

Tender No: AT.2/2021

Subject: PRECONNECTED FIBRE OPTIC CABLES**BRIEF DESCRIPTION****1. GENERAL**

Tenders are invited for the supply of PRECONNECTED FIBRE OPTIC CABLES, in accordance with the detailed tender specification.

2. PRICE OF TENDER DOCUMENTS

The relevant tender documents will be available as from the **17th February 2021**, only in electronic form and free of charge, in our website <http://www.cyta-tenders.cytanet.com.cy>.

3. CLOSING DATE

Tenders shall be placed by the Tenderers or their representatives in Cyta's Automated Tender Box at Ground Floor, Head Office Building, Telecommunications Street, Strovolos, Nicosia, Cyprus, by **10.00 hours on Friday, 9th April 2021**, which is the Closing Date and Hour. Tenderers should note that the Tender Box will automatically lock at exactly 10.00 hours on the Closing Date with the indication «CLOSED».

Tenders submitted after the Closing Date and Hour shall neither be accepted nor taken into consideration.

4. VALIDITY

Tenders are to be held open for acceptance for **180 days** from the specified Closing Date. A Tender valid for a shorter period shall not be taken into consideration.

In exceptional circumstances, Cyta may request the Tenderer for an extension of the period of validity. A Tenderer may refuse the request.

5. EXTENT OF TENDERS

Only Tenders covering the supply of all Works detailed in this Specification must be submitted. Partial Tenders shall not qualify for consideration.

6. COMMITMENT FOR NON-WITHDRAWAL OF THE TENDER

Tenders shall be accompanied by the document "COMMITMENT FOR NON-WITHDRAWAL OF THE TENDER", fully completed and signed.

7. DELIVERY

The first-year requirements shall be delivered in three (3) shipments of about equal quantities, according to the following schedule:

- First Shipment: within three (3) months (CYTA's Central Stores) from the date of placing the order
- Next Shipments: every three (3) months i.e in 6 and 9 months.

All deliveries shall be made to CYTA's Central Stores, at 3 Patron str, Dali Industrial Area, CY-2540, Nicosia, Cyprus.

8. PRICES

Prices for materials shall be Delivered Duty Paid, Value Added Tax unpaid, according to Incoterms 2020, to Cyta Central Stores at 3 Patron Street, Dhali Industrial Area, CY-2540, Nicosia. VAT on imports shall be paid by Cyta.

9. PAYMENT TERMS

Payment shall be effected in cash within 45 days from the completion of the delivery of all ordered goods.

10. SUPPLY AGREEMENT

Cyta shall have the option to enter into a Supply Agreement covering the initial and additional orders to be placed over a period of up to three (3) years from the Effective Date of Contract.

11. TENDER AWARD

Cyta shall award the complete Tender to one Tenderer. No partial award shall be allowed.

12. PARTICIPATION REQUIREMENTS

This paragraph specifies the participation requirements applicable for this tender needed to be fulfilled by the Tenderers in order to participate and be evaluated. Tenderers failing to comply with these requirements shall be disqualified and shall not be further evaluated.

12.1 DOCUMENTARY EVIDENCE PROVING SALES

Tenderers shall submit documentary evidence proving sales of Preconnected Fibre Optic Cables, of the same type and specifications as those included in this Tender, within the last ten (10) years, in at least two (2) Telecom Organizations/Service Providers, one (1) of which operating in the European Union or in any country member of the EFTA (Iceland, Liechtenstein, Norway, and Switzerland), with sales to each one being at least equal to 10.000 pre-connected cables

Tenderers shall provide the following information by completing the Table II-1 below, separately for each Section:

- Telecom Organization/Service Provider name
- Contact details
- Quantities supplied
- Year of supply
- Evidence for sales e.g. letters of customer satisfaction, Copies of the Contracts, Purchase Orders, Tender award letters, etc.

Table II-1: Sales

A/A	Cable description	Supplied to (Telecom Organization/ Service Provider name)	Contact details (Name, E-mail, Phone, Fax)	Quantities supplied	Year of supply	Kind of evidence
1						
2						
3						

The above information shall concern the manufacturer, in case the Tenderer is other than the manufacturer.

12.2 SAMPLES

The prevailing Tenderer, if requested by Cyta, shall be obliged to manufacture and deliver, within three (3) weeks from the date of the request, samples of cables as follow:

- Category 1 - Aerial Drop Cable
- Category 2 - Wall Drop Cable
- Category 3 - Duct Drop Cable

The samples shall be made according to these specifications. The prevailing Tenderer shall perform all tests as stated

in Part III - Technical Specifications, Paragraph 3 - Test Requirements, proving the conformity of the sample cables to the Technical Specifications.

The expenses of manufacture of cables and the execution of the relevant tests shall be undertaken by the prevailing Tenderer.

