



Centre for Development of Advanced Computing (C-DAC)

A Scientific Society of Ministry of Electronics & IT,
Government of India

Vellayambalam, Thiruvananthapuram

Kerala - 695033

Tel: 0471 2723333, 2312627

www.cdac.in

Expression of Interest (EoI)

for

**Collaborative Partner for VEGA
Processor based SoC and Product
development**

EoI No: EoI/HDG/02/01/2021-22

February 2022

Rev 03

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2. NOTICE INVITING EoI

C-DAC Thiruvananthapuram a Scientific Society under the Ministry of Electronics and Information Technology, Govt. of India, invites proposals for **Collaborative Partner for VEGA Processor** based SoC and Product development. C-DAC had developed a series of RISC-V based Single, Dual and Quad Core Processors under the brand VEGA Processors. The details of VEGA Processors and the associated peripheral IP cores can be obtained from the website <https://vegaprocessors.in/>. Firms may please submit their sealed EOI in the format mentioned in the Annexure I. This document provides information to enable the partners to understand the broad requirements to submit their Proposals.

Please Note: Since this is not a Request for Proposal (RFP), commercials are not required to be submitted at this stage.

The details are as below:

- Issue of EoI : 01/02/2022
- Last date for receipt of queries : 28/02/2022
- Last date for receipt of EoI : 10/05/2022

Note:

- C-DAC shall not be responsible for non-receipt / non-delivery or late receipt of the EoI documents due to any reason whatsoever.

The EoI document may be downloaded from the websites, www.cdac.in

For any technical clarification, please approach the following person(s):-

1. **Head, Technology Promotion Centre**
Centre for Development of Advanced Computing (CDAC)
Vellayambalam, Thiruvananthapuram, Kerala, India, 695033
Phone: 0471 2727508 Fax: 0471 2723456
Email: tpc@cdac.in Website: www.cdac.in

3. DISCLAIMER

1. Disclaimer

Centre for Development of Advanced Computing, Thiruvananthapuram (herein after called C-DAC (T)) has prepared this Expression of Interest Document (“EoI Document”) solely to invite prospective organizations for collaboration. While C-DAC (T) has taken due care in the preparation of information contained herein and believes it to be accurate, neither C-DAC or any of its Authorities or Agencies nor any of their respective officers, employees, agents or advisors give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in association with it.

2. This information is not intended to be exhaustive and interested parties are required to make their own inquiries in order to submit the EoI. The information is provided on the basis that it is non-binding on C-DAC, any of its authorities or agencies or any of their respective officers, employees, agents or advisors.
3. C-DAC reserves the right not to proceed with the EoI process at any stage without assigning any reasons thereof, or to alter the time table reflected in this document or to change the process or procedure to be applied. It also reserves the right to decline to discuss the EoI further with any party submitting an EoI.
4. C-DAC will not be liable to pay/reimburse any cost/losses/expenses/penalties/damages of whatsoever nature to any person (s)/entity (ties) submitting the EoI.
5. This EoI Document is neither an agreement nor an offer and is only an invitation by C-DAC (T) to the entities that are qualified to submit their Expression of Interest Proposal as stated in the Notice Inviting EoI.
6. The purpose of this Notice Inviting EoI Document is to provide interested applicant’s with information to assist the formulation of their Proposal.
7. The issue of this EoI does not imply that C-DAC (T) is bound to select an agency.

4. INTRODUCTION

Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY) for carrying out R&D in IT, Electronics and associated areas. Different areas of C-DAC, had originated at different times, many of which came out as a result of identification of opportunities. C-DAC has today emerged as a premier R&D

organization in IT&E (Information Technologies and Electronics) in the country working on strengthening national technological capabilities in the context of global developments in the field and responding to change in the market need in selected foundation areas.

