

Addendum for ION CHROMATOGRAPHY SYSTEM
(IIT/SRIC/BT/GKR/PS/2017-18/EQ-5, Dated: 06.12.2017) and BIO-CHEMICAL
ANALYSIS SYSTEM, BENCHTOP MULTIPARAMETER SYSTEM,
METAGENOMIC SAMPLE HANDLING SYSTEM
(IIT/SRIC/BT/GKR/PS/2017-18/EQ-4, Dated: 06.12.2017)

Items/annexure/section	In place of:	Please read/treated as
Time and Date of Opening of Bids	To be announced later	28.12.2017; 16:00 Hrs (IST)

All other specifications, terms and conditions remain unaltered.

Modified Annexure I

Next Generation Sequencing Machine with all essential and supporting accessories

System should occupy minimal lab footprint and should be offered as a complete instrument package capable of performing template DNA amplification and sequencing.

The sequencing chemistry should be robust and offering highly accurate sequencing through regions.

The sequencing workflow should be automated, with walk-away operation, with minimal user intervention and support read lengths for 200-400 base pair or higher.

Instrument should give a data output of 8-15 Gb per run.

Sequence output should generate accurate base calls and high error free raw data.

System should support generation of up to 80 million tags in a single run.

The sequencing chemistry should be robust and globally proven, demonstrated with peer reviewed publications.

System should offer the user-friendly sequencing experience, such as, intuitive touchscreen user interface, RFID tracking and pre-mixed/pre-filled integrated reagent cartridge for minimal user intervention.

The instrument should be able to address multiple applications like amplicon sequencing, metagenome shot gun sequencing, bacterial and viral genome sequencing, transcriptome sequencing.

System should be supplied with the supporting instruments to complete all the upstream and downstream workflow.

System must be supplied with adequate reagents and consumables (e.g flow cell or chip, etc.) to generate >180 Gb data (using >100 to 400 bp chemistry) for amplicon, transcriptome and whole metagenome sequencing.

Compliance Sheet

Next Generation Sequencing Machine

Technical Specification	A	B	C
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<p>System must be supplied with adequate reagents and consumables (e.g flow cell or chip, etc.,) to generate >180 Gb data (using >100 to 400 bp chemistry) for amplicon, transcriptome and whole metagenome sequencing.</p>			