
15. **Other abilities:** (*e.g. P.C., etc.*) NA
16. **Current professional position:** Infrastructure Architect
17. **Seniority at current work:** 18+ years in Nets, 1 month in FIS
18. **Relevant qualifications for the project:** Technical involvement in several instant payment tenders and implementations
19. **Specific experience in projects (according to the criteria indicated in the Tender Document):**

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
Instant Payment projects domestic & internationally	RFP work and infrastructure planning	2016 - 2021	Technical Architect
Instant Payment project for Italy	Infrastructure planning	2016 - 2017	Technical Architect
Instant Payment project for Slovenia	RFP work and infrastructure planning	2017 - 2018	Technical Architect
Instant Payment project for the Nordics	RFP work and infrastructure planning	2018	Technical Architect
Instant Payment project for Hungary	RFP work and infrastructure planning	2018 - 2019	Technical Architect

Instant Payment project for UAE	RFP work and infrastructure planning	2019	Technical Architect
Instant Payment project for the UK	RFP work and infrastructure planning	2019	Technical Architect

20. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
06 1997 – 03 2000	Norway	Skrivervik Data/Gentronics	Consultant/Senior Consultant/Team Leader	Technical Consultant at several customers
03 2000 – 10 2002	Norway	Sun Microsystems	Senior Consultant	Technical Consultant at several customers
10 2002 – 01 2003	Norway	Contractor at Sun Microsystems	Senior Consultant	Technical Consultant at several customers
01 2003 – 05 2021	Norway	BBS /Nets Norway	Senior Consultant/Infrastructure Architect	SME Unix, Infrastructure Architect in several projects
1 st of May - Present	Norway	FIS	Infrastructure Architect	Infrastructure Architect

21. **Other relevant information** (e.g., Publications)

22. **Appendixes** (*copies of the diploma, certificates, references, etc.*)

Name and signature.

Authorized signature of the representative of the tenderer:

Date (DD/MM/YYYY)

STATEMENT ON THE AVAILABILITY OF TEAM MEMBERS (F3.12)

during the contract of delivery of a software solution _____ for instant payments _____ (licenses, implementation services and warranty services), which make the object of the procurement procedure

Economic operator,

Fidelity Information Services, LLC

(name)

I, the undersigned ... Alexandru Gozun, acting based on the proxy of 9 June 2021 as representative of Fidelity Information Services, LLC..., legal representative/appointee of the Fidelity Information Services, LLC, 601 Riverside Avenue, Jacksonville, FL 32204, USA..... *(name and location/address of economic operator)*, as a Tenderer to the procedure of award of procurement contract for the procurement of instant payments software solution (licenses, implementation services and warranty services), organized by the National Bank of Moldova, declare under sole responsibility, under penalty of exclusion from the award procedure and the sanctions applied to false in statements, the following:

- team members will be available to ensure local presence in the Republic of Moldova during the project (in its implementation phase), when necessary;
- team members will be insured until the end of provision of contract;
- in case there will appear the need to change a member of the team, this change shall be made after the coordination and written consent of the NBM;

Date: 17 June 2021

*(name)*_____, *(signature and stamp)*, as _____,

duly authorized to sign the tender for and on behalf of Fidelity Information Services, LLC
(name of economic operator).

LIST OF STRUCTURAL VALIDATION OF TENDERER (F3.13)

1. Qualification documents

No.	Required information	Tenderer Statement of conformity (Yes/No/N/A)	Reference to page of tender	Tenderer's comments
1.	Offer Form (F3.1)	Yes	3	
2.	Offer Guarantee (F3.2)	Yes	4	Offer Guarantee is provided in full but technical changes made to ensure it can be properly administered by the bank provider.
3.	Performance guarantee (F3.3) <i>Note: This form is presented by the Tenderer only at the time of signing the contract.</i>	N/A		
4.	Statement of conformity of the submitted offer with its original (F3.4)	Yes	6	
5.	Statement on the quality of participant in the procedure (F3.5)	Yes	7	Added "and in the name of Fidelity Information Services, LLC" for clarity.
6.	Association Agreement (F3.6)	N/A		
7.	Letter of authority signed by the persons entitled to representation and signature of all associate members - appointing authority	N/A		
8.	Letter of authority from the person authorized to sign the tender on behalf of the Tenderer (to each associate member) / to engage the Tenderer in the procurement procedure	Yes	Please refer following documents: FIS_Power Of Attorney_17June2021, FIS_Letter to NBM regarding PWC_17June2021	FIS LLC has authorized PWC employees to sign for and on behalf of FIS.
9.	The express and authentic power of attorney of the Leader on the basis of	N/A		