C-DAC (T) has expertise in the design of VLSI Systems, ASIC, IP development, microprocessor, microcontroller and DSP hardware and software technologies, which form the key building blocks in many industrial and strategic technology areas. C-DAC has designed, deployed and transferred manufacturing technology for numerous large scale electronics systems as well as small footprint VLSI and Embedded System Products for applications ranging from Supercomputing, Energy Measurement, Personal Computing, Medical appliances, Power and Process control, Wireless Broadband, Sonar and Acoustic detection, etc.

C-DAC is the implementing agency of the Microprocessor Development Programme (MDP) initiated and funded by the Ministry of Electronics and Information Technology (MeitY), Govt. of India. The mission and objective of MDP is to design and develop indigenously, a family of Microprocessors, related IPs and the complete ecosystem to enable fully indigenous product development that meets various requirements in the strategic, industrial and commercial sectors. The project has been conceived considering the growing need in India to attain self-sufficiency in many sectors, especially in the electronics sector. As an emerging super power, India is growing rapidly and automation and digitalization plays a vital role. The digital technologies are heavily dependent on electronic devices which are either imported or built on parts originating from foreign countries. The Microprocessors which form the core component of any electronic equipment are entirely imported from foreign countries.

As part of the Microprocessor Development Programme, C-DAC has successfully completed the development of the VEGA series of microprocessors in soft IP form, viz. 32-bit single-core (in-order), 64-bit single-core (in-order & out-of-order), 64-bit dual-core (out-of-order), and 64-bit quad-core (out-of-order). These high performance processors are based on the open source RISC-V Instruction Set Architecture with Multilevel Caches, Memory Management Unit and Coherent Interconnect.

Multiple SoCs based on these processors are in advanced stage of ASIC implementation. C-DAC has already taped out a SoC based on 32-bit Single Core VEGA processor called THEJAS32. A 64-bit single core processor based SoC and a 64-bit dual core processor based SoC (DHRUV64) will be taped out soon followed by a 64-bit quad core processor based SoC(DHANUSH64). The SoCs will be realized, integrating in-house developed silicon proven peripheral IP targeting various applications. Strategic, Industrial, Automotive, Health, Consumer, etc are some of the application areas.

Objective: The objective of this EoI is to solicit proposals from the interested parties who wish to convert their existing product/solutions/ideas to indigenous VEGA Processor based System-on-Chip (SoC) and product development.

C-DAC invites Expression of Interest (EoI) from Indian companies/firms (Applicants) having experience in Design, Development & Commercialization of electronic products and wish to be considered for short listing and partnering with C-DAC for the co-development of

1. VEGA Processor based custom SoC development and subsequent product development, sales and marketing.
2. THEJAS32 SoC based product development, sales and marketing.
3. Electronic Product development using soon to be taped out DHRUV64 and DHANUSH64 SoCs.

C-DAC will partner with these firms based on their experience and interest in joint development of VEGA Processor based SoC tailored to be used in the existing products/solutions of these firms. The firms will be a partner with C-DAC for various SoC development and subsequent deployment of these SoC in electronic products. C-DAC will also partner with firms who wish to migrate / develop products based on THEJAS32, DHRUV64 and DHANUSH64 based SoCs.

They should be suitably equipped to co-create along with C-DAC and provide the requisite resource for the proposed development.

Please note, this is the first stage of a multi-stage Design, Development & deployment process. The objective of this Request for EOI is to identify and pre-register eligible applicants who are

1. Interested in jointly developing custom SoCs using VEGA processors
2. Electronic product development and deployment using THEJAS32, DHRUV64 and DHANUSH64 SoCs

In view of this, Expression of Interest (EoI) are invited in sealed envelope superscripted as **<Expression of Interest – Collaborative Partner for VEGA Processor based SoC and Product development >**.

- a. From the applicants who meet the eligibility criteria as set out in Section 5.1,
- b. Agree to abide by the terms and conditions contained in this Request for EoI document without any condition.

