

# CSIR - Central Scientific Instruments Organisation

04.02.2026

**UTN No: CSIO23012026MMP045201 WP-T47A5**

PR No. iSenS/MMP045201 WP-T47A/2025/2C-005

Subject: Requirement of **String Geophone Array** as per the specifications given in the table below.

SI No.	Parameters	Value	Quantity
1.	Natural Frequency of Geophone	~10 Hz	One
2.	Geophone Element Sensitivity	~28.8 V/m/s	
3.	Number of Geophones per String	12	
4.	Geophone Spacing	10 m	
5.	Geophone Housing	Waterproof Marsh Case with Drain Wire	
6.	Signal Wire	Shielded Twisted Pair unterminated at both ends	
7.	Communication Wire	Twisted Pair unterminated at both ends extends 5m on the geophone element starting side	
8.	Ground/Shield Wire	Drop Connected to Geophone Spike and unterminated at both ends	
9.	Geophone Drop Length	0.5m	
10.	Length of the Array	150m	
11.	Wiring Configuration	Rodent proof cable with geophone connected in series connection. 35M lead-in on one side with all wires and 5M on other side with only communication pair and shield wire.	
12.	Warranty on Geophone	3 years	

The budgetary quotation for the above item is to be submitted through e-mail to the undersigned (<mailto:ripul.ghosh.csio@csir.res.in>) on or before **06.02.2026, 12.00pm**.

Other terms & Conditions:

1. Delivery: F.O.R CSIR-CSIO Chandigarh
2. Delivery Time: 1 month from PO date
3. Payment terms: Within 30 days after Delivery and Successful Inspection

Dr. Ripul Ghosh  
Scientist-F  
0172-2672346