

Invitation to tender for a Consulting Service within the Activity 1 of the TEASIMED 2 Project co-funded by the European Commission through GRANT CONTRACT - EXTERNAL ACTIONS OF THE EUROPEAN UNION NDICI-GEO-NEAR/2022/437-130

Execution of Network Studies on the Mediterranean transmission grids



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PART A - Technical Specifications

1. Introduction

Med-TSO Mediterranean Transmission System Operators, is a recognized association established in Rome, on 19 April 2012, involving the Mediterranean companies performing the activity of transmission system operator (TSO).

Med-TSO has its legal headquarters in viale Egidio Galbani 70, 00156 Rome - Italy and its operational headquarters in via della Marcigliana, 911 - 00138 Rome – Italy.

This tender is launched in the frame of TEASIMED 2 (Towards an Efficient, Adequate, Sustainable and Interconnected MEDiterranean power system) Project - NDICI-GEO-NEAR/2022/437-130 (hereinafter the "Project" or "TEASIMED 2"), developed through a grant contract, signed between Med-TSO and the European Commission in December 2022.

The TEASIMED 2 project is the fourth Med-TSO project co-financed by the European Commission after the Mediterranean Project I (2015-2018), the Mediterranean Project II (2018-2020) and the TEASIMED Project (2020-2023).

The development of TEASIMED 2 Project, structured at a local level, requires multilateral cooperation, not only among electricity companies but also between institutions (National Institutions, Regulators and IFIs) and companies.

The activities to be carried out by the selected consulting company are a relevant part of Activity 1 of the Project, which has the final objective to identify opportunities for grid developments in the Mediterranean and realize the Mediterranean Electricity Interconnection Perspectives (MEIP) report. The report includes the assessment of interconnection projects promoted by Med-TSO members on the 2040 time-horizon. Task 1.1 is developed by Med-TSO Technical Committee TC 'Planning', using as an input the results of the Market Studies performed by the Med-TSO Technical Committee ESS ("Economic Studies and Scenarios"). TC Planning will be the technical counterpart of this tender mandated by the Association for:

- Guide and follow up External Expert (consisting of a team of experts, hereinafter EE)
- Organize the work schedule with the EE
- Coordinate between the EE and TSO members, through the Single Point of Contact (SPoC) identified within Med-TSO members
- Participate in the Training organised by the EE
- Monitor and validate all the steps of the Workplan (see chapter 4)
- Validate the planned deliverables

2. Object and scope of the tender

The purpose of this call for tender is the execution of a set of network studies by the selected EE, based on continuous load flow calculations, with the aim to assess the capabilities of the interconnected Mediterranean network in terms of transmission capacity.

The EE will support the realization of the MEIP report that for the first time will include interconnection projects to be assessed for the 2040 time-horizon. In particular the EE will contribute to the following 3 main group of activities:

1. Define and implement a common methodology, to be validated by all TSOs, that will allow the realization of reliable 2040 network models, technically capable of hosting the additional Renewable Energy Sources (RES) and electricity demand expected in Med-TSO long-term scenarios. In particular, such methodology will specify how to best localize additional RES and demand and to how to adjust the most advanced network models provided by TSOs (typically realized for the 2030-2035 time-horizons) to reach the 2040 horizon. This activity will be limited to countries for which the associated TSO has expressed the need for external support to develop the 2040 model, as better clarified later in the document.
2. Undertake network studies on the Mediterranean transmission grids through continuous load-flow calculations, including the identification of reinforcements and the quantification of associated CAPEX and OPEX, besides the calculation of costs associated to grid thermal losses. These calculations will be performed based on a regional perimeter network analysis, to be defined between the contracted EE and TC Planning. For a more efficient work coordination, these calculations will be performed by the selected EE with the support of Med-TSO resources (members of TC Planning and Regional Groups West and East of Med-TSO together with the technical secretariat), avoiding efforts by individual TSOs.
3. Ensure a full transfer of the methodologies, scripts, models and automation files developed as part of the project, to be complemented by a full training of the TSOs experts.

In particular, to assess the benefits and impacts of new interconnection projects from a network study perspective the following activities shall be carried out by the EE:

1. **Define guidelines and methodologies for realization of reliable 2040 network models**, starting from latest available models. The initial proposal of the EE will be discussed with the TSOs experts and agreed in a common way; changes due to country level situations may be proposed, flexibility of the EE is appreciated at this stage.
2. **Support a certain number of TSOs in the preparation of the national reference 2040 grid models** to let them meet the level of generation and demand provided in market analysis. The starting point would be the latest available planned grid model at disposal. National grid models shall be provided by the Members in the format used by each of them, or, in case of not available data by Med-TSO member, built by the EE, based on the relevant publicly available information. The EE will get a guest access to DBMED, the Mediterranean Database of Med-TSO, where all the available grid models will be hosted and will contain the full details of the physical grids, as provided by the Members. In case data are neither provided by the Members nor available (because related to inactive counterparts or non-Med-TSO countries), the EE should propose a solution for performing the network studies (based on the EE best estimations and knowledge of the regions). The final solution will be agreed and approved by Med-TSO Members in the initial phases of the project.
3. **Building of the network model(s)** - Build the reference network model of the interconnected Mediterranean system on a regional basis (one model for each of the identified regions or sub-regions), based on the merging of national grid models and considering the planned reinforcements of internal grids and interconnections, which are provided by the Members. The level of detail of the

grid data/models to be provided by Med-TSO shall be proposed by the EE and approved by Med-TSO. An indication of this level of detail will have to be included in the technical offer and then finalized at the beginning of the data collection activities.

4. **Continuous Load Flow** -All the analysis will be carried out based on DC hourly simulation for the 8760 hours of the year, to be complemented with details on the methodology for the identification of reinforcements. As such, the EE will have to collect from TSOs, with the support of Med-TSO Secretariat, all needed information to allow an adequate implementation of a Continuous Load Flow approach and ensure adherence of network studies with market simulation results and reliability of outcomes.
5. **Performing network studies** - Perform load flow calculations (steady state and contingency analysis), taking into account security criteria, both in normal conditions (N) and in cases of contingencies (N-1 or N-2 or N-x as deemed needed in some situations, according to the practice of each country (as detailed in later stages of the project), with the aim to identify possible criticalities for the interconnected Mediterranean power system. In this context, the contribution of the interconnection project to the resolution of these critical situations will be assessed.
6. **Assessing Internal reinforcements** - Assess internal reinforcements needs (due to each interconnection project), by evaluating the consistency with the National Development Plans produced, according to the following technical and economic criteria.
7. **Assessing investment costs** (interconnections and internal reinforcements) – Use references for the cost of the interconnections. Regarding the internal reinforcements prioritize the information from the TSOs, otherwise propose some alternative.
8. **Fine-tuning of results** - Fine-tune the results of the network studies and investment costs, with the support of Med-TSO.
9. **Calculation of power losses** - Power system losses variations will be also calculated as input to the cost benefit assessment of each specific interconnection project. The loss calculation and monetization methodology shall be proposed by the EE and included in the technical offer. This will then be approved by the Med-TSO members during the initial phases of the project.
10. **Finalize CBA data** - Analyse the results of the network studies and investment costs and present them to Med-TSO.
11. **Preparation of final deliverables** - Submit a final report to Med-TSO (once final results have been approved by Med-TSO).
12. **Automation tools transfer, knowledge sharing and training** – Define and implement training and knowledge sharing session related to the use of any methodology and tool developed as part of the project.

