

...यदि आप में नवोन्मेष के प्रति उत्साह है...  
...तो सहभागिता हेतु आपका स्वागत है...



सीएसआईआर

## नई सहस्राब्दि भारतीय प्रौद्योगिकी नेतृत्व पहल

सीएसआईआर नवोन्मेषोन्मुख उद्योग को उत्प्रेरित कर रहा है  
तथा समावेशी आर्थिक विकास को समर्थ बना रहा है

### उद्योग जनित अनुसंधान एवं विकास संकल्पना प्रस्तावों हेतु आमंत्रण

सीएसआईआर की नई सहस्राब्दि भारतीय प्रौद्योगिकी नेतृत्व पहल (सीएसआईआर-एनएमआईटीएलआई) में यह परिकल्पना की गई है कि अनुसंधान एवं विकास/शैक्षणिक संस्थान और उद्योग भागीदारी को टीम इंडिया की भावना से सहजीवी बढ़ावा एवं प्रोत्साहन दिया जाए ताकि भारतीय उद्योग चुनिंदा क्षेत्रों में अंतर्राष्ट्रीय तौर पर नेतृत्व कर सकें। यह कार्यक्रम राष्ट्रीय संकल्प का द्योतक है। यह नवोन्मेषी परियोजनाओं के व्यवस्थित विकास एवं क्रियान्वयन द्वारा ठोस प्रौद्योगिकीय विचारों को वास्तविकता में परिवर्तित करता है ताकि वांछित उद्देश्य प्राप्त किए जा सकें।

### आमंत्रण

उद्योगों से अनुसंधान एवं विकास संकल्पना परियोजना प्रस्ताव निर्धारित फॉर्मेट (सीएसआईआर की वेबसाइट: [www.csir.res.in](http://www.csir.res.in) पर उपलब्ध) में आमंत्रित किए जाते हैं। ऐसा प्रस्ताव संक्षिप्त (अधिकतम 5 पृष्ठ) एवं स्पष्ट होना चाहिए जिसमें निर्धारित उद्देश्यों की प्राप्ति के लिए अन्यो के साथ-साथ विशिष्ट उद्देश्य, संकल्पना की नवीनता और बौद्धिक संपदा अधिकार की दृष्टि से स्थानानुयुक्त प्रौद्योगिकी नेतृत्व परिप्रेक्ष्य, परिकल्पित अनुसंधान एवं विकास तथा बाजार में उत्पाद का स्थापन, उद्योग के पास उपलब्ध विशेषज्ञता तथा अनुसंधान एवं विकास/अकादमिक संस्थानों से अपेक्षित नेटवर्किंग शामिल हो।

### सीएसआईआर की ओर से समर्थन

- ऐसी परियोजना को विकसित और क्रियान्वित करने हेतु देश में उपलब्ध अंतर्राष्ट्रीय मान्यता प्राप्त पीयरों का विशिष्ट मार्गदर्शन;
- नवीन क्रियाविधि के माध्यम से ऐसी संकल्पनाओं को सिद्ध करने और अभिनिर्धारित प्रौद्योगिकियों को विकसित करने हेतु आकर्षक वित्तीय सहायता; और
- देश की सर्वोत्तम अनुसंधान एवं विकास क्षमताओं का पता लगाना और उनके साथ भागीदारी करना।

### पात्रता

भारत में पंजीकृत कंपनियां जिनके पास; (i) 50% से अधिक भारतीय शेयरधारिता हो; अथवा (ii) 50% से कम भारतीय शेयरधारिता सहित भारत में विनिर्माण की सुविधाएं हों।

**अंतिम तारीख:**  
**दिसम्बर 05, 2016**

प्रस्ताव निम्नांकित पते पर भेजें:

**प्रमुख, मिशन निदेशालय**

**वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद (सीएसआईआर)**

अनुसंधान भवन, 2 रफी मार्ग, नई दिल्ली-110001

ई-मेल: [nmitli@csir.res.in](mailto:nmitli@csir.res.in)



...If you've passion for innovation...  
...then we're looking for your participation...



## New Millennium Indian Technology Leadership Initiative

**CSIR Catalyzing Innovation-Driven Industry  
and Enabling Inclusive Economic Development**

### CALL FOR INDUSTRY ORIGINATED R&D CONCEPT PROPOSALS

CSIR's New Millennium Indian Technology Leadership Initiative (CSIR-NMITLI) envisages symbiotic promotion and fostering of R&D/Academic Institution and Industry Partnership in a Team-India spirit to enable Indian industry attain global leadership position in selected areas. The programme is backed by national determination. It turns sound technological ideas into reality through systematic development and operationalization of innovative projects for realizing desired objectives.

### THE INVITATION

Concept proposals aimed at desired R&D are invited from industries in the prescribed format (available at the CSIR website: [www.csir.res.in](http://www.csir.res.in)). The proposal should clearly bring out in brief (not exceeding 5 pages) among others: specific objectives, concept novelty and technology leadership perspective including positioning from the angle of IPR, envisaged R&D and product placement in marketplace, expertise available with the industry and the networking sought with R&D/Academic institution(s) to achieve the objectives set in the proposal.

