



ISO 9001:2015

**ARTIFICIAL LIMBS MANUFACTURING CORPORATION OF INDIA**  
**(A GOVERNMENT OF INDIA UNDERTAKING)**  
**UNDER UNION MINISTRY OF SOCIAL JUSTICE &**  
**EMPOWERMENT AN ISO 9001:2015 COMPANY, G T ROAD,**  
**KANPUR – 209217**

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EOI Ref. No.: PT/EOI/02/BA, dated 19.11.2022

**CALL FOR EXPRESSION OF INTEREST**

Artificial Limbs Manufacturing Corporation of India (ALIMCO) is a Schedule 'C' Miniratna Category II Central Public Sector Enterprises, registered under Section 8 (Not for Profit motive) of the Companies Act 2013, is functioning under the Administrative Control of Ministry of Social Justice & Empowerment, Department of Empowerment of Persons with Disabilities. It is 100% owned Govt. of India Central Public Sector Enterprises with an objective of benefiting the persons with disability to the maximum extent possible by manufacturing Rehabilitation Aids for persons with disabilities and by promoting, encouraging and developing the availability, use, supply and distribution of Artificial Limbs and other Rehabilitation Aids to the disabled persons of the country.

Having made significant and sustained progress in past, The company intends to undertake to establish modernized & technologically advanced “**Yarn Based Production Center at Tikamgarh, Madhya Pradesh**”.

ALIMCO thus invites EXPRESSION OF INTEREST FOR THE ENGAGEMENT OF A PLANT & MACHINERY CONSULTANT regarding designing & setting up of a modernized – technologically advanced “**Yarn Based Production Center at Tikamgarh, Madhya Pradesh**”.

**The approximate cost of Project is Rs. 8.29 Crores plus GST.**

Interested parties may visit our website [www.alimco.in](http://www.alimco.in) for details.

**Alok K Thakur**  
**Dy. General Manager (Projects)**

**Artificial Limbs Manufacturing Corporation of India (ALIMCO)**  
**G.T. ROAD, KANPUR – 209 217**



**REQUEST FOR EXPRESSION OF INTEREST**  
**FOR**  
**REGARDING DESIGNING & SETTING UP OF**  
a modernized - technologically advanced  
**“Yarn Based Production Center at Tikamgarh, Madhya Pradesh”**

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## Introduction to ALIMCO

ALIMCO set up in 1972 by Government of India for manufacture and distribution of Aids & Appliances for persons with disabilities has emerged as one of the largest manufacturers of Artificial Limbs and Rehabilitation Aids in India today. ALIMCO's Headquarter is located in Kanpur near IIT, Kanpur, it is working under the aegis of the Ministry of Social Justice & Empowerment, Govt. of India.

ALIMCO produces various categories of products with about several variants under the following heads:

- Orthotic and prosthetic appliances
- Mobility Aids
- Aids for hearing Impaired
- Aids for visually handicapped
- Aids for mentally challenged
- Fitment Tools and Equipment
- Assistive Devices for Leprosy affected Persons

ALIMCO has a wide reach and rich experience of working with various stakeholders in the Disability space in India

- Main manufacturing unit is in Kanpur, Uttar Pradesh along with five other Auxiliary production and four regional marketing centers spread across 8 cities.
- Works in the servicing space and conducts camps in association with various state governments, district authorities for fitting and distribution of aids and appliances.
- ALIMCO has registered impressive growth in its top line and bottom line over the past few years.

The key strengths of ALIMCO include:

- **Deep access to Indian market**  
Strong distribution and dealer network, complemented by experience of working with various government sponsored programs, bodies and policies.
- **Understanding of the local context**  
ALIMCO has In-depth understanding of the Indian disability space, including the unique requirements for localization of product features to ensure adoption.
- **Goodwill & social mandate**  
ALIMCO has a social mandate to provide quality Rehabilitation aids for the poor.

## Background to the request for EOI

The Corporation had carried out an internal exercise leading to a Preliminary Project Report )PPR (for establishing the Yarn based production center for products viz .Cervical Collar, LS Belt, Knee Brace, Spinal Support and other yarn based orthopedic support items at Tikamgarh which presently is being procured in high volumes.

In this context ALIMCO is inviting expression of interests from leading **PLANT & MACHINERY CONSULTANTS having expertise in providing consultancy of conceptualizing, designing, setting up and operationalizing Yarn based Orthopedic Support Products as explained above.**

The consultant shall be required to prepare & firm up detailed specifications of various Plant & Machineries, Production Line, Assembly Line, Storage & Warehouse and Prepare Work Centre wise Layout plan, Shop Layout Plan & RFPs etc. for the purpose of inviting tender for the procurement of required Plant & Machineries. The consultant shall also be responsible for establishment of Plant & Machineries, Production & Assembly lines, Utilities etc. along with Storage and Warehousing System including the material handling equipment (MHEs) after understanding the requirement of the Corporation.

## **OBJECTIVE OF THE EOI**

ALIMCO solicits expression of interests from leading **PLANT & MACHINERY CONSULTANTS** who shall be required to prepare & firm up detailed specifications of various Plant & Machineries, Production Line, Assembly Line, Storage & Warehouse and Prepare Work Centre wise Layout plan, Shop Layout Plan & RFPs for the purpose of inviting tenders for the procurement of required Plant & Machineries. The consultant shall also be responsible for establishment of Plant & Machineries, Production & Assembly lines, Utilities etc. along with Storage and Warehousing System including the material handling equipment (MHEs) after understanding the requirement of the Corporation.