In principle, the Med-TSO area will be divided into at least 2 sub-areas, Western and Eastern, but more sub-areas could be considered as proposed by the EE or later by Med-TSO members. This initial subdivision should be considered by the EE (along with the relevant information received by TC Planning and TC Economic Studies & Scenario, ESS, for Market Studies) in order to prepare a final proposal on the geographical division

of the whole Med-TSO area (regional or other) to be considered in this activity. Also, the EE must provide an adequate number of resources to be able to carry out network analysis for the different identified Med-TSO areas in parallel (e.g. in case of 2 sub-areas, 2 groups of resources able to work in parallel and senior staff able to coordinate activities and report to Med-TSO members).

In relation to activities 1-2, four TSOs (See table page 7/8) have already expressed the need of assistance from the EE to prepare 2040 network models starting from network models provided by those TSOs for a closer time-horizon.

In relation to the network assessments, the identification of reinforcements, the quantification of costs associated to the interconnection projects and the calculation of costs of grid thermal losses (activities 4-10), the EE is asked to provide a quotation for 12 clusters (i.e. the ensemble of lines and other component associated to each possible interconnection). Also, in this case the EE is asked to include a separate quotation per each cluster that could be added in a second moment by Med-TSO members.

It is highlighted that assessment of reinforcements will be required only for one of the three energy scenarios developed by TC ESS. On the contrary, calculation of network losses will be required for at least 2 of the three scenarios.

#	Preliminary list of cluster project
1	Cyprus – Egypt*
2	Lebanon – Cyprus*
3	Lebanon - Turkiye
4	Turkiye - Egypt
5	Turkiye – Israel*
6	Algeria – Spain
7	Greece - Egypt
8	Egypt - Italy
9	Morocco-Portugal
10	Jordan – Palestine*
11	Türkiye – Syria*
12	Greece – Türkiye - Bulgaria

**Assessment of reinforcements is needed only for 1 country*

The final list of clusters and associated technical information will be submitted by TC Planning, which will provide topology and transmission capacity, taking into account also the results of the TC ESS activity.

The final deliverable will be the Mediterranean Electricity Interconnection Perspectives (MEIP) report, where, in addition to the interconnection solutions, the necessary improvement and internal reinforcements (associated to the assessed interconnections) in the networks of Med-TSO countries will be presented, together with all the costs associated to each studied cluster.

Knowledge sharing and full transfer of the approaches/materials/automation is also to be considered in the effort quantification.

The technical offer from the EE shall include a detailed description of all methodologies and criteria the EE intends to implement to carry out the listed tasks. To this aim the EE is invited to follow the methodological guidelines reported in the Annex “Technical and methodological guidelines”.

The economic offer shall include a single quotation for all activities, plus the aforementioned optional quotation for additional cluster projects.

3. Technical aspect

Med-TSO is the place where 20 Mediterranean TSOs coordinate to perform regional assessments. Each TSO has its own characteristics, its own network development plan and time-horizon for their model, and its own modelling tools. The table below summarises the most up-to-date model available by each TSO, the modelling tools used, and whether the TSO will require assistance to extend their network model to the 2040 horizon. The consultant must be able to accept inputs and provide outputs in the network model formats stated in the table to allow all TSOs to correctly interpret intermediate and final results.

Code	Country	Latest available network model horizon	Need for the support of the EE to provide 2040 network model			Network model format	
			NO The TSO already have or will produce the model on its own	NO The model is not needed for network simulations	YES, the TSO needs support from the EE	Submission	Reception
AL00	Albania	-	-	x	-	-	-
DZ00	Algeria	2030	x	-	-	Spira	Spira
CR00	Croatia	2030	x	x	-	PSS/E (* .raw / * .sav)	PSS/E (* .raw / * .sav) or CGMES
CY00	Cyprus	2023	-	x	-	DigSILENT (PowerFactory 2023 SP5)	DigSILENT (PowerFactory 2023 SP5)
EG00	Egypt	2030	x	-	-	PSS/E	PSS/E
FR00	France	-	-	x	-	-	-
GR00	Greece	2040	x	-	-	PSS/E	PSS/E
IL00	Israel	Network model not available					
IT00	Italy	2040	x	-	-	CGMES and Spira	CGMES and/or Spira
JO00	Jordan	2040 (DigSILENT) 2025 & 2030 (PSS/E)	x (Using the 2040 DigSilent model)	-	x (Using the 2025 & 2030 PSS/E models)	DigSILENT or PSS/E	DigSILENT or PSS/E
LB00	Lebanon	2030	-	-	x	Cyme 7.2	DigSILENT
LY00	Libya	2023 (Neplan) & 2030 (PSS/E)	-	-	x	Neplan or PSS/E	Neplan

MN00	Montenegro	-	-	x	-	-	-
MA00	Morocco	2030	-	-	x	PSS/E (*.raw)	PSS/E (*.raw)
PS00	Palestine	2023	-	x	-	ETAP	ETAP
PT00	Portugal	2040	x	-	-	PSS/E	PSS/E
SL00	Slovenia	-	-	x	-	-	-
ES00	Spain	2026	x	-	-	PSS/E	PSS/E
TN00	Tunisia	2030	x	-	-	PSS/E	PSS/E
TR00	Türkiye	2033	x	-	-	PSS/E (*.raw / *.sav)	PSS/E (*.raw / *.sav)

To ensure adherence between the network studies and the results of market simulations, TC Planning should follow a data collection guideline prepared by the EE where there will be a clear definition of the categories of generations with respect to data submitted by the TSO to TCESS market analysis.

The full details of scenarios will be provided to the chosen EE at a later stage, however it is anticipated that TC ESS is performing market analysis based on 3 main scenarios for the year 2040 where thermal generation units are clustered together under different categories based on the efficiency and the Fuel of each of them. The following table will explicit the different categories that are used.

