

Central Railway 5 years tentative procurement plan for Cochlear Implants.

Item Description	Tentative Procurement Plan for 5 Yrs					LPR AIR Rs	Total Value in Rs (for 5 Yrs)
	22-23	23-24	24-25	25-26	26-27		
Multichannel & Multi electrode Cochlear Implant with Detailed Specification mentioned below.	16	16	16	16	16	Rs 5,51,250.00 (Including 5% GST)	Rs. 4,41,00,000.00

Multichannel & Multi electrode Cochlear Implant Detailed Technical Specification.

1. Should be US FDA approved and copy of the certificate should be enclosed with the offer.
2. Cochlear Implant system does not find place in the latest catalogue of BIS -2013,in view of the same we have sought US FDA certification.
3. IMPLANT CASING - Impact resistant titanium casing with silicon cover.
4. Thickness of Implant (Receiver Stimulator) should not be more than 5 mm.
5. ELECTRODE ARRAY- Straight / Contour implant electrode array, Minimum of 16 independent active electrodes in electrode array with latest implant Chip.
6. MRI COMPATIBLE – With 1.5 Tesla and or above without removing magnet.
7. IMPLANT INTEGRITY TESTING ABILITY – Provision to test implant and electrode integrity and functions both intra operative and post operatively.
8. SPEECH PROCESSOR - Behind the ear Speech processor with minimum of two microphones and option of off the ear with ability to store multiple programs.
9. EXTERNAL COMPONENT / SPEECH PROCESSOR should be sweat and splash Resistant.
10. POWER SOURCE – to be powered by rechargeable cell / rechargeable battery pack.
11. INFRASTRUCTURE SUPPORT - Intra operative and postoperative testing and programming should be provided by the satellite centres / Company.
12. Implant should have the capability for future upgrades.
13. Implant should be compatible with current and all future technologies in speech processor.
14. If company is no longer manufacturing the current speech processor it should be upgraded to higher model free of cost if within the warranty period.