	which he acts in the name and for the associate members.			
10.	Statement on the list of members of association and, where applicable, of subcontractors and part / parts of the contract of fulfilment by them (F3.7)	N/A		
11.	Authorization for the area of activity and/or License of activity	Yes	Please refer document: FIS_Confirmation on Authorization_17June2021	
12.	Financial Reports or extracts from Balance sheet and Profit and loss account, or auditor's reports for the last 3 years of activity (as of 31.12.2017 , 31.12.2018 and 31.12.2019)	Yes	Please refer documents: FIS_SEC Filing FY2017_17June2021, FIS_SEC Filing FY2018_17June2021, FIS_SEC Filing FY2019_17June2021	
13.	Recommendation letters from beneficiaries (F3.8)	Yes	Please refer documents: FIS_Recommendation1_17June2021, FIS_Recommendation2A_17June2021, FIS_Recommendation2B_17June2021	
14.	Statement on the list of main similar goods delivered and services rendered in last 5-7 years (F3.9)	Yes	13	
15.	Relevant certificates attesting services / products quality (e.g., ISO 9001, 20000, 27000 etc.)	Yes	Please refer documents: FIS_ISO 22301 Certificate_17June2021, FIS_ISO 27001 FIS Enterprise Certificate_17June2021	
16.	List of experts proposed for contract implementation (F3.10)	Yes	15	Names of key experts undisclosed due to privacy reasons, in

				agreement with NBM
17.	Curriculum vitae of key experts specified in the key experts list(F3.11)	Yes	16	Names of key experts undisclosed due to privacy reasons, in agreement with NBM
18.	Probative documents, issued by the employer / employers or beneficiaries with information on the specific experience of key experts	Yes	Please refer document: FIS_HR Statement_17June2021	
19.	Statement on availability of team members (F3.12)	Yes	34	Added “In its implementation phase” for the sake of clarity
20.	Qualification requirements form (F3.14)	Yes	Please refer document: FIS_F3.14 Qualification requirements form_17June2021	
21.	Questionnaire for provider/supplier (F3.15) <i>Note: This form is presented by the Tenderer only at the time of signing the contract.</i>	Yes	42	
22.	Statement on the tenderer's disputes (F3.16)	Yes	44	
23.	Declaration regarding the confirmation of the identity of the effective beneficiaries and their non-classification in the situation of conviction for the participation in activities of a criminal organization or group, for corruption, fraud and/or money laundering (F3.17)	Yes	46	Added “Fidelity Information Services, LLC is not aware of any relevant convictions for such matters in respect of these Beneficiaries” for the sake of clarity.
24.	Proof of registration of the legal entity: Extract from the State Register/ Ascertaining certificate issued by the competent trade register regarding the founders and the administrator	Yes	Please refer documents: FIS_Articles of Conversion_17June2021,	

			FIS_Articles of Organization_17June2021, FIS_Client Information Sheet_17June2021, FIS_Certificate of Good StandingA_17June2021, FIS_Extract Equivalent from State of Arkansas_17June2021	
25.	Certificate of bank account or other similar document that evidences a bank account	Yes	Please refer document: FIS_Bank Account Confirmation_17June2021	
26.	Certificate confirming the absence or existence of arrears from the national public budget	Yes	Please refer documents: FIS_Certificate of Good StandingD_17June2021, FIS_EDGAR instructions_17June2021	
27.	The European single procurement document (ESPD)	Yes	Please refer document: FIS_ESPD duae_17June2021	
28.	Technical specifications (F4.1)	Yes	48	
29.	Price specifications (F4.2)	Yes	50	

2. Financial proposal (structure of costs)

No.	Required information	Tenderer Statement of conformity (Yes/No/N/A)	Reference to page of tender	Tenderer's comments
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a.	Financial proposal for implementation services (F4.3)	Yes	53	
b.	Total Cost of Ownership (TCO) (F4.5)	Yes	55	

