

ANNEX III: ORGANISATION & METHODOLOGY

To be completed by the tenderer

Please provide the following information:

1. RATIONALE

- Any comments you have on the terms of reference for the successful execution of activities, in particular regarding the objectives and expected results, thus demonstrating the degree of understanding of the contract. Your opinion on the key issues related to the achievement of the contract objectives and expected results.
- An explanation of the risks and assumptions affecting the execution of the contract.

2. STRATEGY AND METHODOLOGY

Please describe your proposal according to the chapters from annex I Technical specifications to the TOR:

How you propose to implement the required services and produce mentioned deliverables

3. BACKSTOPPING, SUBCONTRACTING AND CAPACITY PROVIDING ENTITIES

- A description of the support facilities (back-stopping) that the contractor will provide to the team of experts during execution of the contract. The back-up function will be assessed in the evaluation and should be carefully explained in the organisation and methodology, including the list of staff, units, capacity of permanent staff regularly intervening as experts on similar projects, provision of expertise in the region/country or origin as well as partner countries, organisational structure, etc. which are supposed to ensure that function, as well as the available quality systems and knowledge capitalisation methods and tools, within the respective members of the consortium.
- A description of any subcontracting arrangements and arrangements with capacity providers (if such were identified during the shortlisting stage) with a clear indication of the tasks that will be entrusted to subcontractors and to capacity providers and a statement by the tenderer guaranteeing the eligibility of subcontractors and capacity providers.

4. TIMETABLE OF WORK

- The timing, sequence and duration of the proposed tasks, taking into account travel time.
- The identification and timing of major milestones in executing the contract, including an indication of how the achievement of these would be reflected in any reports, particularly those stipulated in the terms of reference.
- The methodologies contained in the offer should include a work plan indicating the envisaged resources to be mobilised.

Organisation & methodology

5. TECHNICAL SPECIFICATIONS

Item N°	Component	Specifications Required	Quantity (Pcs)	Specifications Offered	Notes, Remarks, References to documentation (Producer, Country of origin)	Evaluation Committee Note
1	I	NRW Preliminary Service Report	1			
2	I	Smart Billing Preliminary Service Report	1			
3	I	NRW Periodical (Monthly) Services Reports	10			
4	I	Smart Billing Periodical (Monthly) Services Reports	10			
5	II	Electromagnetic water meter DN100	1			
6	II	Isolation valves DN100	2			
7	II	Flanges DN100	6			
8	II	Electromagnetic water meter DN50	2			
9	II	Isolation valves DN50	4			
10	II	Flanges DN50	12			
11	II	Mechanical water meters Dn 40mm (single jet type), pre-equipped with communication module	12			
12	II	Fittings DN40	24			
13	II	Y-filters DN40	12			
14	II	Isolation valves DN40	12			
15	II	Anti-fraud sealing rings DN40	24			
16	II	Mechanical water meter DN15 (single jet type), pre-equipped with communication module & inserted NRV	450			
17	II	Fittings DN15 (1 linear ½", 1 nut ¾" and 1 gasket)	450			
18	II	Fittings DN15 (1 linear ¾", 1 nut ¾", 1 gasket)	450			
19	II	Y-Filters Dn 15 (with sealing hole)	450			

Organisation & methodology

20	II	Isolation valves DN15 (with sealing hole)	450			
21	II	Anti-fraud sealing rings DN15	900			
22	II	GSM analyzers	15			
23	II	Connectors (GSM analyzer to Electromagnetic meter)	3			
24	II	Pressure sensors	15			
25	II	Saddle clamps DN100	1			
26	II	Saddle clamps DN50	2			
27	II	Saddle clamps DN40	12			
28	II	Isolation valves for saddle clamp Dn 100mm	1			
29	II	Isolation valves for saddle clamp DN50	2			
30	II	Isolation valves for saddle clamp DN40	12			
31	II	Drilling set for saddle clamps	1			
32	II	Tablet Android (robust type) for meter Installation, configuration and reading	3			
33	II	Radio frequency gateways for Android tablets	3			
34	II	Communication modules activation tools	5			
35	II	Digital security keys for communication modules	462			
36	II	Subscription fees to Residential data collection tool dedicated SaaS platform (device x number of months)	5082			
37	II	Account creation to Residential data collection tool dedicated SaaS platform	1			
38	II	Configuration/Set-up of Residential data collection tool dedicated SaaS platform	1			
39	II	Subscription to Network and Building Inlets data collection tool dedicated SaaS platform (device x number of months)	180			
40	II	Account creation to Network and Building Inlets data collection tool dedicated SaaS platform	1			

Organisation & methodology

41	II	Configuration/Set-up of Network and Building Inlets data collection tool dedicated SaaS platform	1			
42	II	Interfacing data collection tool for residential metering with the billing tools used by Apă-Canal Edineț	1			
43	II	Interfacing data collection tool for network metering with Apă-Canal Edineț existing water supply monitoring tools	1			
44	II	Migration process of the elements of the Reference DMA to IoT/Smart City environment	1			
45	II	Interfacing between the IoT tools and data collection tool for residential metering (Migration process related)	1			
46	III	Training course: Metrology and Metering (including Smart Metering)	1			
47	III	Training course: New Tools and Software for Customers Data Collect	1			
48	III	Training course: New Tools and Software for Network Data Collect	1			
49	III	Training course: IoT/Smart City, Basics & Smart City for Water Management)	1			
50	III	Training course: NRW (Non-Revenue Water), Basics & Reference DMA focus	1			
51	III	Training course: Smart Billing, Basics & Smart Billing for Water Management	1			
52	IV	Assistance Mission: Hardware installation & M2M/IoT thematic	1			