### CSIR SUPPORT

- Expert guidance of internationally recognized peers in the country in developing and implementing the project;
- Attractive financial assistance in proving the concept and developing the identified technologies through a novel mechanism; and
- Locating and forging partnership with the best R&D competencies in the country.

### ELIGIBILITY

Companies registered in India having: (i) more than 50% Indian shareholding; or (ii) less than 50% Indian shareholding along with manufacturing facilities in India.

**LAST DATE:  
December 05, 2016**

Proposals may be sent to:  
Head, Mission Directorate  
**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH (CSIR)**  
Anusandhan Bhawan, 2 Rafi Marg, New Delhi - 110001  
E-mail: [nmitli@csir.res.in](mailto:nmitli@csir.res.in)

## सीएसआईआर-एनएमआईटीएलआई परियोजना हेतु प्रपत्र

1. प्रस्तावना
2. कार्यकारी सार (दो पृष्ठों से अधिक न हो)
3. परियोजना का शीर्षक
4. प्रस्तावना/पृष्ठभूमि
5. मूलाधार जिसपर मौजूदा प्रस्ताव आधारित है तथा इस परियोजना को प्रारंभ करने का औचित्य
6. परियोजना का उद्देश्य
7. वर्तमान स्थिति (आईपीआर स्थिति सहित राष्ट्रीय एवं अंतरराष्ट्रीय - अनुसंधान एवं विकास और उद्योग - विकासों की वर्तमान स्थिति का संक्षिप्त ब्यौरा दें)
8. प्रस्ताव की नवीनता
9. प्रस्तावित कार्य योजना – परियोजना घटकों, समय सीमा सहित प्रत्येक घटक की कार्य योजना का ब्यौरा दें
10. संस्थानों/प्रयोगशालाओं की क्षमताओं सहित उनकी नेटवर्किंग
11. वार्षिक उपलब्धियों सहित प्रदेय
12. मॉनीटर की जाने वाली उपलब्धियां (प्रत्येक छह माह हेतु दें)
13. बौद्धिक संपदा अधिकार (इस परियोजना से नए आईपीआर का विकास करने की संभावनाओं को संक्षेप में दर्शाएं)
14. नेतृत्व परिप्रेक्ष्य - प्रौद्योगिकी के वैश्विक संस्थापन तथा परिणामी नेतृत्व स्थिति और देश को होने वाले आर्थिक लाभ का संक्षिप्त रूप में वर्णन करें
15. व्यवहार्यता विश्लेषण
16. बजट आवश्यकताएं (समग्र एवं विशेष संस्थान/प्रयोगशाला तथा वर्ष-वार ब्यौरा जिसमें जनशक्ति, उपभोज्य, यात्रा, आकस्मिक व्यय, उपरिव्यय [सिर्फ गैर सीएसआईआर प्रयोगशालाओं के मामले में], अन्य [यदि कोई हो] और औचित्य सहित उपस्कर की आवश्यकता)

व्यय का शीर्ष	प्रथम वर्ष	द्वितीय वर्ष	तृतीय वर्ष	जोड़
<b>आवर्ती</b>				
*परियोजना जनशक्ति				
उपभोज्य				
यात्रा				
आकस्मिक व्यय				
उपरिव्यय				
<b>अनावर्ती</b>				
उपस्कर एवं आनुषंगिक				
<b>जोड़</b>				

\*इस परियोजना के साथ समाप्त होने वाली अस्थायी जनशक्ति



## **PROFORMA for CSIR-NMITLI Project(s)**

1. Preamble
2. Executive Summary (not more than two pages)
3. Title of the project
4. Introduction / Background
5. Premises / Rationale on which the present proposal is based and Justification for taking up the project
6. Objectives of the project
7. Current Status (give brief details of present status of developments - R&D and industry - nationally and internationally including IPR status)
8. Novelty of the proposal
9. The proposed work plan - give details of project components, work plan of each component along with time frame
10. Networking of the institutions / laboratories along with their capabilities
11. Deliverables with yearly milestones
12. Milestones to be monitored (give for each six months)
13. IPR (briefly project the possibility of developing new IPR from this project)
14. Leadership perspective-briefly describe the global positioning of the technology and resultant leadership position and economic benefits to the country
15. Viability Analysis
16. Budget requirements (total as well as individual institutions / laboratory along with year wise break-up covering manpower, consumables, travel, contingencies, overheads (only in case of non-CSIR labs), Others (if any) and equipment requirement with justification

Head of Expenditure	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
<b><i>Recurring</i></b>				
*Project Manpower				
Consumables				
Travel				
Contingencies				
Overheads				
<b><i>Nonrecurring</i></b>				
Equipment & Accessories				
<b>Total</b>				

\*Temporary manpower co-terminus with the project.

## **Step-wise procedure for developing Industry originated projects under NMITLI**

### **I. Soliciting conceptual ideas/proposals**

- 1) Through press advertisement in leading national newspapers inviting expression of interest (in the form of ideas/conceptual proposals) from Indian industry under the scheme;
- 2) Letters from DG, CSIR to established / leading Indian industries (at least 100) inviting conceptual ideas/proposals for support under the scheme.