3. Technical proposal

No .	Required information	Tenderer Statement of conformity (Yes/No/N/A)	Reference to page of tender	Tenderer's comments
a.	Tenderer's understanding of the general objectives on implementation of the project and its perimeter (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, page 3	
b.	Executive summary – overview on the implementation project, including Tenderer's opinion on difficulties/ pain points usually encountered in such complex implementations (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p. 3, FIS tender proposal, p. 33 + FIS tender proposal, p. 44	
c.	Working hypotheses for the project in general and for each phase (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p. 44, 46	
d.	Description of the proposed solution (functional and technical solution, technologies, description of models/components) (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 1,2,3	
e.	Links of the video recordings of the demonstration sessions (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	Please refer to document: FIS_Demo Links_17June2021	Links and passwords attached in given document
f.	Description of working principles applied by the Tenderer during the project (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 4	
g.	Required additional software components and recommended hardware configuration (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, page 33	
h.	Proposal of number of licenses and the way the licensing policy will be enforced in the context of project requirements, including any type of additional licenses needed to use the proposed system (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 8	
i.	Implementation strategy: description of the approach, deliverables and methodology / standards for the	Yes	FIS tender proposal, section 4	

No .	Required information	Tenderer Statement of conformity (Yes/No/N/A)	Reference to page of tender	Tenderer's comments
	implementation steps (<i>Chapter IV – Requirements (F4.4)</i>)			
j.	Project organizational chart (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p.48	
k.	Approach to project management (including quality assurance and change management) (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 4 (p. 49,50)	
l.	Project Management Plan(<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p.47	
m.	Description of the approach, deliverables and tools used for Project Management related activities (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, page 3	
n.	Description of the approach, deliverables and tools used for Analysis phase (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 3	
o.	Description of the approach, deliverables and tools used for Design phase (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 3	
p.	Description of the approach, deliverables and tools used for Implementation/Build phase (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 3	
q.	Description of the approach, deliverables and tools used for Testing phase (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p.49	
r.	Description of the approach, deliverables and tools used for Training phase (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 5	
s.	Description of the approach, deliverables and tools used for Go live and Final Acceptance phases (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, section 3	
t.	Description of warranty services (maintenance and support) and the way they comply with the NBM requirements (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p.59	
u.	The proposed approach to the change management process (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p.49	

No .	Required information	Tenderer Statement of conformity (Yes/No/N/A)	Reference to page of tender	Tenderer's comments
v.	Model of standard maintenance and support agreement (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	Please refer document: FIS_Maintenance Support Terms_17June2021	Final version to be concluded with NBM if FIS awarded successful tenderer
w.	Model of standard licensing agreement (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	Please refer document: FIS_License Scope and Grant Clause_17June 2021	Final version to be concluded with NBM if FIS awarded successful tenderer
x.	Model of product warranty agreement (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	Please refer document: FIS_Maintenance Support Terms_17June2021	Final version to be concluded with NBM if FIS awarded successful tenderer
y.	The original version of project management plan (<i>Chapter IV – Requirements (F4.4)</i>)	Yes	FIS tender proposal, p. 47	

Note: The Tenderer may supplement the list above according to the structure of the tender submitted.

Date: 17 June 2021

(name)_____, (signature and stamp), as an assignee, duly authorized to sign the tender for and on behalf of the FIS (name of economic operator)

QUESTIONNAIRE FOR CUSTOMER (F3.15)

1. Data on the Provider / Supplier (legal entity / individual)

1.1 Full name / Name, surname: Christina Fransson (Senior Sales Executive at FIS) _____

1.2 Form of legal organization: Fidelity Information Services, LLC ("FIS") is a limited liability company

1.3 Fiscal Code / IDNO ____N/A_____

1.4 Number and date of state registration / politically exposed (Yes / No): Fidelity Information Services LLC is a limited liability company formed under Arkansas law in March 2011 (converted from an Arkansas corporation formed June 1967). The registration number is 800196480.

