

TERMS OF REFERENCE
TR on Supply of Cables 10 kV for the JSC Telasi Needs.

1. BRIEF DESCRIPTION OF PURCHASED GOODS

1.1. Name and Volume of Purchased Goods

#	Product name	Q-ty m
1	Cable NA2XSEY-10 3x50 RM25 (or similar)	According to the Annex #1
2	Cable NA2XSEY-10 3x70 RM25 (or similar)	According to the Annex #1
3	Cable NA2XSEY-10 3x95 RM25 (or similar)	According to the Annex #1
4	Cable NA2XSEY-10 3x120 RM35 (or similar)	According to the Annex #1
5	Cable NA2XSEY-10 3x150 RM35 (or similar)	According to the Annex #1
6	Cable NA2XSEY-10 3x185 RM35 (or similar)	According to the Annex #1
7	Cable NA2XSEY-10 3x240 RM50 (or similar)	According to the Annex #1

1.2. Terms of Goods Delivery

Delivery – According to the Annex #1.

1.3. Grounds of Purchase: Adjusted ACP-2021 Memo #0712/982/21.

1.4. Possibility of Supplying Similar Goods.

Delivery of similar products is allowed according to the definition of “similar” specified in the note

***** Note:**

Definition of “**Similar**” – Products similar to the compared product, with identical functional purpose, weight and size and installation characteristics and conditions of use.

2. GENERAL REQUIREMENTS

2.1. Place of Application, Usage of Goods.

In the JSC Telasi grids.

2.2. Product Requirements

The product shall be new, first released into circulation, previously unused / unoperated (not used) of factory/plant production (not counterfeit or handicraft),

production period no more than 12 months (indicated if necessary) (not stale) and correspond to all the requirements of the terms of reference and the contract.

The product shall be new, not previously used, and represent the latest or modern models, as well as take into account the latest developments in the field of structures and materials (if necessary).

The cable shall comply with the requirements established by ГOCT P 55025-2012 or similar standards in accordance with the requested type of product.

The cable shall have the characteristics of the specified pp #2.2.1:

#2.2.1

#	Cable requirements	Required parameter value
1	Rated voltage	10 (12)kV
2	Core	stranded aluminum, (class - 2) – according to the ГOCT 22483-2012
3	Shield cross-section	according to the p #1.1 of TR
4	Number of cores	3
5	Core cross-section	according to the p #1.1 of TR
6	Insulation	XLPE
7	Shield	of copper wire and copper tape around each core, according to the pp #1.1
8	Sheath insulation	PVC – According to the 23286-78
9	Space between the cores	is filled with aggregate
10	Aggregate	Lead-free extruded compound
11	Inscriptions	“TELASI” and the length in meters shall be marked on the sheath of the cable in each meter
12	Ambient temperature range during operation	from -45° C to 50° C
13	Cable installation without preheating	15° C
14	Short-time allowable temperature in the short-circuit mode	250° C
15	Working temperature	90° C
16	Minimum allowable bending radius during installation	15 D
17	Service life, not less than	30 years
18	The cable shall comply with the standard SST EN 50575:2014/2016 in the part of fire safety and bear the mandatory CE labeling.	

*** Note: Test reports shall be included in the delivery of cables.

2.3. Requirements for Materials and Equipment used in Production

The materials used shall be new, earlier unused, the date of manufacture not earlier than the previous year and shall represent the latest or modern models, as well as take into account the latest developments in the field of structures and materials.

2.4. Requirements to the Goods Compliance with the Binding Requirements of the Legislation on Technical Regulation

Procurement participants in their proposals shall submit certificates of conformity of the proposed product to the requirements established by the ГОСТ P 55025-2012 (or similar standards in accordance with the requested type of product.), EN 50575:2014/2016. Certificate ISO IEC 17025:2005 – Quality management system for testing and calibration laboratories (or similar); *Also, supplier, under its responsibility, shall have and submit in its documents a certificate of customs clearance for imported products.*

2.4.1. Requirements for Voluntary Certification:

Quality Management System Certificate ISO 9001-2015; Environmental Management System Certificate ISO 14001-2015;

2.5. Requirements for the Warranty Period and (or) the Scope of the Provision of Quality Guarantees for the Supplied Goods.

The warranty period for the supplied goods shall be no less than the warranty period specified by the manufacturer in the product passport.

In the absence of information about the warranty period from the manufacturer of the goods, the warranty period shall be no less than 36 months.

In the case of finding defects in the supplied goods during the warranty period, the supplier shall, within 3 days from the date of receipt of the written notification of the customer, send its authorized representative to participate in the commission investigating the occurred damage.

All the costs associated with the elimination of defects in the supplied equipment caused by a violation of the design, manufacturing, delivery technology, including the costs of dismantling, transportation, elimination of defects and subsequent installation, shall be borne by the supplier of this equipment.

2.6. Requirements for the Operation and Maintenance Costs of the Goods Supplied.

N/A

2.7. Requirements for Transfer of Intellectual Property Rights.

N/A

2.8. Requirements for Performance of Related Works at the Supply of Goods.

N/A

2.9. Responsibility of Manufacturer (or Supplier).

2.9.1. The manufacturer shall exercise complete control (for example, by inspection or otherwise) over all contracted people and workers preparing assemblies or parts that may affect safety and product quality.