4.1 WHO CAN APPLY

Companies (including Private Limited Companies, PSUs, MSMEs and start-ups), R&D institutions (comprising academia, research institutes, R&D organizations and companies), firm, partnership firms working in niche technologies in India and having requisite expertise in R&D/contract research registered under the Companies Act, 2013/the Partnership Act, 1932, Limited Liability Partnership Act, 2008 and Autonomous body, Education/Research institution, duly approved Trust registered under Trusts Act, and society registered under Societies Registration Act and who have their

registered offices in India.

4.2 SCHEDULE FOR EOI

Table 1 : Schedule for Bid invitation

1	Name and Address	Head, Technology Promotion Centre Centre for Development of Advanced Computing (CDAC) Vellayambalam, Thiruvananthapuram, Kerala, India, 695033 Phone: 0471 2727508 Fax: 0471 2723456 Email: tpc@cdac.in Website: www.cdac.in
2	Email for soft copy submission	tpc@cdac.in
3	Closing Date	10/05/2022
3	Name of the Contact Person for any clarification	Head, Technology Promotion Centre Centre for Development of Advanced Computing (CDAC) Vellayambalam, Thiruvananthapuram, Kerala, India, 695033 Phone: 0471 2727508 Fax: 0471 2723456 Email: tpc@cdac.in Website: www.cdac.in

4.3 MODES OF ENGAGEMENT

In order to meet the stated objective, C-DAC invites EoI from the Companies (including private limited companies, PSUs, MSMEs and start-ups), R&D institutions (comprising academia, research institutes, R&D organizations and companies), Firms, Partnership Firms, Trusts, Societies working in niche technologies in India and having requisite expertise in R&D/contract research for doing collaborative innovation as detailed below in the following modes subject to GFR 2017 and CVC guidelines.

Collaborative R&D -

1. Collaborative development of VEGA processor based custom SoC development in consortium mode in which the R&D proposal will be funded by third party clearly indicating the financial share and deliverables of each consortium partner a-priori and approved by the funding agency.
2. Collaborative development of VEGA processor based SoC and product developments in consortium mode in which the proposal will be funded by consortia partner and jointly develop solution/product. It will have revenue sharing model decided in advance based on the present valuation of the technology of the respective partners and value added to it by the respective

partners for making commercially viable product/solution.

Co-development -

1. Co-development of products based on VEGA processor based SoCs THEJAS32, DHRUV64 and DHANUSH64.

4.4 ROLES OF PARTNER

1. Collaborative R&D

a. Augment C-DAC's capabilities through own expertise in electronic product development and to submit plans with financials for collaborative R&D/finding funding agencies/submitted proposal as detailed above to the funding agency.

b. The collaborative R&D could be in the form of joint R&D work in the field of VEGA processor based SoC and product development on assignment basis/long term basis through long term tie ups.

c. Collaborative R&D in consortium mode. Any IPR that exists with the collaborators prior to the commencement of the work remains with the respective institution. The solutions developed under this collaboration will be under the joint IPR of C-DAC and Collaborator.

1. In a consortium mode C-DAC along with other public/private parties can collaborate based on single/multi-party agreement, the funds provided by third party/ies. The share of funds receivable by all collaborators/consortium members will be a-priori reflected in the proposal and approved by the funding agency.

2. Co-development

a. Under Co-development the partner will have to submit their ideas/proposal for product development using VEGA processor based SoC along with their plans for commercialization of the same.

b. Once proposals are obtained, C-DAC will sign NDA with respective collaborators.

c. Partner would be identified based on the idea chosen. There could be more than one partner on variant ideas based on expertise.

d. The partner should have expertise in electronic product development, manufacturing, sales, marketing etc.