The samples shall be submitted to Cyta, Line Access Network, 40 Dasoupoleos Street, CY-2015, Nicosia, Cyprus. Samples shall have attached labels with the name of the Tenderer. The expenses for delivering the samples to Cyta shall be undertaken by the prevailing Tenderer.

The samples and the relevant test results shall be verified for compliance with Cyta's specifications. The prevailing Tenderer, if failed to comply with these requirements, shall be disqualified.

12.3 TESTS

Tenderers shall submit together with their Tender test reports and/or supporting data (data sheets, technical specifications, etc) as evidence that the tests described in the Specification have been carried out in accordance with this Specification. Tenderers shall include in the test reports and/or supporting data the International standards used, detail conditions and procedures followed for undertaking the tests and the test results, as stated in Part III - Technical Specifications, Paragraph 3 - Test Requirements. The test reports and/or supporting data shall be evaluated and graded in the Technical Evaluation process.

In addition, the prevailing Tenderer shall be requested to perform all tests as stated in the Technical Specifications, proving the conformity of the products to the Specifications, before the final Tender award. The tests shall take place at the manufacturing site, in the presence of Cyta representatives. The travel and accommodation expenses of Cyta's representatives shall be undertaken by Cyta. It is Cyta's right, at its own expense, to request from an independent and internationally recognized European Certification Body to witness the tests. In the event that the tests fail to prove complete conformity of the products to the Specifications, then the offer will be rejected from any further evaluation.

13. BRIEF DESCRIPTION

The Tender includes the Specifications for Optical Fibres and Cables which Cyta intends to use in the deployment of its broadband access network and mainly its FTTH network. These cables are used for the connection of the customers as specified. The cables are preconnectorised drop cables which will connect the customer premises to the distribution network.

Category 1

This Aerial Drop Cable shall be deployed on poles and will be preconnectorized on both sides, connecting the Fibre Distribution Box (FDB) on the pole and the Fibre Termination Box (FTB) outside the customer premises. The cables shall have the following structure:

- Semi-tight buffered fibres 900 µm
- Aramid yarns as strength reinforced elements
- LSHF (Low Smoke Halogen Free) inner sheathing
- Aramid yarns as strength reinforced elements
- Polyethylene, UV resistant outer sheathing with embedded rods.

Category 2

This Wall Drop Cable shall be stapled on walls and will be preconnectorised on one side, connecting the FDB on the Wall to the Fibre Outlet Box (FOB) inside the customer premises. The cables shall have the following structure:

- Semi-tight buffered fibres 900 µm

- Aramid yarns as strength reinforced elements
- LSHF inner sheathing
- Glass yarns as strength reinforced elements
- LSHF, Flame retardant, UV resistant outer sheathing.

Category 3

This Drop Cable shall be pulled in ducts and will be preconnectorised on one side, connecting the FTB at the customer premises to the FOB. The cables shall have the following structure:

- Semi-tight buffered fibres 900 µm
- Aramid yarns as strength reinforced elements
- LSHF, Flame Retardant (FR) outer sheathing.

The optical characteristics of the optical fibre offered shall fully meet or exceed the requirements of ITU-T Recommendation G.657.A1 for Category 1 and G.657.A2 for Categories 2 and 3.

INTICATIVE QUANTITIES

Item	Description	Unit	Requirements		
			2021	2022	2023
CATEGORY 1					
1	Cable 1f, 10 meters	units	500	500	500
2	Cable 1f, 20 meters	units	850	850	850
3	Cable 1f, 30 meters	units	1.800	1.800	1.800
4	Cable 1f, 40 meters	units	1.500	1.500	1.500
5	Cable 1f, 50 meters	units	850	850	850
6	Cable 1f, 70 meters	units	400	400	400
7	Cable 1f, 100 meters	units	300	300	300
8	Cable 1f, 150 meters	units	120	120	120
CATEGORY 2					
1	Cable 1f, 10 meters	units	550	550	550
2	Cable 1f, 20 meters	units	1.400	1.400	1.400
3	Cable 1f, 40 meters	units	1.500	1.500	1.500
4	Cable 1f, 60 meters	units	600	600	600
5	Cable 1f, 80 meters	units	120	120	120
6	Cable 1f, 100 meters	units	120	120	120
CATEGORY 3					
1	Cable 1f, 10 meters	units	4.500	4.500	4.500
2	Cable 1f, 20 meters	units	7.000	7.000	7.000
3	Cable 1f, 30 meters	units	7.500	7.500	7.500
4	Cable 1f, 40 meters	units	4.200	4.200	4.200
5	Cable 1f, 50 meters	units	1.000	1.000	1.000
6	Cable 1f, 70 meters	units	250	250	250