Category #	Fuel	Type	ANTARES naming
1	Nuclear	-	nuclear_nuclear
2	Hard Coal	old 1	hard coal_old 1
3	Hard Coal	old 2	hard coal_old 2
4	Hard Coal	New	hard coal_new
5	Hard Coal	CCS	hard coal_ccs
6	Lignite	old 1	lignite_old 1
7	Lignite	old 2	lignite_old 2
8	Lignite	New	lignite_new
9	Lignite	CCS	lignite_ccs
10	Gas	conventional old 1	gas_conventional old 1
11	Gas	conventional old 2	gas_conventional old 2
12	Gas	CCGT old 1	gas_ccgt old 1
13	Gas	CCGT old 2	gas_ccgt old 2
14	Gas	CCGT new	gas_ccgt new
15	Gas	CCGT CCS	gas_ccgt ccs
16	Gas	OCCGT old	gas_ocgt old
17	Gas	OCCGT new	gas_ocgt new

18	Light oil	-	light oil_light oil
19	Heavy oil	old 1	heavy oil_old 1
20	Heavy oil	old 2	heavy oil_old 2
21	Oil shale	old	oil shale_old
22	Oil shale	new	oil shale_new
23	Gas	CCGT present 1	gas_ccgt present 1
24	Gas	CCGT present 2	gas_ccgt present 2

Renewable generation is instead collected for each country based on single technologies (PV, wind onshore, wind offshore, etc). PV includes both decentralized and utility scale units.

The total demand per country may include also demand for Hydrogen and Electric Vehicles, TCESS is able to share with the EE specific profiles for those types of loads.

When submitting its offer the EE should describe the approach to deal with this set of data. Such approach could be submitted to TSO experts in the initial phase of the activities for discussion and approval.

4. Experts Profiles requirements

The EE team must ensure a smooth execution of project activities in line with project deadlines and consistently to the number of parts in which the Med-TSO area will be sub-divided. In particular it is required to ensure that network studies for each of the identified sub-areas can be carried out in parallel and supervised by senior staff.

The composition of the EE team shall preferably include profiles with the following requirements:

- University Degree in Electrical Engineering. (PHD or MSC is preferred).
- Experience in the field of Planning and Development of electric power systems.
- At least 10 years of experience in the field of Network Simulation and Studies (Load Flow analysis).
- Proved knowledge of organization and structure of multinational transmission infrastructures.
- Experience in System Planning and Development within ENTSO-E and/or the Mediterranean Region.
- Experience in a high-level Team in EU or Mediterranean projects in the Electricity Sector.
- Proved knowledge and experience in the use of computational tools for Power System Simulation and Analysis, such as PSSE, SPIRA, DigSilent, Convergence or Common Grid Model Exchange Standard (CGMES)
- Proved experience in long/short term coordinated planning and development of transmission system and management of interconnections in the integrated electricity market.
- Proved experience in the development of national and/or regional Master Plans in the Mediterranean region.

- Well described structure of the team of experts with specification of each member role in the tasks to be undertaken.
- Proved ability to perform parallel/regional tasks within the structure to be proposed.
- Leadership and communication skills.
- Experience in working in EU financed projects is considered an asset.
- Very Good knowledge of English (knowledge of French is a plus).

The EE shall specify the composition of the team which will execute each activity of the project.

5. Activities, deliverables and resources

The EE activities can be split into 9 main steps, as described synthetically in the following table. At the end of each step the EE should report to Med-TSO. Since some of the steps can be also carried out in parallel, in the offer the EE shall provide an indicative time-schedule for all steps.

When producing the offer the tenderer shall also provide its best estimation of the required person/days to fulfil the work program items.

Work program items		Indicative deliverable (final set to be agreed in step 0)
Step 0	<p>Preparatory activities: Schedule of all tasks of the activity 1.1, including the responsibilities between TC Planning and EE. Definition of specific deadlines according to the project GANTT. Estimate the necessary meetings, etc. Finalize methodological approaches with TC Planning members. Verification that sets of data provided by TSOs (network models and scenario data) are compliant with the EE requirements on network studies to be carried out (to then start with Step 1). Drafting specification of the script needed in addition to PSSE to run the continuous load flow.</p>	<ul style="list-style-type: none"> • Report with final working plan (doc, ppt) • Report with final methodological approaches (doc, ppt) • Script specification report
Step 1	<p>Support needing TSOs with the creation of 2040 grid models: Define a methodology for the realization of 2040 grid models starting from latest available grid models from closer time horizon and implement it</p>	<ul style="list-style-type: none"> • Report with described methodology • 2040 models for needing countries

Step 2	Building the network model(s): Build the merged network model for the countries interested by the Interconnection Projects based on the individual grid models provided by the members, the models created as part of Step 1 or on the information stored in the Med-TSO Database. In case of missing data, the External Expert should propose a solution for performing the network studies (based on the EE best estimations and knowledge of the regions)	<ul style="list-style-type: none"> • Network models (format TBD) • Aggregated data for compliance check • Report on data and approaches used to model countries with missing data
Step 3	Performing network studies : Load Flow Analysis in normal situations (N) and in cases of contingencies (N-1 or N-2 or N-X as deemed needed) using a continuous load flow approach.	<ul style="list-style-type: none"> • Progress report (doc, ppt)
Step 4	Assessing reinforcements: Assessment of the reinforcement required before and after the interconnection project which will be studied by evaluating the performance of plans produced according the technical and economic criteria	<ul style="list-style-type: none"> • Technical and economic data of reinforcements (doc, ppt, xls)
Step 5	Finalize CBA data: Analysis of the results of the network studies and investment costs, and preliminary presentation of the results to Med-TSO	<ul style="list-style-type: none"> • Preliminary set of CBA data (doc, ppt), excl. losses
Step 6	Fine-tuning or results: Fine-tuning of the results of the network studies and investment costs with the support of TC Planning and/or RG representatives	<ul style="list-style-type: none"> • Final set of CBA data (doc, ppt), excl. losses
Step 7	Losses variation calculation (with and without the project)	<ul style="list-style-type: none"> • Results of grid losses calculation
Step 8	Preparation of final deliverables: Final report submission to TC Planning (once final results have been approved by members of TC Planning)	<ul style="list-style-type: none"> • Final report
Step 9	Knowledge transfer& training	<ul style="list-style-type: none"> • Handover models, scripts reports and tool used • Training sessions

Each step must provide for a kick-off meeting and for the submission of a set of deliverables (in line with what indicated in the table above). The EE shall also ensure TC Planning coordination and SPoC receive periodic progress report of activities. The nature (e.g. ppt presentation, update call) and the frequency of these updates will be agreed as part of step 0.

6. Detailed GANTT and project team composition

The EE shall provide to Med-TSO, for its approval, a detailed GANTT of the activities containing (the list is not exhaustive):

- Tasks

- Project Team (eventually defining the support requested to Med-TSO resources)
- Deadlines for each task and associated intermediate and final deliverables and status updates
- Meetings calendar and the date for a kick-off meeting for each step mentioned in section 4

The GANTT must be developed in agreement general process outlined in the above figure. The GANTT must also include an indication of the resources allocated to each task (number of resources and level of experience).