4.5 ROLES OF C-DAC

1. To discuss and provide access to the present strength of C-DAC and jointly work with the collaborator for R&D in RISC-V VEGA Processor based SoC development, product development in new areas/submit joint projects clearly indicating the roles, financial and deliverables of each partner.
2. Undertake meaningful research in the application of VEGA Processor based SoC in the domain and achieve a marketable product/solution/technology.
3. C-DAC will be responsible for integrating the IP provided by the partner for the specific product application with the VEGA Processors and subsequent SoC development and fabrication.
4. Co-development of products and solution using VEGA based SoC in a mutually agreeable manner
5. Co-create conducive working relationship with partners to further research agenda and build business.
6. C-DAC to support with necessary tools, documents and development boards for product development.
7. Assist/facilitate in collaborator marketing/proliferation activities such as tradeshow, campaigns and other promotional activities.
8. Back-end technical support will be provided by C-DAC to the collaborators as agreed.
9. Co-ordinate with collaborators to create and execute business plans.
10. Address collaborator related issues in a timely manner.

4.6 APPLICANT'S ELIGIBILITY CRITERIA

This process is open to all applicants who fulfill the Qualification criteria as set out in Section 5.1 of this document. The applicants should furnish information on the lines of Section 5.1 in their EoI proposal.

5. INSTRUCTION TO APPLICANT'S

The EoI is to be submitted in the manner prescribed below. All information as detailed below is to be submitted in hard copy in sealed envelope and soft copy through mail.

1. Applicant's Expression of Interest (Format - 1)
2. Organizational Contact Details (Format - 2)
3. Experience of the Organization (Format - 3)
4. Financial Strength of the Organization (Format - 4)

5. Declaration (Format - 5)

6. Queries, if any, may be referred in writing to tpc@cdac.in which will be addressed via email/ through online meeting.

7. C-DAC reserves the right to decide upon the type of engagement and area/solution.

8. All collaborators are expected to exercise utmost caution while dealing with prospective clients on behalf of C-DAC so as not to misrepresent facts or give any inappropriate assurances.

9. In case of Collaborative Innovation Partners, a Non-Disclosure Agreement (NDA) will be signed prior to initiating technical deliberations.

10. Modification in Request for EOI document: At any time prior to the deadline for submission of EOIs, C-DAC may modify any part of this document. Such change(s) if any may be in the form of an addendum/corrigendum and will be uploaded in C-DAC website <https://www.cdac.in>. All such change(s) will automatically become part of this EOI and binding on all applicants. Interested applicants are advised to regularly refer the C-DAC's URLs referred above.

11. Pre-submission Meeting: No formal Pre-submission meeting has been planned for this EOI. However in case of any clarifications needed, they may send their clarifications by email.

12. Submission of EOI: The applicants may submit the EOI as per EOI Schedule. The C-DAC may ask applicants for clarifications or additional documents/ credentials at its discretion. Clarifications (if any) will be e-mailed to the applicants.

5.1 QUALIFICATION CRITERIA

Table 1: Qualification Criteria

Sl. No.	Pre- qualification criteria	Supporting Documents
1.	Applicant shall be a firm/company/partnership firm/trust/society/autonomous body registered under the Companies Act, 2013/the partnership Act, 1932, Limited Liability Partnership Act, 2008 or any other relevant Law, and who have their registered offices in India.	<ul style="list-style-type: none"> • Copy of certificate of incorporation, registration, partnership deed, if any.
2.	The applicant must have experience in Design & Development of electronics products especially, embedded, FPGA/CPLD/ASIC technologies. Applicant shall detail their experience in other field as well *	<ul style="list-style-type: none"> • Format- 3 Certificate by Authorized Signatory of the applicant or Company Secretary of the firm/organization and other similar documents.
3.	Applicant has to be profitable and should not have incurred losses in any of the last three (03) consecutive financial years *	<ul style="list-style-type: none"> • Format - 4 to be certified & validated by Chartered Accountant (CA) of the applicant with audited annual accounts.
4.	Applicant should not be blacklisted by any Central Govt. /State Govt./ PSU/Municipal Corporations/ other Govt. Bodies or anywhere else.	<ul style="list-style-type: none"> • Certificate signed by the Authorized Signatory.
5.	PAN, TAN, GST Registration Certificate.	<ul style="list-style-type: none"> • Copy of Certificate to be enclosed.

