



Request For Quotations

for

Supply of tools for laying OFC

Ref. No. APSFL/Spares / Tools/342/2019-20/03, Dated 25/11/2020

Andhra Pradesh State FiberNet Limited

NTR Administrative Block, 3rd Floor, Pandit Nehru Bus Station,

Vijayawada - 520013

Web address: www.apsfl.in

Email address: apsfl@ap.gov.in

Andhra Pradesh State FiberNet Limited (APSFL) invites sealed quotations from the prospective agencies for supply of related tools for laying of OFC

The following are the specifications for the required tools.

I. Optical Power Meter -VIAVIOLP-35

1. General Specifications

Storage and Interface	
Data storage	100 results
Data download capability	Micro USB interface for PC transfer
Power Supply	
Dry batteries	2x Mignon (AA) 1.5 V
Rechargeable batteries	2x Mignon (AA) NiMH 1.2 V
AC operation	Via micro USB and SNT-505
Battery life	≥200 hr
	Automatic power off after 20 minutes
Environmental Conditions	
EMI/ESD	CE compliant
Recommended calibration interval	3 years
Operating temperature	-10 to +55°C (+14 to +131°F)
Storage temperature	-40 to +70°C (-40 to +158°F)
Dimensions (H x W x D)	30 x 80 x 150 mm (1.2 x 3.1 x 5.9 in)
Weight	200 g (0.45 lb)

2. Technical Specifications

Parameters	OLP-35
Detector type	InGaAs
Optical interface/connectors	Universal 2.5 mm/1.25 mm l
Wavelength range	780 to 1650 nm
Wavelength settings	780 to 1650 nm, step size 1 nm
Programmable wavelengths	5 presets (customized)
Calibrated wavelengths	850, 980, 1310, 1490, 1550, 1625 nm
Power range	-65 to +10 dBm
Display range	-65 to +13 dBm
Max. input power	+16 dBm
Measurement units	dB/dBm/W
Intrinsic uncertainty ²	±0.2 dB (±5%)
Linearity ³	±0.06 dB (-50 to +5 dBm)
Tone detection	270 Hz, 1 kHz, 2 kHz
Auto λ mode ⁴	Yes
Multi λ mode ⁴	TwinTest/serial TripleTest

II. Visual Fault locators-JDSU

Optical Fiber Damage/Break Locator

1. Technical Specifications

Parameters	FF1-100 (Ruggedized)
Dimensions	22.0 x 3.5 x 3.0 cm (8.7 x 1.4 x 1.2 in)
Weight	150 g (5.3 oz) with two AA batteries
Fiber Compatibility	Single-mode, Multimode
Wavelength	650 nm (visible)
Laser Safety Rating	Class II
Output Power	1.0 mW max
Output Modes	Continuous and flashing
Range	> 7.5 km single-mode > 5 km multimode
Connector Interface	universal 2.5 mm (fixed) universal 1.25 mm adapter (included)
Controls	on/off Continuous/flashing
Battery Type	two AA
Battery Life	80+ hours on continuous
Carrying Case	Soft-sided with belt loop
Safety	1992, En 61010-2, CE
Warranty	3 year

(To be submitted by agency on original letterhead)

To

Date:

The Managing Director,
Andhra Pradesh State FiberNet Limited,
3rd Floor, NTR Administrative Block,
Pandit Nehru Bus Station,
NH – 65, Vijayawada – 520013

Subject: Quotation for relevant tools for laying of OFC

S.No	Description	Qty	Unit cost (Rs.)	Total Cost (Rs.)
1.	Optical Power Meter -VIAVIOLP-35	20		
2.	Visual Fault locators-JDSU	20		
Total				
Total in INR (words)				

Note

- Unit Rate shall include all duties, levies, insurance, transport and other charges excluding Taxes.
- If there is a discrepancy between words and figures, the amount in words shall prevail.

APSFL reserves the right to

1. Modify, reduce or increase the quantity requirements to an extent of the tendered quantity
2. APSFL may place the repeat order based on the requirement.
3. APSFL reserves its right to withhold any amount for the deficiency in the service aspect of the ordered items supplied.

(Signature, name and designation of the authorized signatory)

It is requested to submit the quotation to the APSFL corporate office, Vijayawada on or before 4:00PM, 02.12.2020