Organization of work in regional sub-tasks with several reference points from the consultant

7. Timetable for the tendering process and duration of the contract

Stages	Indicative period
a) Publication of the call	19 January 2024
b) Deadline for submitting applications	19 February 2024
c) Evaluation period (technical and financial proposals - possibly including calls and interviews with Tenderers)	29 February 2024
d) Information to Tenderers	Following stage c)
e) Signature of contract and Starting date of the activity	11 March 2024
f) Final submission of all the deliverables and end of the work (in alignment with the deadline of the contract with the EC)	30 October 2025

8. General Conditions

The EE must be aware that the activity is funded by the EC and subject to all EU standard procedures.

All the documents proposed by the EE are subject to approval. The approval does not change the responsibility of the EE on the final result. All the documents can be updated during the activity, whenever unpredictable facts arise. In all cases, major changes introduced by the EE have to be notified to Med-TSO for approval. The final documentation has to be consistent with the activity, in terms of scope and time.

The EE should be aware about the regional approach that Med-TSO intends to apply (by splitting the Med-TSO area in Western and Eastern sub-areas or more regions). It should describe in detail its methodology and internal organization necessary to cope with such approach. The EE should also be aware that the regional studies should be coherent, consistent and have a common and coordinated final report.

The EE should describe in detail how it intends to manage the possible lack of data and information (partial or total) coming from one or more of the Med-TSO countries, and how it intends to manage the associated relevant risk.

The EE should use and review the methodological guidelines reported in the Annex “Technical and methodological guidelines” it intends to use with regards to:

- Methodology to develop 2040 network models for the missing countries starting from models available for a closer time horizon
- Merging network models and make them compliant with scenario data;
- Continuous load-flow methodology
- Network studies and identification of required reinforcements associated with the new interconnection
- Power system losses calculation
- Possible lack of data and information

Finally, it is reminded the EE is required to establish a transparent data exchange process with the Med-TSO coordination team, SPoC and TSO members. In particular, the EE shall provide for the exchange of the following data:

- Merged network models (to ensure the final models comply with the input data provided and with the scenario data)
- List of changes introduced with respect to models provided by Med-TSO members
- Reinforcements to be included in the reference grid and not related to the interconnection projects to be assessed
- Proposed set of reinforcements related to the realization of the interconnection projects
- Power system losses
- CBA calculations (for the items included in the activities describes in this tender)

Finally, it is highlighted that any tool, script and methodology developed and/or used as part of the network assessments, for instance, to run continuous load-flow simulation, interpret data and prioritize reinforcement shall be made available to Med-TSO for future uses. The EE is also requested to provide training session to Med-TSO members on the use of such material.

PART B Procedures and evaluation criteria

9. Tenderers

The tender is organized by invitation.

The following tenderers have been invited to apply for this call:

1. CESI
2. EDF
3. ELIA GRID INTERNATIONAL
4. ENGIE
5. EPRA
6. SIEMENS INDUSTRIAL

Consortia are allowed but must include a leader within the companies listed in the table above. Names and CVs of the proposed experts who will work in the contract must be clearly declared. The substitution of an expert can only take place with an expert with similar professional experience and in every case, the substitution must be approved by Med-TSO.

10. Procedure for the Submission of Proposals

The offer shall contain four folders, named:

- A. [NAME OF THE TENDERER_Folder A]
- B. [NAME OF THE TENDERER_Folder B]
- C. [NAME OF THE TENDERER_Folder C]
- D. [NAME OF THE TENDERER_Folder D]

Folder A - Administrative documentation: the following documents shall be included:

1. this request for offer, signed by the legal representative, with a copy of its ID attached; the request can also be signed by a solicitor of the legal representative, and, in this case, a certified copy of the attorney has to be attached;
2. A valid chamber of commerce company registration. This document must have an international format and, in any case, must be in English.

If the Tenderer participates in the tender with other companies, the relative agreement among the Parties must also be attached, with the specifications of the part that will be in charge of the administrative aspect of the project (e.g. contract header, invoicing, etc.) and with the specifications of the parts of the service that will be performed by the individual companies.

Consortia are allowed but must be led by one of the companies invited, listed above (paragraph 9)

Folder B – Economic offer shall indicate the price of the work, including VAT, taxes, expenses, contributions and other due fiscal charges, according to the applicable law of the tenderer.

The economic offer shall include a single quotation for all activities, plus the aforementioned optional quotation for additional cluster projects.

The Economic offer shall be signed by the legal representative.

PLEASE NOTE: Med-TSO is an international non-profit Association. Due to its nature and in compliance with Italian tax law, Med-TSO has not VAT number, but only a tax code: 97697840581, like a natural person. Since Med-TSO is unable to manage any VAT transaction (credit and/or debit VAT) deriving from the contractual relationship with the supplier (e.g. reverse charge), Med-TSO pays all services including VAT. Therefore, all offers must include VAT to be added to the price of the offered service.

Considering the type of service, in applying VAT, please take into account the provisions of UE “VAT-commerce Package” .

The legal representative of the External Expert, with a copy of its ID attached, shall sign the economic offer; a solicitor of the legal representative can also sign the offer, and, in this case, a certified copy of attorney has to be attached.

In folder C – References – the tenderer shall include all the information considered relevant for evaluating the expert qualifications, experience and competence, taking into account the awarding criteria and procedures described at Section 11. Med-TSO reserves the right to verify self-attested titles, competencies and experiences and the faculty of this Administration to not proceed to the award shall not be affected.

In folder D – Technical offer:

- a. *Experience*: the tenderer will illustrate its consulting experience in fields similar to the object of this request, with specific mention of relevant experience and any other information required by the request for offer;
- b. *Services performing*: the tenderer shall describe how the activity will be performed including the methodological guidelines reported in the Annex “Technical and methodological guidelines”, a schedule of the tasks, the date of delivery and the identification of the resources allocated to each task)
- c. *action plan*: the tenderer shall describe the time to perform the services, taking into account the specific nature of the Association, indicating specifically the different stages, and, for each stage, indicating the relevant timetable;
- d. *Professional resources*: list of the professional resources the tenderer will use to perform the service, attaching the relevant CVs.

The Technical offer shall not include any economic information. Any violation of this requirement will determine the exclusion of the tenderer from the bidding procedure.

The Technical offer shall be signed by the legal representative of the Expert, with a copy of its ID attached; the offer can also be signed by a solicitor of the legal representative and, in this case, a certified copy of the attorney has to be attached.

References, as well as Economic and Technical offers, shall be drawn in English.

Folders A, B, C and D shall be sent by electronic mail to tenders@med-tso.com. This email shall have as object: "Network Studies for TEASIMED 2" and it shall contain a link to download the folders (Dropbox, WeTransfer or similar tools are accepted).

If there is a need to have other information, Med-TSO Secretariat may contact the tenderer for this purpose during the evaluation process.

The deadline for the submission of the proposal, on pain of exclusion, is 19 February 2024.