1.5 Headquarters and legal address / domicile address: 601 Riverside Avenue, Jacksonville, FL 32204, USA. Registered Office: C T Corporation System; 124 West Capitol Avenue, Suite 1900, Little Rock, AR 72201

1.6 Phone number, fax, e-mail:

General Information: 904.438.6000

Toll-free (U.S. only): 800.822.6758

Sales and Marketing: 877.776.3706

Email: moreinformation@fisglobal.com

1.7 The person empowered to open and manage the account

1.7.1 Name, surname: Aman Cheema

1.7.2 Date and place of birth, IDNP: N/A

1.7.3 Domicile address: 601 Riverside Avenue

Jacksonville, FL 32204

1.7.4 Position held: Senior Vice President, Real Time Payments

1.7.5 Phone, fax, e-mail: M: +442074261500

Email: aman.cheema@fisglobal.com

1.7.6 Politically exposed (Yes / No)

2. Information on the nature of the business relationship with the NBM

2.1 Field of activity

FIS has no existing business relationship with NBM. We are responding to this tender related to central infrastructure services.

2.2 Purpose and reason for initiating the business relationship / occasional transactions

Provision of central infrastructure services, specifically instant payments solution (licenses, implementation services and warranty services)

2.3 Planned activities

Implementation of instant payment solution, training services, warranty services

3. Declaration on the beneficial owner

3.1 The beneficial owner is the following person:

Fidelity Information Services, LLC is a wholly owned subsidiary part of the FIS Group of companies whose ultimate parent company is FIDELITY NATIONAL INFORMATION SERVICES, INC. ("FIS INC"). FIS INC is traded on the New York Stock Exchange under the ticker symbol 'FIS.' The company began trading on July 9, 2001 under the symbol 'CEY.'

As of December 31, 2020, based on regulatory filings, FIS has two shareholders above the 5% ownership threshold:

Institutional Investor	Position (Shares)	% Shares Owned
The Vanguard Group, Inc.	48,952,977	7.9%
T. Rowe Price Associates, Inc.	31,544,080	5.1%

3.2 Data on the beneficial owner:

- 3.2.1 Name, surname: Please refer comments in section 3.1 above
- 3.2.2 Date and place of birth, IDNP: Please refer comments in section 3.1 above
- 3.2.3 Domicile address: Please refer comments in section 3.1 above
- 3.2.4 Position held: Please refer comments in section 3.1 above
- 3.2.5 Phone, fax, e-mail: Please refer comments in section 3.1 above
- 3.2.6 Politically exposed (Yes / No): Please refer comments in section 3.1 above

Date: 17 June 2021

Signature of provider / supplier

S.P.

beneficial owner - individual who owns or controls in the last resort an individual or legal entity or beneficiary of an investment company or administrator of the investment company, or person in whose name an activity is carried out or a transaction is carried out and / or who holds, directly or indirectly, the right of ownership or control over at least 25% of the shares or the voting right of the legal person or over the assets under fiduciary administration;

STATEMENT ON THE TENDERER'S DISPUTES (F3.16)

Economic operator,
Fidelity Information Services, LLC

Undersigned ... Alexandru Gozun, acting based on the proxy of 9 June 2021 as representative of Fidelity Information Services, LLC.., legal representative / proxy of Fidelity Information Services, LLC ("FIS"), 601 Riverside Avenue, Jacksonville, FL 32204, USA (*name / name and headquarters / address of the economic operator*), declare on my own responsibility, under the sanctions applied to the act of forgery in public documents, that the data presented in the attached table are real:

Like any business of similar size and age, FIS has been involved in certain disputes from time to time in the ordinary course of business. For various reasons, including the existence of confidentiality obligations and related concerns, FIS does not disclose the specifics of any particular dispute, however:

- (i) As a publicly-traded company, FIS is required to publicly report all material events, including certain significant litigation and legal or administrative proceedings, under the rules and regulations of the Securities and Exchange Commission (SEC), on an annual and quarterly basis, as well as when events of material importance occur. Copies of all such reports are available at www.sec.gov and on the fisglobal.com website; and
- (ii) FIS has no dispute or legal action currently outstanding that, in our opinion, would materially impact our ability to fulfill any of our present or anticipated contractual obligations with respect to the products and services proposed in our bid.

a) Disputes in which the Tenderer has been involved during the last 5 years:

Cause of dispute:	Result or sentence and amount involved:
Please refer to the comments above	Please refer to the comments above
Please refer to the comments above	Please refer to the comments above

b) Disputes in which the Bidder was / is involved, during the current fiscal year:

Cause of dispute:	The current situation of the process and the estimated impact on the financial situation of the Tenderer:
Please refer to the comments above	Please refer to the comments above
Please refer to the comments above	Please refer to the comments above

The information provided is complete and correct in every detail and I understand that the contracting authority has the right to request, for the purpose of verifying and confirming the declarations, situations and documents accompanying the tender, any additional information for the purpose of verifying the data in this declaration.