* Start-ups recognized by DIPP will be given waiver

6 EoI EVALUATION

1. Screening of EoI shall be carried out as per qualification conditions mentioned in this document and based on verification of testimonials submitted.
2. EoI will be evaluated for short listing based on a large number of parameters such as demonstrated experience of handling similar type of projects/products and number of projects, products completed in the relevant field, qualifications and core expertise of their manpower (especially in R&D) and presentation /proposal to the selection committee (if required).
3. Additional parameters like IPR's, patents granted, papers published, awards received, number of projects/products licensed and commercialized, total number of projects/products completed in the relevant field, etc. will also be considered.
4. C-DAC will take up references and reserves the right to pay due heed to the applicant's performance elsewhere and any past experience from C-DAC.
5. C-DAC reserves the sole right for selection of Collaborative Partners.
6. Willingness/proposal of financing the proposed innovation/research.

7 MINIMUM ELIGIBILITY CRITERIA

1. The applicant shall be a firm/company/partnership firm registered under the Companies Act, 2013/the partnership Act, 1932, Limited Liability Partnership Act, 2008 and Autonomous body, Education/Research institution, duly approved trust registered under Trusts Act, and society registered under Societies Registration Act, or any other relevant laws and who have their registered offices in India.
 2. The applicant must not be blacklisted or debarred by any Central Govt./State Govt./PSU/Municipal Corporations/other Govt. Bodies, as on date of submission of proposals.
 3. The applicant should have the necessary credentials and be suitably equipped to execute the activities envisaged in the indicative roles and responsibilities listed out.
 4. The prime responsibility lies with applicant associating with C-DAC as the work/activities can't be fully or partially sub-let to any other entity without prior approval and written consent of C-DAC.
- Note: The applicants should provide sufficient documentary evidence to support the eligibility criteria. C-DAC reserves the right to reject any proposal not fulfilling the eligibility criteria. If in the view of applicant, any exemption/relaxation is applicable to them from any of the eligibility requirements, under any rules/process/guidelines/directives of Government of India, applicant may submit their claim for the applicable exemption/relaxation, quoting the valid rule/process/guidelines/directives. In this case the applicant must submit necessary and sufficient documents along with the technical bid, in

support of their claim. The decision about granting the exemption/relaxation will be taken by the evaluation committee which is empowered to grant exemption/relaxation. The relevant and valid certificates in support of claim of exemption must be submitted as hard and soft copy.

8 STANDARD TERMS AND CONDITIONS

8.1 GENERAL TERMS AND CONDITIONS

1. Information shared with the collaborators cannot be shared with the third party unless agreed in writing by C-DAC.
2. Parties have the right to exit from the joint collaboration after the agreed time limit or within the period of agreement in case due progress as agreed is not adhered to/achieved.
3. NDA will be signed with all the collaborators.
4. Collaborators will not inform such arrangement/agreements to third party without the written consent of C-DAC.

5. Contract/Agreement

C-DAC will sign a NDA and contract/agreement with selected collaborators. The collaborator is required to give confirmation of the standard terms and conditions which will be part of the NDA and contract/agreement. Thereafter, the selected collaborator shall be required to sign a specific collaborative agreement with C-DAC.

C-DAC reserves the right to enter into the collaborative agreement with more than one applicant/collaborator for the same technology/thematic area, on same or different terms.

The agreement shall cover the following basic contents, terms and conditions (but not limited to), as given below:

- a. The purpose/objectives/targets to be achieved, under the collaborative activity.
- b. The deliverables of either party in terms of time period, technological/product development, business volume/sales – quantitative and financial.
- c. Contribution of either party towards tangible and in-tangible resources.
- d. Financial aspects.
- e. Details of IPRs and patents, if any.
- f. Other procedural and legal terms.
- g. The clauses of agreement will be as per GFR/CVC guidelines

6. Effective Date of the Contract/Agreement

On selection of EoI, successful collaborators will be issued a “Letter of Association (LoA)” specifying

the area of engagement.