Med-TSO reserves the right to verify self-attested titles, competencies and experiences and the faculty of this Administration to not proceed to the award shall not be affected.

Any queries could be submitted by 31 January 2024 by e-mail writing at tenders@med-tso.com, making clear reference to this tender. Answers to those queries will be sent to all prospects by 5 February.

If there is a need to have other information, Med-TSO Secretariat may contact the tenderer for this purpose during the evaluation process.

11. Award Criteria

The award will be assigned to the most economically advantageous tender, following this scoring table.

EVALUATION ELEMENTS		MAXIMUM WEIGHTED SCORE
1	REFERENCES	10
2	TECHNICAL OFFER	50
3	ECONOMIC OFFER	40
TOTAL		100

12. Score assignment and Evaluation Procedure

Mandatory criteria section

- All the contract reports and communications will be in English; therefore, a good knowledge of the English language is a prerequisite for the proposed team of experts.
- the Gantt to be proposed must clearly show that all the deliverables should be submitted before end of July 2025
- proven ability to use all the formats given in the table in the section 3

We will disregard any offer not reflecting clearly the 3 main groups of activities mentioned in section 2; support in national network model preparation for the needing TSOs; carrying out network analysis with and without the projects; knowledge transfer plan

The score for the References and the Technical offer will be assigned on the basis of criteria and evaluation elements as reported in the following tables.

		Max Score	Weight
	1 - Qualifications and competence of key personnel	15	10%
References	Knowledge of French and/or Arabic	5	
	Skills in Project Management, specific information provided by candidate	10	
	2 – Background	40	
	Experience in the field of Network Simulation and Analysis, Planning and Development of electric power systems	10	
	Proved knowledge of the organization and structure of multi-national transmission Infrastructures and multiterminal link analysis	20	
	Experience in System Planning and Development within European and/or the Mediterranean Region	10	
	3 - Specific knowledge and experience	45	
	Proved knowledge and experience in the use of computational tools for System Simulation and Analysis (such as PSSE, SPIRA, DigSilent, etc.)	10	
	Proved experience in the Long/short term coordinated planning and development of transmission system and Management of interconnections in the integrated electricity market	10	
	Proven experience in multiterminal link analysis (HVDC), submarine interconnections and converter station technology.	15	
Proved experience in development of Master Plans at level of countries and/or regions like (ENTSO-E or Mediterranean area)	10		
TOTAL SCORE FOR REFERENCES		100	

		Max Score	Weight
Technic	4 -Quality of technical offer	100	50%
	Knowledge transfer	20	
	Explicit and detailed description of the methodological approach to be implemented as described in (7)	20	

	Detailed time schedule of the work, number of physical meeting and number of experts	15	
	Detailed description of the Deliverables	15	
	Project Management	20	
	Offer improvement of the ToR	10	
	TOTAL SCORE FOR TECHNICAL OFFER:	100	

The evaluation process is undertaken through the following three steps:

Evaluation procedure			
Step	1st step		2nd step
		Pre-evaluation based on References (folder C)	Evaluation of the Technical Offer (folder D)
Weight	10%	50%	40%

The first step of the process include:

pre-evaluation, implemented only in case Med-TSO receives more than 4 (four) offers from the tenderers. The minimum requested References score is 70 points (and more than 0 for each reference criterion).

Only the tenderers that receive more than 70 points at the pre-evaluation phase pass to the second step, for evaluating also the quality of their technical offer. The maximum number of offers passing to the second step is 5 (five). Tenderers' offers not passing the first step will be rejected.

evaluation of the technical offer for the tenderers having passed the pre-evaluation phase. The minimum requested score for the Technical Quality of the offer is 70 points (and more than 0 for each technical quality criterion).

Only the tenderers that receive more than 70 points at the Technical Quality phase pass to the second step, for evaluating the Economic offer. Tenderers' offers not passing the second step will be rejected.

The formula for **Economic offer evaluation** is:

$$ES = 100 \times CP/EP$$

where ES is the Economic Score, CP is the value of the cheapest proposal and EP is the value of the Economic Proposal under consideration.

The tenderer obtaining the highest combined technical and Economic score will be awarded the contract – already foreseen and signed by the tenderer for acceptance provided in Annex B.

13. Confidential Information

Any non-public information of confidential or proprietary nature; whether of a commercial, financial or technical nature related to the object of this call, or all information otherwise exchanged between Med-TSO and the tenderers shall be deemed to be “Confidential Information”.

“Confidential Information” shall not be used or exchanged for purposes other than in direct relation with the object of this call as specified in the relevant article of the draft contract (Annex 1).

It is also considered the possibility that any Med-TSO Member could require a specific NDA to be signed by the EE.

14. Disputes

For any and all disputes that may arise between the tenderer and the Association, the Court of Rome has exclusive jurisdiction for the interpretation, execution and for everything that is relevant for this assignment.

Annex A: Technical and methodological guidelines

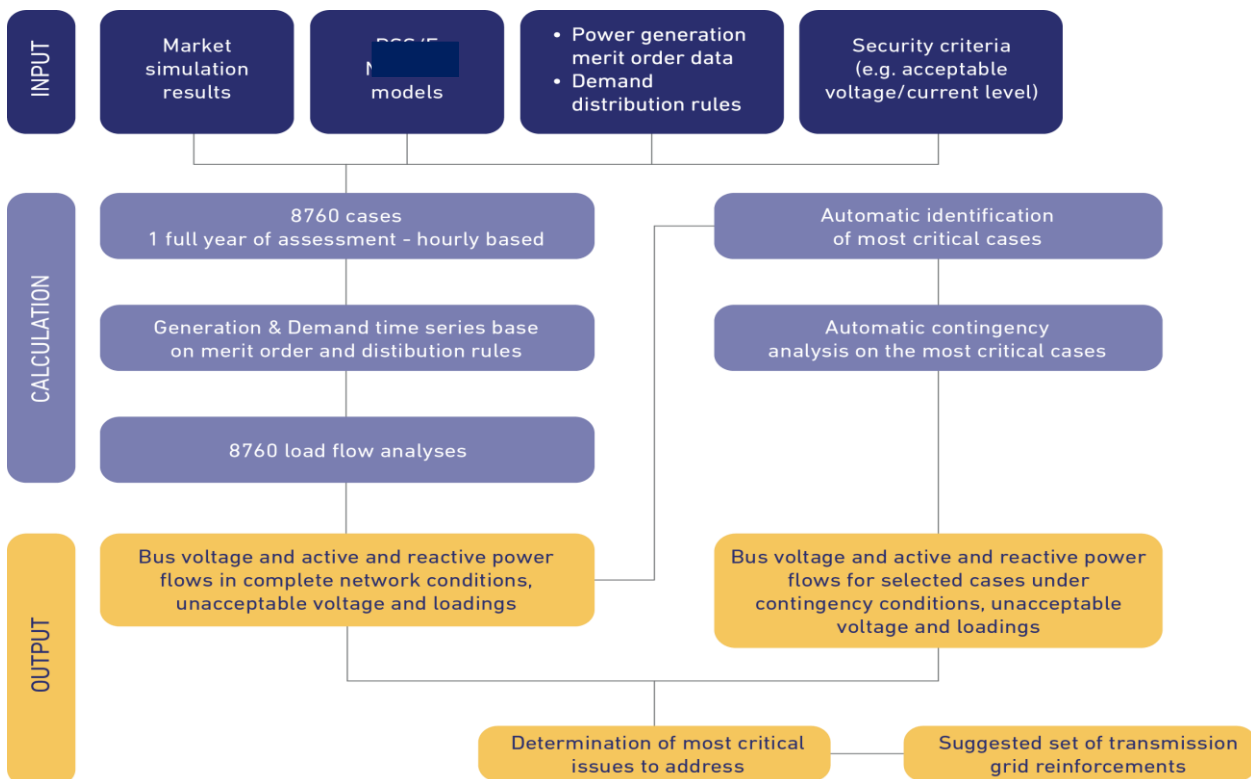
Guidelines for the merging of grid models

