

GaN HEMT Based MMIC Technology

GaN HEMTs (High Electron Mobility Transistors) based MMIC Technology has been developed by Solid State Physics Laboratory (SSPL), DRDO, Delhi to be used for RF applications requiring high power and high frequencies for communication systems and radars. The GaN HEMT technology developed by SSPL includes various technology nodes targeting specific applications. The complete technology includes, the device process technology for L/S- Band Power HEMT bars and PA, LNA and Switch MMICs upto X band.

Interested industries are requested to submit their financial bid in sealed envelope mentioning name of technology on top of the envelope, along with relevant documents as per the list in appendix-A, through one of the following agencies only, to DRDO before the bid ending date:-

S. No.	Name of the Agency	Point of Contact
1	National Research Development Corporation Address: 20-22, Zamroodhpur Community Centre, Kailash Colony Extn. New Delhi-110048 Tel+91-11-29240401 to 29240407 Fax: +91-1129240409/29240410 General Email- write2(at)nrdc(dot)in	Sh Rajendra Gondane Sr. Manager (Business Development) National Research Development Corporation 20-22, Zamroodhpur Community Centre, Kailash Colony Extn. New Delhi-110048 Mobile 9910496554 EPABX: +91-11-29240101-07 (EXTN 444) Fax +91-11-29240409-10 Email: rgondane(at)nrdc(dot)in Website www.(dot)nrdcindia(dot)com
2	PHD Chamber of Commerce and Industry Address: PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi-110016 Tel 91-11-26863801-04, 49545454 Fax 91-11-26855450, 49545451 Website www.phdcci.in Email phdcci(at)phdcci(dot)in	Shri Nasir Jamal Joint Secretary PHD Chamber of Commerce & Industry Address: PHD House 4/2 Siri Institutional Area August Kranti Marg New Delhi 110016 Mobile +9810185714, 8210343267 Phone 91-1149545454, 49545400 Extn 279 Fax +91--11-26855450
3	Confederation of Indian Industry (CII) Address: The Mantosh Sondhi Centre 23 , Institutional Area , Lodi Road, New Delhi -110003 Tel 911145771000/246299994-7 Fax : 91 11 24626149 Email: info(at)cii(dot)in website: www. Cii.in	Sh Amit Kumar Deputy Director- Defence & Aerospace Society Of Indian Defence Manufacturers (SIDM) C/o Confederation of Indian Industry (CII) Addres 3 rd Floor, IGSSS, 28 Institutional Area Lodhi Road, New Delhi
4	The Associated Chambers of Commerce and Industry of India (ASSOCAM)	Ms Kavita Sharma Addl. Director and Head- Energy and Infra

4TH Floor, YMCA Cultural Centre and Library Building , 01, Jai Singh Road New Delhi-110001 Phone 46550555 (Hunting Line) Fax 01123347008/09 Website www(dot) assocham(dot)org	Mobile: 09871801002 Tele: 0091-11-23347040 Email: kavita[dot]sharma[at]assocham[dot]com Website: www.assocham.org
---	--

List of Supporting Documents to be Attached/ Enclosed

- (a) Memorandum and Articles of Association (Should be incorporated as per Indian Companies Act, as amended time to time)
- (b) Certificates of registration as a manufacturing unit, if any.
- (c) Audited Balance Sheet fo the preceding three years.
- (d) Income Tax returns for the preceding three year period
- (e) Details of share holding /ownership pattern especially foreign partners/shareholders, foreign employees, directors, etc. The company must adhere to the prevailing Govt of India policies and regulations on Foreign Direct Investment (FDI)/DIPP norms as applicable.
- (f) Annual budget for R&D during last three years.
- (g) Numbers and details of IPR or patents, etc held by the company.
- (h) Number of technically or professionally qualified personnel.
- (I) Record of past performance (e.g Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces , if any).
- (j) Availiability of adequate infrastructure (List of machines and their production capacities) and technical expertise.
- (k) List of Testing and Support equipment's.
- (l) ISO/ ISI certification or any other certification
- (m) Relevant clearances form the authorities/ministries (if any)
- (n) Capacity and capability to undertake development work and to accept attendant financial and commercial risks.
- (o) Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.
- (p) PESO and DPIIT license for explosive handling if TOT is for hig energy Material, explosives, propellants, and component/ system dealing with it etc.

- (q) Under taking form company seeking ToT that none of its Directors, Independent Directors, non -executive Directors, key management personnel are involved in any corrupt practices, unfair means and illegal activities.
- (r) Details of the industrials license for defence manufacturing be provided by the industry seeking ToTs.