The date of 'Letter of Association' would be deemed as effective date. In case a NDA and contract is to be signed by both the parties, the NDA and contract shall come into effect on the date of signatures of both the parties on the contract/agreement (Effective Date) or as agreed during negotiations. The performance of the services shall commence from the effective date of the contract/agreement.

7. Indemnification

The collaborator, its affiliates, shareholders, officers, directors, employees, agents, representatives, and customers shall keep C-DAC harmless from and against any and all costs, liabilities, losses, and expenses (including, but not limited to, reasonable fees of attorneys) arising out of any claim, suit, action or proceeding (each, an "Action"), for any act(s) and omissions of such party under any proposal(s) to prospective client(s) or any resulting contract(s), or any infringement of existing laws, rules and regulations there from or any incidental matter or in any way arising there from.

8. Law

The collaboration shall be considered and made in accordance with the law of Republic of India and shall be governed by and interpreted in accordance with the law of Republic of India.

9. Arbitration

All disputes or differences arising out of or in connection with the Contract/Agreement shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract/Agreement or relating to performance, which cannot be settled amicably within sixty (60) days, then same shall be resolved by arbitration in accordance with following provisions: A party to the Contract/Agreement may refer the dispute for arbitration to Executive Director, C-DAC, Trivandrum, C-DAC who may appoint an independent sole Arbitrator as per the provisions of Arbitration and Conciliation, Act, 1996 as amended from time to time and the proceeding shall be conducted in accordance with procedure of Arbitration & Conciliation Act, 1996. The Language of Arbitration shall be English and venue shall be Trivandrum. Initially the cost of arbitration shall be borne equally by both the parties and finally as per the decision of the arbitrator. Any other costs or expenses incurred by a party in relation to the arbitration proceedings shall ultimately be borne by the party as the arbitrator may decide. The Courts of Trivandrum shall have the sole jurisdiction to try and entertain the disputes which are not covered under the ambit of arbitration.

10. Right to Amend/Cancel

- a. C-DAC reserves the right to amend the eligibility criteria, scope of supply, technical specifications etc.
- b. C-DAC reserves the right to cancel the entire EoI without assigning any reasons thereof.

11. Termination of Contract/Agreement

C-DAC shall have the right to terminate the contract/agreement in part or in full in any of the following cases:

- The service is not received as per the conditions in contract/agreement.

- Breach of any of the conditions of the contract/agreement.
- The collaborator is declared bankrupt or become insolvent.
- Based on decision of the arbitrator.

12. Penalty for Use of Undue Influence

The applicant undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of C-DAC or otherwise in procuring the Contract/Agreement or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the Contract/Agreement or any other contract/agreement with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the Contract/Agreement or any other contract/agreement with the Government of India. Any breach of the aforesaid undertaking by the applicant or anyone employed by him or acting on his behalf (whether with or without the Knowledge of the applicant) or the commission of any offence by the applicant or anyone employed by him or acting on his behalf, as defined in Chapter 9 of the Indian Penal Code, 1860 or the Prevention of Corruption Act 1986 or any other Act enacted for the prevention of corruption shall entitle C-DAC to cancel the contract/agreement and all or other contract/agreements with the applicant and recover from the applicant the amount of any loss arising from such cancellation. A decision of C-DAC to the effect that a breach of the undertaking had been committed shall be final and binding on the applicant, giving or offering of any gift, bribe or inducement or any attempt at any such act behalf of the applicant towards any officer/employee of C-DAC or to any other person in a position to influence any officer/employee of C-DAC for showing any favour in relation to this or any other contract/agreement, shall render the applicant to such liability/penalty as C-DAC may deem proper, including but not limited to termination of the contract/agreement, imposition of penal damages, and refund of the amount paid by C-DAC.

13. Intellectual Property Rights (IPR)

C-DAC holds the Intellectual Property Rights (IPRs) pertaining to the R & D in these areas. C-DAC reserves the right to hold these IPRs with them. The use of these IPRs will be allowed only for the purpose stipulated in the agreement to be signed for collaborative activity. The IPRs generated during the collaborative activity, will be shared as per the mechanism devised by /approval of MeitY, the administrative Ministry of C-DAC.