As part of Activity 3 (building of network models), the EE will Build the reference network model of the interconnected Mediterranean system on a regional basis (one model for each of the identified regions or sub-regions, as proposed by the Members). In some cases, the EE might need to model countries for which network models are not available. For such cases the EE shall indicate in the tender document one or more modelling approaches.

Guidelines for Continuous Load Flow Approach

As part of Activity 4, the EE will have to define and implement a methodology continuous load flow, to be included in the technical offer, which shall follow the guideline included in this paragraph.

The continuous load flow approach involves the assessment of grid conditions over a full climatic year, for a total of 8760 cases. As shown in the following diagram for a typical continuous load flow process, the inputs for the calculation module include the market simulation results, the network models, and a set of security criteria needed to define dispatching conditions and verify grid quality standards to run 8760 load flows. Resulting contingencies are automatically analyzed to identify recurrent issues and select a set of most critical cases that require further investigation. The result of the investigation leads to the definition of transmission grid reinforcements needed for a secure operation of the electricity network including the assessed interconnection.



Dispatching conditions for power generation are determined through merit order ranking data or similar formats of data, as provided by TSOs for each country. The merit order might be used to distribute the generation resulting from market simulations for each cluster among power generation plants belonging to the same cluster and included in the network model. To reflect the typical operation of the electricity network as closely as possible, several power generation criteria can be considered.

With respect to PiT-based methodologies, the continuous load flow approach assesses a wider number of grid conditions, theoretically allowing a more accurate and detailed identification of contingencies for further investigation. It also facilitates statistical analysis while delivering transparency on data calculated at each step. On the downside, the approach does not involve re-dispatching operations and does not allow sensitivity analysis on specific cases, as it relies on a fixed power generation merit order provided by TSOs.

Since the continuous load flow approach leads to a much higher number of cases to be assessed than a dedicated methodology, the EE should include methodologies to easily select only the relevant cases resulting in contingency with high probability of occurrence and high impact on the transmission network. To limit simulation time, contingencies should be only performed on the cases perceived to be most critical for each country.

Guideline for assessing internal reinforcements

As part of Activity 6 the EE will identify internal reinforcements needs associated to each interconnection project under assessment.

While the needed reinforcements will depend on the fulfilment of specific network planning criteria (see dedicated section later in the document), it is important that the proposed reinforcements of each project are only resulting from the introduction of the given interconnection project under assessment and not from other reasons (e.g. the evolution of energy scenarios). To this aim, for PinT project in particular, the EE should run an assessment of reinforcement needs also on the reference grid and identify approaches to take into account only additional reinforcement needs due associated to the realization of the interconnection. As a way of example, this can include the identification of portion of the grid which are not impacted by any interconnection project and for which identification of reinforcement is not needed.

Guidelines for calculation of grid losses variation

As part of Activity 9, the EE will have to calculate annual network losses variation in presence/absence of each interconnection project under assessment, including associated reinforcements. Grid losses can be calculated directly as part of load-flow simulations for the two conditions, as the difference between the total generation and the total demand in a country. For underwater cables, losses are attributed equally to the countries involved.

Monetization is then performed considering the marginal price of each market node obtained from market simulations that include the assessed project.

Annex B – Draft Contract

Company
Name
Address

Subject: Consulting Service within the Activity 1 of the TEASIMED 2 project co-funded by the European Commission through GRANT CONTRACT - EXTERNAL ACTIONS OF THE EUROPEAN UNION NDICI-GEO-NEAR/2022/437-130

1. DEFINITION OF THE PARTIES

This Contract is stipulated in the context of the TEASIMED 2 Project (hereinafter “Project”), between:

Med-TSO Mediterranean Transmission System Operators, fiscal code 97697840581, with registered office in Viale Egidio Galbani 70, 00156 Rome and operational headquarters in Via della Marcigliana 911, 00138 Rome – hereinafter referred to as the “Customer”, represented in this Contract by the Secretary General, Mr. Angelo Ferrante,

and

XXXXXXXX. —, VAT number/Fiscal Code XXXXXXXXXXX, with registered office in XXXXX, XXXXXXXXXXX – hereinafter referred to as the “Service Provider”, represented in this Contract by XXXXXXXX, as Legal Representative of the Company.

2. SUBJECT OF THE CONTRACT AND DESCRIPTION OF THE ACTIVITIES

2.1 Subject of the Contract

The activity to be carried by the Service Provider is the execution of a set of network studies, based on continuous load flow calculations, with the aim to assess the capabilities of the interconnected Mediterranean network in terms of transmission capacity. The detailed description of the activities to be carried out are reported in the terms of reference of the tender (ME/P2024/XXXX), which constitutes an integral part of this contract.

2.2 Activities description

The activity to be performed by the Service Provider is described in the terms of reference of the tender (ME/P2024/XXXX) and in the technical offer submitted by the Service Provider (ME/A2024/XXXX), which is inherent part of this Contract. The substitution of an expert can only take place with an expert with similar professional experience and must be always approved by Med-TSO.

3. DURATION AND CHRONOLOGICAL SCHEDULE

This Contract comes into force on the date of its signature and ends on 30 October 2025.

The activities referred to in the above art. 2.2 shall be fulfilled according to the work program defined in the terms of reference of the tender and agreed with Med-TSO.

4. CONTRACT MANAGEMENT

The Secretary General of Med-TSO is responsible for providing the management of this Contract.

All the communications between the Service Provider and the Customer concerning this Contract shall be forwarded exclusively in writing, by e-mail to angelo.ferrante@med-tso.com or by post to the following address:

Med-TSO
Via della Marcigliana 911
00138 Rome
to the kind attention of Mr. Angelo Ferrante

The reference person of the Consultant is **XXXXXX** and all communication will be forwarded to: **XXXXXX, XXXXXX - XXXXXX, XXXXX, XXXXXX, XXXXX.**

5. IMPLEMENTATION IN ACCORDANCE WITH BEST PRACTICE

With the acceptance of this Contract, the Service Provider undertakes to guarantee the Customer that all activities will be carried out according to the best available techniques and best practice, in relation to the quality level assumed for the activities themselves.

