

SPECIFICATIONS FOR MANUFACTURING  
(FABRICATION AND SCREENING) OF HYBRID PRODUCTS

- Manufacturing (Fabrication & Screening) of HMCs as per RFP.
- The scope of work is detailed in Request for Proposal document(RFP) titled” Request for proposal from vendor to Fabricate, testing and Screening of Space Qualified 112SS Hybrid Microcircuits.”
- Vendor should comply with "Process Identification Document for HMC" approved by URSC.
- The vendor should comply with Human rating guidelines as per the document ISRO-URSCGAGANYAAN-QR-0073GY-URSC-OM-SR-PAP-001-20; R1 titled Gaganyaan Process Assurance plan for Realisation of Avionics packages
- Fabrication of Single layer/Crossover HMCs in ceramic FLAT package of substrate size 0.7"X0.7" and " Screening of HMCs" .
- Components required for Fabrication will be supplied by URSC against security cover of equivalent value of insurance cover and indemnity bond covering all risks and valid till the successful completion of delivery and acceptance of items by URSC and returning of balance/left over components to URSC.
- Packages & Materials required for Fabrication shall be purchased by Vendor.
- Test jigs for testing shall be supplied by URSC against submission of insurance cover and indemnity bond of equivalent value covering all risks insurance policy and indemnity bond valid till the delivery and acceptance of entire indented qty(700 Nos.) of 112SS HMCs.
- Soft copy of Specification Control Sheet (SCS) and Screening Document shall be provided by the Vendors in PDF format along with hard copy.
- The Vendor shall return to the Purchaser the unused components (if any), test jigs and all technical data supplied to them with proper documentation at the end of the Purchase Order Term/completion to URSC.
- Delivery schedule for Manufacturing (Fabrication & Screening) of HMCs shall be as detailed in RFP document.
- Adequate and exclusive storage at vendor facility for Gaganyaan items
- Random inspection by QA/URSC in addition to the planned periodic inspections.
- Camera Surveillance of the entire process and storage-footage to be retained for a period as identified by URSC.
- Vendor has understood the Part-I, Part-II, Part-III and Part-IV of RFP Document and is complying to the statements mentioned in the same

## Compliance matrix

Sl. no	Specification	compliance
1	Manufacturing (Fabrication & Screening) of HMCs as per RFP. The scope of work is detailed in Request for Proposal document(RFP) titled" Request for proposal from vendor to Fabricate, testing and Screening of Space Qualified 112SS Hybrid Microcircuits."	
2	Vendor should comply with "Process Identification Document for HMC" approved by URSC.	
3	The vendor should comply with Human rating guidelines as per the document ISROURSC-GAGANYAAN-QR-0073GY-URSC-OM-SR-PAP-001-20;R1 titled Gaganyaan Process Assurance plan for Realisation of Avionics packages	
4	Fabrication of Single layer/Crossover HMCs in ceramic FLAT package of substrate size 0.7"X0.7" and " Screening of HMCs"	
5	Components required for Fabrication will be supplied by URSC against security cover of equivalent value of insurance cover and indemnity bond covering all risks and valid till the successful completion of delivery and acceptance of items by URSC and returning of balance/left over components to URSC.	
6	Packages & Materials required for Fabrication shall be purchased by Vendor.	
7	Test jigs for testing shall be supplied by URSC against submission of insurance cover and indemnity bond of equivalent value covering all risks insurance policy and indemnity bond valid till the delivery and acceptance of entire indented qty(700 Nos.) of 112SS HMCs.	
8	Soft copy of Specification Control Sheet (SCS) and Screening Document shall be provided by the Vendors in PDF format along with hard copy.	
9	The Vendor shall return to the Purchaser the unused components (if any), test jigs and all technical data supplied to them with proper documentation at the end of the Purchase Order Term/completion to URSC stores.	
10.	De livery schedule for Manufacturing (Fabrication & Screening) of HMCs shall be as detailed in RFP document.	
11	Adequate and exclusive storage at vendor facility for Gaganyaan items. Random inspection by QA/URSC in addition to the planned periodic inspections. Camera Surveillance of the entire process and storage-footage to be retained for a period as identified by URSC	
12	Vendor has understood the Part-I, Part-II, Part-III and Part-IV of RFP Document and is complying to the statements mentioned in the same	