Date: 17 June 2021

(*name and surname*) _____, (*signature and stamp*), as legal representative / authorized to submit the offer for and on behalf of Fidelity Information Services, LLC (*name of economic operator*).

DECLARATION

regarding the confirmation of the identity of the effective beneficiaries and their non-classification in the situation of conviction for the participation in activities of a criminal organization or group, for corruption, fraud and/or money laundering (F3.17)

The undersigned, __Alexandru Gozun, acting based on the proxy of 9 June 2021 as representative of Fidelity Information Services, LLC____ authorized representative of Fidelity Information Services, LLC (name of the economic operator) as bidder / associate bidder designated winner in the public procurement procedure no. ocds-b3wdp1-MD-1615975211331 from 17 March 2021, declare on my own responsibility, under the sanctions applicable to the act of forgery in public documents, that the beneficiary / beneficiaries of the economic operator in the last 5 years have not been convicted by a final court decision for participating in the activities of a criminal organizations or groups, for corruption, fraud and / or money laundering.

FIS is traded on the New York Stock Exchange under the ticker symbol 'FIS.' The company began trading on July 9, 2001 under the symbol 'CEY.'

As of December 31, 2020, based on regulatory filings, FIS has two shareholders above the 5% ownership threshold:

Institutional Investor	Position (Shares)	% Shares Owned
The Vanguard Group, Inc.	48,952,977	7.9%
T. Rowe Price Associates, Inc.	31,544,080	5.1%

Fidelity Information Services, LLC is not aware of any relevant convictions for such matters in respect of these Beneficiaries.

Name and surname of the beneficial owner	IDNP of the beneficial owner
Please refer to the comments above	Please refer to the comments above

Date of completion: _17 June 2021

Signed: _____

Name surname: _____

Function: _____

Name of the economic operator: Fidelity Information Services, LLC

IDNO of the economic operator: N/A

CHAPTER IV

TECHNICAL AND PRICE SPECIFICATIONS

When writing the tender and the response to the requirements of the contracting authority to the procurement subject, Tenderer will lead to the requirements stated in the specifications and requirements for technical and financial offer, listed below.

The following tables and forms will be completed by the tenderer and will be included in the offer. In case of a discrepancy or conflict with the text of CHAPTER I, the provisions of this CHAPTER will prevail over the provisions of CHAPTER I.

Form	Name
F4.1	Technical specifications
F4.2	Price specifications
F4.3	Financial proposal (structure of costs)
F4.4	Specification and requirements
F4.5	Total cost of ownership (TCO)

TECHNICAL SPECIFICATIONS (F4.1)

[This table will be completed by the Tenderer in columns 4, and by the Contracting Authority – in columns 1, 2, 3, 5]

Tender number: <i>ocds-b3wdp1-MD-1615975211331</i> of 17 June, 2021
Tender name: <i>The procurement of instant payments software solution (licenses, implementation services and warranty services)</i>

CPV Code	Name of the goods/services	Technical complete required specification	Technical complete offered specification	Standard reference
1	2	3	4	5
	Goods			
<i>Lot: The procurement of instant payments software solution (licenses, implementation services and warranty services)</i>				
48422000-2	Licenses for the software solution for an Instant payments system (IPS), including one year of standard support from the manufacturer	According the detailed technical conditions described in Chapter IV - (Specification and requirements (F4.4))	Licenses and one year standard support for IPS compliant with tender requirements. (please refer to FIS Tender Proposal, section 8)	n/a
72212422-3	Implementation services for IPS		Implementation services compliant with tender requirements. (please refer to FIS Tender Proposal, section 4)	n/a
79633000-0	Training services related to solution		Training services compliant with tender requirements. (please refer to FIS Tender Proposal, section 5)	n/a
72267000-4	Warranty services (maintenance and support) for IPS.		Warranty services compliant with tender requirements. (refer to FIS Tender Proposal, section 8)	n/a