6. FEES AND AMOUNTS OF THE CONTRACT

For the accomplishment of the activities referred to in paragraph 2 of this Contract, Med-TSO will pay the total amount of **XXXXXX EUR**, including VAT and any tax and duty, withholding tax and social security contributions, where due.

Any expense incurred and duly documented for the accomplishment of this Contract will be reimbursed to the Service Provider only prior written authorization from the Customer.

The contractually defined prices are proposed and accepted by the Service Provider in complete and thorough knowledge of the quantity and kind of work to be fulfilled; for this reason, the Service Provider declares to waive any claim of an economic nature that should result from incorrect assessment or lack of knowledge of the quantities, modalities and characteristics of the works object of the Contract.

7. ARRANGEMENTS FOR INVOICING, PAYMENTS, TRACEABILITY OF FINANCIAL FLOWS, ASSIGNMENT OF CREDITS

7.1 Arrangements for invoicing

The amount of the Contract in the previous art. 6 relative to the activities referred to in the paragraph 2.2 of this Contract, may be invoiced by the Service Provider, as follow:

- 20% (twenty per cent) of the share of the activity upon signing the Contract;
- 20% (twenty per cent) of the share of the activity upon presentation of the due documentation of the activity carried out from step 0 to step 3, after its approval by Med-TSO;

- 20% (twenty per cent) of the share of the activity, upon presentation of the due documentation of the activity from step 4 to step 6, after its approval by Med-TSO
- 20% (twenty per cent) of the share of the activity upon presentation of the due documentation of the activity from step 7 to step 9, after its approval by Med-TSO;
- 20% (twenty per cent) will be invoiced as a balance at the end of the contract.

The VAT and/or any tax and duty, withholding tax and social security contributions, where due, shall be highlighted in the invoices. In case of exemption, contemplated pursuant to current tax laws and/or existing Agreements against double taxation, shall be sent to the Customer:

- a certificate of the foreign authority attesting the residence for tax purposes in the foreign State, with the details of the relative VAT number or tax code;
- a declaration of having made the service to Med-TSO in the foreign State;
- in the event that there is an Agreement against double taxation, a certificate proving the existence of the necessary conditions to benefit from the convention scheme.

7.2 Payments

Payment of invoices issued by the Service Provider will be made within the term of 30 days from the date of receipt of the invoice, subject to approval by Med-TSO and by European Commission of the services rendered and the regular performance of the requested activities. The payments are subject to the Contracting Authorities yearly pre-payments.

The reference data of this Contract and the reference data of the Main Contract NDICI-GEO-NEAR/2022/437-130 shall be indicated in each invoice, as well as the code and the details in order to allow payment. Each invoice will have to be headed to:

Med-TSO
Viale Egidio Galbani, 70
00156 Roma
Tax code 97697840581
and sent in original to
Med-TSO
Via della Marcigliana, 911
00138 Roma
to the kind attention of: Mr. Gherardo Alfonso Vichi

7.3 Traceability of financial flows

In order to guarantee the traceability of financial flows finalized to prevent criminal infiltration, pursuant to and for the effects of article 3, paragraph 1 of Law 136/2010, financial transactions relating the activity referred to in the Contract in question, must be carried out exclusively through the bank or postal transfer instrument, or else with other payment instruments suitable to allow full traceability of transactions.

7.4 Assignment of credits

Parties expressly agree – pursuant to and for the effects of article 1260, paragraph 2 of the Civil Code- that the credits deriving from the execution of this Contract are not transferable to third parties.

Such credits shall not be also the object of any act of disposition by the creditor, even if invested with power of representation and/or management.

8. OBSERVANCE OF LAWS, REGULATIONS AND RULES

This contract is governed by Italian laws. The Service Provider, under its sole responsibility, must comply with the legislative provisions as well as to observe all the regulations, rules, requirements of the competent Authorities in the field of services, labor contracts, safety and work hygiene and of how much else can, in any way, affect the execution of this Contract.

Moreover, for the entire duration of the Contract, the Service Provider must guarantee the continuation of the qualification/eligibility requirements agreed when assigning the Contract and the continuation of non-exclusion requirements provided by the General Conditions for the supply of services subsidized by the European Union.

Failure to comply by the Service Provider with the requirements and obligations charged by it pursuant to the present article, legitimizes the Customer to terminate the Contract pursuant to and for the effects of article 1456 of the Civil Code.

9. PARTICULAR CLAUSES

9.1 Confidentiality

All information collected during the course of this Contract, as well as all documents and reports prepared within the same, shall be considered and treated as confidential and shall not be used for purposes other than the execution of the activities covered by the Contract itself, nor disclosed or otherwise communicated to third parties without the prior written consent of the Customer. Except in cases where:

- it is necessary to comply with regulatory or legal obligations;
- Italian or foreign authorities request it and a motivated refusal could not be opposed;
- the information is already in the public domain;
- the information was already known at the date of issue of this assignment;
- the information has become public knowledge during the assignment for causes other than failure to comply with confidentiality obligations referred to in this article.

At the end of the Contract, the Service Provider will have to immediately cease to use and destroy, or return, all “Confidential Information” to the Customer.

It is understood that the above confidentiality clause retains its effectiveness even after the conclusion of this Contract.

9.2 Privacy

It is understood that, with reference to the fulfilment by the Service Provider of the activities provided for in this Contract and in compliance with the provisions of the European Regulation on the protection of personal data (Regulation EU 2016/679), the data already taken or that will be subsequently communicated from the Service Provider will be used for the sole purpose of carrying out the activities entrusted to it.

Such data, which may be partly on paper files and partly on electronic files, will have to be kept in compliance with the security measures provided for in the European Regulation on the protection of personal data (Regulation EU 2016/679), and shall not be disclosed to the outside except in cases in which this will be necessary in the performance of a legal obligation.

In cases in which it is necessary to acquire information or data from third parties for the performance of the activities referred to in this Contract and this requires the consent of the interested parties, it will be the Customer's responsibility to obtain this consent.

It is understood that the Service Provider has the faculty to exercise, regarding the existence and processing of personal data concerning it, the rights provided for by the European Regulation on the protection of personal data (Regulation EU 2016/679).

It is also noted that the data controller in question is Med-TSO and that the responsible for data processing is the Secretary General, with domicile for the office in Viale Egidio Galbani, 70 – 00156 Rome.

9.3 Property of the works

All the material prepared for the completion of the work is of property of Med-TSO. The Service Provider will also guarantee the Customer the full availability of each component of the works, even after the end of the contract.

