

Annexure-V

Equipment Name: Pulsar/receiver with accessories

MAIN COMPONENTS

The major plant components/equipment comprise of the following:

Si. No.	Main Component/Equipment	Unit	Quantity
1.	Pulsar/receiver with accessories	No.	1

TECHNICAL SPECIFICATIONS

Sl. No.	DESCRIPTION	REMARKS
A	PULSER/RECEIVER	
	Control	Using knobs / computer controlled
	Mode	Pulse-echo
	Bandwidth	0.1 to 30 MHz
	Trigger	Internal/external (selectable)
	Gain	0 to 60 dB (in steps of not less than 5 dB)
	High pass filter	1 to 12 MHz with minimum 3 intermediate steps in between
	Low pass filter	3 to 20 MHz with minimum 3 intermediate steps in between
	Damping	30 to 300 Ω with minimum 10 intermediate steps in between
	Pulse amplitude	100 to 250 V with minimum 5 intermediate steps in between
	Environmental Operating Temperature	20 – 40 °C
B	ACCESSORIES	
	Power cable	Suitable for the product
	Cable and adapter	Cable and adapter should be suitable for the system in case of computer controlled pulser/receiver
	Integration software	User friendly Graphical User Interface (GUI) based software to control the pulser/receiver in case of computer controlled pulser/receiver.
E	WARRANTY	Minimum one year warranty period from the date of installation.
F	Eligibility Criteria	a.Should have Supplied to any IIT in India & details to be provided. b. Reputed Make

Note: All the technical parameters are indicative value, Bidder will be designing and specifying in their offer.