14. Selection of Collaborators

The interested applicant may submit their proposal for any one or more technologies, mentioned above. However, it is essential for the applicant to comply with the eligibility requirement/s for which the proposal is submitted. The applicant should take utmost care to submit the necessary and sufficient documents in support of the eligibility requirements. C-DAC reserves the right to accept/reject the proposal of R&D with any party/for any area.

15. Period of Collaboration

The period of collaborative activity shall be mutually decided.

16. Preparation of Proposals

Applicant should avoid, as far as possible, corrections, overwriting, erasures or postscripts in the proposal documents. In case however, any corrections, overwriting, erasures or postscripts have to be made in the proposals, they should be supported by dated signatures of the same authorized person signing the proposal documents. However, applicant shall not be entitled to amend add/delete/correct the clauses mentioned in the entire application.

17. Technical Presentation

Subsequent to submission of proposals, the Evaluation Committee of C-DAC may ask the prospective collaborators to give a detailed presentation, covering following points:

- a. Nature of solutions/technologies, R & D activities undertaken by the applicant
- b. Knowledge, skills, expertise of applicant pertaining to solutions/technologies, for which proposal is submitted
- c. Achievements, awards won, etc.
- d. Plan/methodology for executing the proposal submitted.
- e. Details of R&D required from C-DAC

18. Proposal Opening & Evaluation of Proposals

- a. The proposals will be evaluated in two steps.

The proposals will be examined based on eligibility criteria stipulated to shortlist the eligible applicants.

The technical proposals of only the short listed eligible applicants shall be evaluated based on overall credentials, capability, experience, expertise and resources available with the applicant.

- b. The proposals will be evaluated for short listing inter alia based on a large number of parameters such as demonstrated experience of handling similar type of project and number of projects completed in the relevant field, qualifications and core expertise of their manpower, financial strength of firm, and presentation/proposal to the selection committee (if required).

- c. Additional parameters like patents granted, papers published, awards received, number of projects/processes licensed and commercialized, total number of projects completed in the relevant field, etc. will also be considered for R&D institutions and companies.

- d. C-DAC will take up references and reserves the right to pay due heed to the applicant's performance elsewhere and any past experience from C-DAC.

- e. C-DAC reserves the sole right for association/collaboration.

f. A duly constituted evaluation committee shall evaluate the proposals. The committee shall be empowered to take appropriate decisions on minor deviations, if any.

g. The applicant whose technical proposal is found to meet both the requirements as specified above will qualify for further processing.

23. Corrupt or Fraudulent Practices

a. It is expected that the applicants who wish to propose for this project have highest standards of ethics.

b. C-DAC will reject proposal if it encounters that the applicant recommended for award of contract has engaged in corrupt or fraudulent practices while competing for this contract;

c. C-DAC may declare the applicant ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the applicant has engaged in corrupt and fraudulent practices during the award/execution of contract.

24. Confidentiality

The applicant/collaborator and/or their personnel shall not, either during the term or after expiration of collaboration period under this RFP, disclose any proprietary or confidential information relating to the services, contract or C-DAC's business or operations without the prior written consent of C-DAC. The applicant/collaborator and/or their personnel shall not, either during the term or after expiration of this contract, undertake any public communication, press/media releases relating to the services, contract, or C-DAC's business or operations without the written consent of C-DAC. Information available on public domain is excluded from confidentiality clause. The selected collaborator will be required to sign a Non-Disclosure Agreement (NDA) with C-DAC towards the confidentiality requirements.

25. Force Majeure

The deliverables as specified in this document and the collaborative agreement, if and to the extent that, the financial contributions, the delay in performance or other failure to perform its obligations of either party, under the Agreement can be relaxed in case of Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.), acts of states/state Agencies, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion, strikes at collaborator's premises, Pandemic, Epidemic, Lockdown, Court Orders etc. or any other act beyond control of either party.