2.9.2. At all the stages of the production and control process, nonconforming materials, parts and/or products shall be clearly identified in order to prevent their release into circulation.

2.9.3. The manufacturer shall retain records to demonstrate that production is in accordance with the procedures established in the quality management system. These records must be made available to the IG (Inspection Group). Records of the item being certified and/or the test equipment used shall be retained for a period of no less than a period between two inspections.

2.9.4. Manufacturers shall ensure that all the purchased materials, components and assemblies meet the established requirements by submitting supporting documentation (certificates) in the tender.

3. REQUIREMENTS FOR FULFILLMENT OF GOODS SUPPLY

3.1. Requirements for the Scope of Supply

Supplier shall ensure the delivery of the purchased goods specified in paragraph # 1.1 of the TR and Annex # 1.

3.2. Requirements for Loading and Delivery of Purchased Goods

The goods are loaded and delivered to the customer's warehouse by the supplier. Unloading at the warehouse is carried out by the customer. The procurement participant shall include the cost of delivery of the goods in the price of its proposal. The procurement participant shall include in the price of its proposal the costs associated with insurance, with the payment of customs duties, taxes, fees and other mandatory payments. The delivery of the purchased goods shall be carried out to the buyer's warehouse located at the address: Tbilisi; Lilo st. # 51. Central warehouse of the JSC Telasi.

3.3. Requirements for Containers and Packaging of Purchased Goods

The supplied goods shall be shipped in the packaging (or container) of the manufacturer plant. Containers and packaging shall ensure complete safety of the goods from damage and deterioration during transportation and storage.

3.4. Requirements for Goods Acceptance

Supplier shall ensure the presence of its authorized representative during the acceptance of the delivered goods at the customer's warehouse.

Acceptance of the goods shall be carried out at the customer's warehouse in accordance with the Society's process regulations PII 533-3 within five (in the case of laboratory tests, seven) working days from the date of delivery of the goods to the warehouse.

The goods shall be delivered along with the set of goods distribution documents.

The order of the cable acceptance:

Carry out acceptance tests in accordance with МЭК 60502-2:2005 and ГОСТ Р 55025-2012;

- Check the structure and dimensions of the cables;
- Check the integrity of the conductor cores and shields;
- Check electrical resistance at 20° C;
- Check electrical resistance of the insulation;

- Check the labeling and packaging.

3.5. Documentation on Evaluation of Compliance with Safety Requirements and Quality Indices of Goods

The goods are supplied in full with technical specifications, passports, drawings and other documentation necessary for installation, operation and repair, in Russian, on paper.

Along with the goods, the supplier shall hand over to the customer documentation confirming the safety and quality of the supplied goods and its compliance with the requirements of technical regulations, as well as documentation confirming the quality of the supplied goods, issued based on the control of materials and spare parts performed by the manufacturer (supplier).

Along with the goods, the supplier shall hand over to the customer the necessary technical documentation, sufficient for installation, safe operation and repair of the supplied goods. Documentation shall be submitted in Georgian or Russian on paper or electronic media.

The technical documentation accompanying the equipment shall include, but not be limited to:

1. certificates of conformity, declarations of conformity / laboratory test reports.

3.6. Requirements to the Order of Settlement

Complete information on the section 3.6. of these Terms of Reference is reflected in the draft Contract.

3.7. Additional Requirements for Goods Supply

N/A.

4. PURCHASE PARTICIPANTS REQUIREMENTS

4.1. Experience Requirements Concerning Supply of Similar Goods

Purchase participant shall confirm that it has experience in the delivery of similar goods in amount of at least 3 completed contracts for the last three years preceding the date of submission of application for participation in this procurement (5.4.1, MT-529-3).

4.2. Requirement to Account Activity, Submission of Bank Guarantee

Complete information on the section 4.2. of these Terms of Reference is reflected in the tender documentation (TD).

4.3. Additional Requirements

4.3.1. If the purchase participant is not a manufacturer of the goods, then in its proposal it shall include a letter from the manufacturer plant about the readiness to issue the goods to the customer through this supplier.

4.3.2. Providing data on the production capacity of the enterprise, main equipment (cable products up to 10 kV), availability of a testing laboratory, its equipment with equipment and specialists (including data on the volume of production per year, per month).

4.3.3. The participant in its technical proposal shall indicate the detailed technical characteristics of the equipment proposed for delivery at the level of detail, as indicated in the table "Required parameter value" or the phrase "fully corresponds" with 100%

coincidence of the technical parameters of the proposed supply of equipment and components.

4.4. In the Tender Materials Participant shall Submit

- Name of the manufacturer plant;
- Specifications / technical characteristics;
- Certificates of conformity and quality;
- Warranty period not less than 3 years after delivery;
- Delivery schedule;
- Documentation confirming that the manufacturer of the product has experience in the production of similar products of at least 5 years;
- Documentation in accordance with the paragraphs ##4.1, 4.3 of TR;
- Documentation in accordance with the requirements of TR and TD.