72212422-3	300 man/hours for additional development and change requests.	Additional development and change requests compliant with tender requirements. (please refer to FIS Tender Proposal, section 8)	n/a
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Signed: _____ Name: _____ Position: _____

Tenderer: Fidelity Information Services, LLC Address: 601 Riverside Avenue, Jacksonville, FL 32204, USA

PRICE SPECIFICATIONS (F4.2)

[This table will be completed by the Tenderer in columns 5, 6, 7, 8, and by the Contracting Authority – in columns 1, 2, 3, 4,9,10]

Tender number: ocds-b3wdp1-MD-1615975211331 of 17 June, 2021

Tender name: *The procurement of instant payments software solution (licenses, implementation services and warranty services)*

CPV Code	Name of the goods/services	Units	Quantity	Unit price (without VAT) (USD)	Unit price (with VAT) (USD)	Amount (without VAT) (USD)	Amount (with VAT) (USD)	Deadline for delivery	Budget classification (IBAN)
1	2	3	4	5	6	7	8	9	10
	Goods								
Lot: The procurement of instant payments software solution (licenses, implementation services and warranty services)									
48422000-2	Licenses for the software solution for an Instant payments system, including one year of standard support from the manufacturer	license	* Will be determined in the tender process			Free*	Free*	<p>Deadline for delivery: According to the needs of implementation, but recommended no earlier than finalization of design specifications and no later than final system acceptance.</p> <p>Please refer to Section 8 in FIS Tender Proposal document, section 8. <i>Financial offer</i></p> <p><i>* Please refer to FIS Tender Proposal, 8.2.2</i></p> <p><i>*The licenses and one year of standard support from the manufacturer will become active from the date of the final acceptance of the solution.</i></p> <p>In case of activation of licenses until the date of acceptance of the solution, all costs imposed by the licensee during the implementation phase will be borne by the Tenderer.</p>	

								Detailed technical conditions are described in the Chapter IV - Specifications and requirements (F4.4).	
72212422-3	Implementation services	service	1	833,089	1,008,038	833,089	1,008,038	<p>Deadline for delivery:</p> <p>- no more than 20 months (since the start of the project until the final acceptance of the solution);</p> <p>Detailed technical conditions are described in Chapter IV - Specifications and requirements (F4.4)</p> <p>Note: In order to ensure efficient implementation, the contracting authority reserves the right to postpone the launch phase (Go-live) for a period of up to 3 months.</p>	
79633000-0	Training services related to solution	service	1	3,046	3,686	3,046	3,686	In accordance with detailed technical conditions that are described in Chapter IV - Specifications and requirements (F4.4)	
72267000-4	Warranty services (maintenance and support)	month	12					<p>In accordance with detailed technical conditions that are described in Chapter IV - Specifications and requirements (F4.4).</p> <p>During 12 months from the date of final acceptance of the system</p>	
72212422-3	Man/hours for additional developments and change requests	man-hours	300	229	277	68,556	82,953	Additional developments and change requests will be counted through man-hours work effort and will not exceed the volume of 300 hours and will be paid according to the actual volume requested.	
TOTAL						904,691	1,094,676		

Signed: _____ Name: _____ Position: _____

Tenderer: Fidelity Information Services, LLC Address: 601 Riverside Avenue, Jacksonville, FL 32204, USA

THE STRUCTURE OF THE FINANCIAL PROPOSAL (F4.3)

1. Table: Staff category cost

[Staff category cost – it includes effort and fees for categories of staff in the team proposed by the tenderer, according to the grouping proposed. One category will necessarily be project management. Please indicate the categories of personal and effort / fees for each category, including the proportion of fieldwork (at the NBM headquarters). All amounts will be expressed in EUR / MDL / USD, depending on the currency of the bid submitted.]