### **II. Development of conceptual proposals in to projects**

- 1) Compilation of the conceptual ideas/proposals received within the specified time;
- 2) *Prima facie* evaluation of the conceptual ideas/proposals for their conformance to NMITLI objectives by a committee of experts drawn from different fields (set up by DG, CSIR);
- 3) Assessment of short listed conceptual ideas/proposals by a committee of eminent technical domain experts (minimum of 3 experts) rated on 1 to 10 scale for further consideration and examination;
- 4) Selection of top rated one or two ideas based on average rating by a minimum of 5 in each broad area;
- 5) Development of selected idea/conceptual proposal into project proposal with the guidance of national experts and concerned industry partner.

### **III. Approvals**

- 1) The final project proposal as developed will be submitted to the High-Powered Committee for consideration and recommendation;
- 2) The project proposal along with HPC recommendations will then be put up to DG, CSIR/SFC/GB for final consideration and approval.

### **IV. Eligibility**

- 1) Companies registered in India and having more than 50% of shareholding by Indians/Non-resident Indians or less than 50% shareholding by Indians/Non-resident Indians but with manufacturing base in India.

- 2) The Company must have an R&D Centre, registered with the Department of Scientific and Industrial Research (DSIR), Government of India. If not, the designated firm to undertake steps to get its R&D Centre recognized within 12 months.
- 3) Up to two projects of any company will be supported under the NMITLI Scheme at any given time.

**V. Financial Support**

- 1) The financial support is in the form of grant-in-aid to the institutional partners in public domain and as soft loan with 3% interest to the private sector industrial partners having more than 50% of shareholding by Indians/Non-resident Indians and with 5% interest to the private sector industrial partners having less than 50% shareholding by Indians/Non-resident Indians but with manufacturing facilities in India. First year's support to each of the partner is released by CSIR after signing of the agreement.
- 2) The repayment of the loan component as well as interest by the industry partners is in 10 equal yearly installments and recovery should commence within six months of the completion of the project.



## **Terms and Conditions for the Loan under the NMITLI Scheme**

1. The loan will be given by CSIR to the Industrial Partner in installments, the first one on signing of the Agreement and the subsequent installments on satisfactory progress of the project as determined by the Monitoring Committee of the project.
2. The general terms and conditions of the loan are:
  - 2.1 The loan will be an unsecured loan carrying a simple interest of 3% or 5% per annum (as the case may be) on the outstanding amount of the loan.
  - 2.2 Interest will become due from the date of release of funds to industrial partners.
  - 2.3 The repayment of the loan will be in 10 annual equal installments.
  - 2.4 The project implementation period will be the moratorium period and will not be liable for repayment of installments and interest. However, the interest accrued during the implementation period will be amortized and will be payable in a maximum of 1 to 5 installments.
  - 2.5 The interest will be payable every year along with the loan installment of repayment.
  - 2.6 The Industrial Partner will ensure timely repayment of the loan along with installment of interest as per the schedule notified. Any delays in repayment will entail payment of penal interest @ 12% P.A. compounded monthly for the period of delay. Two successive defaults will entail recall of the total outstanding loan immediately.
  - 2.7 The Industrial Partner will maintain a separate account for the expenditure from loan amount for the project.
  - 2.8 The Industrial Partner will utilize the loan only for the purpose of the project and not for any other purpose including civil constructions & renovation of the R&D and associated facilities. Diversion of funds to other purposes will entail cancellation of the loan and immediate repayment of the outstanding loan amount with a penal interest @ 12% compounded monthly.
  - 2.9 The Industrial Partner will meet any expenditure incurred on the project over and above the loan amount.
3. The Industrial Partner must have an R&D Center, with valid recognition of Department of Scientific and Industrial Research (DSIR), Government of India; if it is not registered, the firm will undertake to get the R&D Center so

recognized within 12 months. Failing which, unless and otherwise the period is extended, the firm might be asked to return the loan amount.

4. The Industrial Partner will expressly commit not to transfer, sell; license the IPR arising from the project to any party without the written permission of CSIR.
5. In case the output of the project leads to products used in / for healthcare, educational R&D purposes, the Industrial Partner will undertake to sell these at concessional prices to Indian customers in these sectors.
6. In case of reorganization of the Industrial Partner through merger, acquisition, termination, closure etc., the Industrial Partner will undertake to settle the CSIR loan even prior to initiating such measures.
7. The provision of loan to industry partner does not create any liability explicit / implicit on CSIR of the manpower engaged for the project.
8. In case the Industrial Partner decides to abandon the project or for breach of any of the terms and conditions, the entire amount of the loan outstanding on that date shall become recoverable forthwith and it shall be open to CSIR to effect the recovery from the firm in any manner CSIR thinks fit.
9. In the event that industrial Partner wishes to pay any amounts ahead of the schedule, there shall be no prepayment penalty levied.
10. Notwithstanding anything contrary in the agreement, the terms & condition are subject to change as decided by the Government of India from time to time, the Industrial Partner agrees to abide and honor such directions and decisions of Government of India.