9.4 Liability for damages

The Service Provider is responsible for the correct execution of the service.

The responsibility of the Service Provider during the performance of the service, and until the end of the contractual relationship, must be understood as referring to the damage done to the Customer's people and things and/or third parties, strictly connected to the methods of carrying out the service and to the object of the same. Are included in the responsibility of the Service Provider any damages that should occur in the different phases to provide the service in accordance with the provisions of the Contract.

The assessment, the evaluation and the settlement of claims for damages shall be performed by the Service Provider in contradictory with the damaged.

The Service Provider assumes full responsibility towards the Customer for all obligations deriving from the Contract, ensuring also for the work of the expert referred to in the previous articles. Therefore, the Service Provider undertakes to keep the Customer unharmed and free from any liability for accidents and/or injuries which in the execution of the Contract may be caused to the staff of the same and/or of Med-TSO, or to the Service Provider.

To this end, the Service Provider will have to underwrite and maintain the following insurance policies for the duration of the present Contract:

1. Medical insurance that indemnifies the Customer from any liability related to medical expenses;
2. Insurance for damages to cover risks in sickness or accident, including the cost of repatriation for health reasons.

The Service Provider will have to provide proof of the insurance policies and of the regular payment of the insurance premiums, without any delay, at the Customer's first request.

The Service Provider guarantees and undertakes to keep the Customer unharmed and relieved against any claim that should be advanced by third parties as a result of breaches, even partial, of the contractual rules and/or legal rules by the same or by the Service Provider.

The Service Provider undertakes to act with the utmost diligence and to take any necessary and/or opportune initiative to avoid damages of any kind and nature to people and things. In the case these should occur, the same will have to provide in any case for the complete and prompt compensation of them.

The compensation for any damage caused by the Service Provider to people and things, during the course of the activities referred to the present Contract, is entirely borne by it. Such compensation must be made within a short time and copy of the receipt must be delivered to the Customer within one month from the date of completion of activities.

However, the Service Provider, in cases of wilful misconduct or gross negligence, is obliged without time limits to provide for his care and expenses for the compensation of any damage to its charge that should be claimed, avoiding harassment to the Customer and keeping the Customer relieved of any action initiated against him.

9.5 Domicile

We acknowledge that the Service Provider, to all contractual effects, elects legal domicile at the address to which this Contract is sent. In relation to this, the Customer, for the entire duration of the same, will make any notification and/or communication to the aforesaid legal domicile.

In the event of a change in this legal domicile, the Service Provider undertakes to inform the Customer about it by registered letter; in the event of lack of this, notifications and/or communications will be considered such as regularly carried out once they are received at the previously notified legal domicile of the Service Provider.

10. PENALTIES

In case of delay with respect to the terms of completion referred to in previous art. 3, a daily penalty equal to the ratio between the value of the Contract and the days of carrying out the activities. It is expressly made without prejudice to reimburse further damage in addition to the amount of the penalties.

The relevant amounts will be retained when the invoices are paid in correspondence with the services for which the contractual terms and/or the contractual conditions are disregarded, or at the time of payment of any amount due in connection with the Contract.

The penalties are cumulative, but the relative amount shall not exceed in any case 15% of the total value of the Contract.

When the amount of the penalty has reached the aforementioned limit of 15%, the Customer has the faculty to use the termination clause.

The application of the penalties does not exempt from the observance of all contractual and legal obligations concerning the correct execution of the Contract.

The parties recognize that the implementation of measures to contain the Coronavirus (COVID-1-9) epidemic in Italy {see law 13/20, decree law 18/20 and any other future} and in **XXXX** could result in the debtor's liability being excluded, under Articles 1218 and 1223 of the Italian Civil Code.

11. DISPUTES

All disputes arising from this Contract, including those relating to its validity, interpretation and execution, shall be entrusted to a board of three arbitrators, of which two named, one by the Service Provider and one by the Customer, and the third one, having functions of President, by the arbitrators so named.

In case of failure to appoint the arbitrator of the party, or failure to agree on the appointment of the President, the appointment itself will be referred to the President of the Rome Court, on the request of the most diligent party.

The College shall judge by right with the application of the articles 806 and following of the Code of Civil Procedure and shall have seat in Rome (Italy)

12. TERMINATION

In all cases of non-fulfilment by the Service Provider of the obligations arising from the Contract, the same can be terminated by the Customer, pursuant to the provisions of the Civil Code. The termination works by right in the cases provided for in articles 7, 8, 9 of this Contract and in the cases provided for in the General Conditions for the Supply of services financed by the European Union. It is also the Customer's right to terminate this Contract in the cases provided for art. 80, par. 5, lett. c), c-bis), C-ter of the Legislative Decree 50/2016

In the above-mentioned cases, the Customer reserves the right to suspend the Contract, demanding the reimbursement of sums eventually paid, without prejudice, in this case also, to the compensation for damage.

Particularly, the damage may consist of both the emerging damage and the loss of profit, notwithstanding that the total amount of compensation for damages shall not, except in cases of wilful misconduct or gross negligence, exceed the double total value of this Contract.

13. WITHDRAWAL

It is understood that the Customer has the right to withdraw from this Contract, in whole or in part, at any time and at its sole discretion. In this case, the Customer shall correspond to the Service Provider exclusively the amounts relating to the expenses occurred on the date of withdrawal.

Such sum, as a comprehensive and flat-rate indemnity, is meant to be paid to acknowledgment of each and any claim or right from the Service Provider, without the latter being able to demand another compensation or indemnity, according to the article 1671 of the Civil Code or for any cause or title or reason.

14. COMPLETION

This Contract is concluded pursuant to the article 1326 of the Civil Code, with full acceptance and without any reservation from the Service Provider and on condition that the requirements set forth in the following points are fulfilled.

Hereinafter the address at which the Service Provider shall send the following documentation:

Med-TSO
Via della Marcigliana 911,
00138 Rome
To the kind attention of Mrs. Simona La Cioppa

One original of this Contract, stamped and signed by the Legal Representative of the Service Provider in each sheet for acceptance (attached).

Rome, XX XXXXX 2024

Med-TSO
The Secretary General

THE SERVICE PROVIDER
The Legal Representative

Pursuant to and for the purposes of the articles 1341 and 1342 of the Civil Code, are specifically approved the following clauses relating to this Contract:

- Art. 7.2 "Payments"
- Art. 7.3 "Traceability of Financial Flows"
- Art. 8 "Observance of laws, regulations and rules"
- Art. 9.4 "Liability for damages"
- Art. 10 "Penalties"
- Art. 11 "Disputes"
- Art. 12 "Termination"
- Art. 13 "Withdrawal"
- Place and date.....

THE SERVICE PROVIDER
The Legal Representative

Attachments:

1. Draft Contract
2. Call for Tender Network Studies (ME/P2024/XXXXX);
3. Offer of the Service Provider (ME/A2024/XXXX).