Staff category	Estimated billable man-hours	Estimated no. of man-hours of fieldwork at NBM	Rate per man-hour (fee, USD)	Total amount of cost (fee, USD)
Product Manager	-	-	-	5,030
Sales Support	-	-	-	-
Product Owner	440	88	69	243,535
Solution Architect	195	59	55	86,152
Developer	960	288	68	523,308
Quality Assurance	210	84	60	101,044
Technical Writer	335	34	51	135,607
Total	2,140	552		1,094,676

Note: 1 man-day = 8 man-hours

2. Table: Cost per task

[Cost per task – it includes fees for categories of personnel and tasks from project (project phases as they are described by the tenderer – e.g. Analysis, Design etc.). It should be indicated for each category of staff and main tasks of the project the corresponding fees, respectively the proportion related to fieldwork (NBM headquarters). All amounts will be expressed in EUR / MDL / USD, depending on the currency of the bid submitted.]

Task	No. of man hours, total	No. of man hours of fieldwork, total per task	Staff category														Total amount (fees, USD)
			Product Manager		Sales Support		Product Owner		Solution Architect		Developer		Quality Assurance		Technical Writer		
			man hours	USD	man hours	USD	man hours	USD	man hours	USD	man hours	USD	man hours	USD	man hours	USD	
Discovery Phase (investment from FIS)	280	224	120		160												-
Initiation Phase (investment from FIS)	280	168	120		160												-
Specification Phase	240	144					120	65,414	120	65,414							130,827
Documentation, Build & Implementation Phase	1440	432					320	174,436			960	523,308	160	87,218			784,962
Connectivity Phase	160	96						3,686							160	87,218	90,904
Warranty Services (included in Build & Implementation Phase)	0			5,030													5,030
300 Hours Request	300	45							75	20,738			50	13,826	175	48,389	82,953
Total	2,700	1,109	240	5,030	320	-	440	243,535	195	86,152	960	523,308	210	101,044	335	135,607	1,094,676

Signed: _____ Name: _____ Position: _____

Tenderer: Fidelity Information Services, LLC Address: 601 Riverside Avenue, Jacksonville, FL 32204, USA

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 (USD)
1	Licenses for the software solution for an Instant payments system (IPS), including one year of standard support from the manufacturer	0	n/a	n/a	n/a	n/a	117,000*	117,000
2	Standard support from the manufacturer for licenses after warranty period	n/a	80,483	80,483	80,483	80,483	80,483	402,414
3	Implementation services for IPS	1,008,038	n/a	n/a	n/a	n/a	n/a	1,008,038
4	Training services related to IPS	3,686	n/a	n/a	n/a	n/a	n/a	3,686
5	Warranty services related to implementation of IPS	-	n/a	n/a	n/a	n/a	n/a	-
6	Man Hours for additional development and change requests during the implementation and warranty period (300 man-hours)	82,953	n/a	n/a	n/a	n/a	n/a	82,953
7	Post-warranty services for implementation services of IPS, after one year of standard support	n/a	80,483	80,483	80,483	80,483	80,483	402,414
8	Development services, based on change requests in estimated volume of 100 man / hours after the expiry of the warranty period	n/a	27,651	27,651	27,651	27,651	27,651	138,255
TOTAL COSTS		1,094,676	188,617	188,617	188,617	188,617	305,617	2,154,760

* Please refer to FIS tender proposal, section 8.2.2 – volume based pricing (p.65)

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 (USD)	TOTAL SUPPORT AND MAINTENANCE (USD)
					%	USD	%	USD	%	USD		
1. Licenses for IPS*												
Licenses for the production environment												
RealNet Central	1	Refer to FIS tender proposal, section 8. Financial offer	In case licensing per user applies	In case licensing per module applies								
Licenses for the testing environment	1	Refer to FIS tender proposal, section 8. Financial offer	Refer to FIS tender proposal, section 8. Financial offer									
...			Refer to FIS tender proposal, section 8. Financial offer									
Licenses for the back-up environment	1	Refer to FIS tender proposal, section 8. Financial offer	Refer to FIS tender proposal, section 8. Financial offer									
Additional Licenses as per the request of the NBM	1	5 Year	1	20,000								20,000
TOTAL				0		0		0		0	0	20,000

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

Type of service	% in total services	Cost, USD
I. Implementation services		
Specification Phase	12%	130,827
Documentation Phase	72%	784,962
Connectivity Phase	8%	92,248
II. Warranty services (12 months)		
Warranty services (maintenance and support)	Included within Implementation Services	
III. Man hours for additional development and change requests during implementation and warranty period		
300 man hours	8%	82,953
	Total	1,090,991

Table 4: Requirements towards infrastructural specifications: Identity and Access Management Infrastructure

[Infrastructure specifications will be indicated for each lot separately.]