26. Assignment

Collaborator shall not assign, delegate or otherwise deal with any of its rights or obligation under this contract without prior written permission of C-DAC.

27. Severability

If any provision of this contract is determined to be invalid or unenforceable, it will be deemed to be

modified to the minimum extent necessary to be valid and enforceable. If it cannot be so modified, it will be deleted and the deletion will not affect the validity or enforceability of any other provision.

9 ANNEXURE 1

FORMATS FOR SUBMISSION APPLICANT'S EoI (FORMAT - 1)

To
Executive Director
C-DAC, Vellayambalam
Trivandrum - 695033

Subject: Submission of EoI for Collaborative Partner for VEGA Processor

Dear Sir,

In response to the Invitation for Expression of Interest (EoI) published on C-DAC website for the above purpose, we would like to express interest for the same.

As instructed, we attach one set of the following documents in a sealed envelope and soft copy through mail:

1. Brief description of the proposed idea for Collaborative R&D/ Co-development
2. Organizational details (Format - 2)
3. Experience in related fields (Format - 3)
4. Financial strength of the organization (Format - 4)
5. Declaration (Format - 5)

Sincerely Yours,

Signature of the Competent Authority (with date)

_____ (full name)

_____ (designation)

Stamp & Date

Encl.: As above.

Note

This is to be furnished on the letter head of the organization.

ORGANIZATIONAL DETAILS (FORMAT - 2)

Sl. no.	Organizational Contact Details	
1.	Name of the organization/year of establishment	
2.	Main areas of work	
3.	Type of organization firm/company/partnership firm registered under the Indian Companies Act, 1956/the partnership Act, 1932 etc.	
4.	Whether the Applicant has been blacklisted by any Central Govt./State Govt./PSU/ Govt. Bodies/Autonomous/Anywhere else? If yes, details thereof.	
5.	Address of registered office with telephone no. & fax	
6.	Name of the Contact Person with Telephone No. Mobile No. Email Id	
7.	Organization chart	
8.	Registration copy with any Govt/Govt undertaking Companies (if any)	
9.	Accreditation Details ISO/CMM	

Enclose:

1. Copy of Certificate of Incorporation.
2. Copy of Article of Association in respect of #3 above.
3. Undertaking in respect of #4 above.

Signature of the Applicant / Authorized Signatory

(Full name of the Applicant / Authorized Signatory)

Stamp & Date

EXPERIENCE OF THE ORGANIZATION (FORMAT - 3)

Experience in implementation of solutions similar to design/deployment of products/solutions/technologies				
Sl. No.	Items	Vertical/Area of Work	Number of assignments during last five (05) years	Order Value of each assignment in Lakhs of INR (<i>enclose copy of each order</i>)
1.	Experience of assignments of similar nature			
2.	Experience in carrying out similar assignments in Government/public sector			
4.	Provide annual turn over details for the last three (03) consecutive financial years, It should be a CA certified document with name of CA registration number, signature and stamp.			
5.	Balance sheet and Income tax details for last three (03) years of the organization certified and stamped by CA.			

Signature of the Applicant / Authorized Signatory

(Full name of the Applicant / Authorized Signatory)

Stamp & Date

FINANCIAL STRENGTH OF THE ORGANIZATION (FORMAT - 4)

Sl.No.	Financial Year	Whether profitable Yes/No	Annual net profit	Overall annual turnover
1.				
2.				
3.				

Note: Please enclose auditor's certificate in support of your claim for last three years.

Signature of the Applicant / Authorized Signatory

(Full name of the Applicant / Authorized Signatory)

Stamp & Date

DECLARATION (FORMAT - 5)

Declaration

We hereby confirm that we are interested for collaboration for **VEGA Processor** based SoC and Product development as per your EoI. All the information provided herewith is genuine and accurate.

Authorized Person's Signature

Name: _____

Designation: _____

Date of Signature: _____

Stamp

Note: The declaration is to be furnished on the letter head of the organization.