Disclaimer: Price estimates based on 50% discount on Oracle base pricing for estimation purposes only. National Bank of Moldova might have other discount agreements with Oracle.

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.)
1) Identity and Access Management Production Primary site		
Application Ant/Maven	Virtual Machine (VM)	1
Application Identity and Access Management	Virtual Machine (VM)	1
Oracle Database Standalone	Virtual Machine (VM)	1
2) Identity and Access Management Production Back-up site		
Application Identity and Access Management	Virtual Machine (VM)	1
Oracle Database Standalone	Virtual Machine (VM)	1
3) Identity and Access Management Test and Development Primary site		
Application Ant/Maven	Virtual Machine (VM)	1
Application Identity and Access Management	Virtual Machine (VM)	1
Oracle Database Standalone	Virtual Machine (VM)	1

Table 4: Requirements towards infrastructural specifications: RealNet Central Infrastructure

[Infrastructure specifications will be indicated for each lot separately.]

Disclaimer: Price estimates based on 50% discount on Oracle base pricing for estimation purposes only. National Bank of Moldova might have other discount agreements with Oracle.

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.)
1) Production Primary site		
Load Balancing Proxy	Virtual Machine (VM)	2
Application RealNet™	Virtual Machine (VM)	2

Oracle Database RAC (OLTP)	Virtual Machine (VM)	3
Oracle Database Standalone (OLAP)	Virtual Machine (VM)	1
2) Production Back-up site		
Load Balancing Proxy	Virtual Machine (VM)	2
Application RealNet™	Virtual Machine (VM)	2
Oracle Database RAC (OLTP)	Virtual Machine (VM)	3
Oracle Database Standalone (OLAP)	Virtual Machine (VM)	1
3) Test and Development Primary site		
Load Balancing Proxy	Virtual Machine (VM)	1
Application RealNet™	Virtual Machine (VM)	1
Oracle Database Standalone (OLTP) and (OLAP)	Virtual Machine (VM)	1

b. Specifications of licenses needed for the database management system and estimated costs: Identity and Access Management Infrastructure

Product Name	Licensing model (per user, processor etc.)	No of recommended licenses	Estimated costs* USD
Production environment			
(Licenses for database)	Per x86 CPU core (Dedicated Database HW infrastructure)	2	\$ 59 000,00
(Licenses for operation systems)	Per Phys server (1-socket)	1 (ESXi x 1)	\$ 2875,00
Back-up environment			
(Licenses for database)	Per x86 CPU core (Dedicated Database HW infrastructure)	2	\$ 59 000,00
(Licenses for operation systems)	Per Phys server (1-socket)	1 (ESXi x 1)	\$ 2875,00

b. Specifications of licenses needed for the database management system and estimated costs: RealNet Central Infrastructure

Product Name	Licensing model (per user, processor etc.)	No of recommended licenses	Estimated costs* USD
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Production environment			
(Licenses for database)	Per x86 CPU core (Dedicated Database HW infrastructure)	8	\$ 480,000.00
(Licenses for operation systems)	Per Phys server (1-socket)	3 (ESXi x 3)	\$ 8,625.00
Test environment			
(Licenses for database)	Per x86 CPU core (Dedicated Database HW infrastructure)	3	\$ 180,000.00
(Licenses for operation systems)	Per Phys server (1-socket)	1 (ESXi x 1)	\$ 2,875.00
Back-up environment			
(Licenses for database)	Per x86 CPU core (Dedicated Database HW infrastructure)	8	\$ 480,000.00
(Licenses for operation systems)	Per Phys server (1-socket)	3 (ESXi x 3)	\$ 8,625.00

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 (USD)
Gateway solution, implemented on the side of IPS participants		15,000	3,000		18,000
TOTAL (no licenses needed on participants' end to connect to IPS)					

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: _____ Position: _____

Tenderer: Fidelity Information Services, LLC Address: 601 Riverside Avenue, Jacksonville, FL 32204, USA