The land where the production center is being planned is under process of acquisition by the Corporation. The setting up and operationalizing of the proposed Plant shall also require extensive program management and coordination with CIVIL Consultant engaged by ALIMCO.

## **BROAD SCOPE OF WORK OF P&M CONSULTANT**

The scope of complete P & M consultancy services as envisaged for the project is given as under:

- i) An in-depth study and gap analysis is required to be under taken by the consultant w.r.t. to the proposed Plant & Machineries as contained in the Preliminary Project Report vis-à-vis to ALIMCO present & future requirement.
- ii) To Study Preliminary Project Report (PPR) which has already been prepared regarding proposed Yarn based production Center at Tikamgarh and to prepare detailed Specifications of various Plant & Machineries, Production line, Assembly line, Utilities, Facilities, Storage & Warehouse System including the material handling equipment (MHEs) etc. Preparation of a detailed project report incorporating but not limited to the below details.
- iii) To prepare layout plan and work flow according to proposed work centers as contained in PPR for the purpose of inviting tender at ALIMCO, Kanpur and finalization of the same in consultation with ALIMCO team or its authorized representative (s).
- iv) To specify the requirement pertaining to utilities such as Power, Water, Air, Gas and others in order to facilitate designing of Electrical sub-station, Power Back up system, DG set, other utilities such as ETP, STP etc. by the CIVIL Consultant.
- v) Preparation of RFP / Tender documents in line with CVC/ GFR guidelines and ALIMCO Purchase Policy in respect of all procurement proposed based on the specifications finalized. All the plant & machineries proposed to be procured (indigenous/ imported) should be supported with detailed estimates & 2-3 budgetary quotes.
- vi) Bid evaluation i.e. Preparation of TC bid CSQ, P bid CSQs, recommendation and preparation of supply/ work contract and finalization in consultation with ALIMCO team.
- vii) To undertake Complete monitoring, supervision of erection and commission of the Order finalized based on above referred RFPs/ Tenders regarding all type of plant & machineries, facilities & material handling equipment and services etc.
- viii) To undertake site evaluation, analysis and impact of existing and/ or proposed and future requirement of ALIMCO.
- ix) Prepare conceptual designs with reference to ALIMCO's requirements etc. meeting industry standards, Government/ PWD norms if any along with rough cost estimates.
- x) Preparation of preliminary plant layout & drawings as per the requirements and to the satisfaction of ALIMCO. Preparation of design and drawings for:

- a) Functional / reference Design & drawings for the Plant wherever required to be given to bidder.
  - b) Modify the designs incorporating changes as required during the course of execution.
  - c) Graphic Design and Signage etc.
  - d) Any other works related to the establishment of work centers, storage, warehousing, utilities etc.
- xi) To undertake inspection and evaluation of erection & commissioning work of Plant & Machineries.
  - xii) The base station for the proposed work shall be ALIMCO Kanpur, however, the Consultant shall be required to visit the site of work at regular intervals.
  - xiii) The consultant shall wherever necessary, clarify, offer interpretation of the drawings/ specifications, attend conferences and meetings to ensure that the project proceeds generally in accordance to design and render advice on actions, if required.
  - xiv) Certification of work having been completed as per the design/drawings before handing over the same to ALIMCO.
  - xv) Prepare and submission of completion reports and drawings for the project as required and obtain "NOC/ Completion/ Occupancy Certificate" from statutory authorities, wherever required.
  - xvi) Issue two sets of as built drawings including services and structures.
  - xvii) India has a fair share of disabled poor, who can't pay for basic aids. ALIMCO has a social mandate to provide for them. Enabling the disabled poor with better Assistive Devices will give them relief and equip them with the tools to be productive. Lower costs will allow ALIMCO to be sustainable and fulfill its responsibilities. Therefore, the cost of the production of the products shall be at par or below the market rates of the comparative products, hence, the product cost arising out of the chosen manufacturing processes should help ALIMCO in keeping the planned products price, quality and technologically competitive.



## Response format

Expression of interest is solicited from interested firms, providing information in the following format:

S. No.	Criteria	Description
1.	Organizational Profile	Overview of the organization i.e. : i) TURNOVER : Last Five Years ii) Profit : during last 3 years iii) Solvency iv) Client Overview v) Manpower strength (on roll)
2.	Experience	A short description of firms experience in the P&M space along with profiles of key personnel.
3.	Financial track record	Financial parameters demonstrating firm's sustainability over 5 years preceding the date of submitting the EOI.
4.	Demonstrated success in Consultancy	Overview of demonstrated success in P&M CONSULTANCY pertaining to similar requirement i.e. establishment of Plant & Machinery and Production Line / Assembly line.  Kindly enclose list of at least three such clients with their complete contact details (e-mail, cell no.) and address etc.
5.	Overview of Technology, machinery and processes established during past.	Basic description of the type of technology, plant & machineries and production line, processes used in the establishment of Hi-Tech work centers and indicators of their cost effectiveness and efficiency.
6.	Relevant quality certification / accreditation	List of quality certification/ accreditations relevant to the relevant field.
7.	Details of implementation of any new/invented technology in Plant & Machinery, materials etc.	
8.	Details of Manpower (on roll) and profile of Key Personnel likely to be involved in the proposed P&M consultancy experts	

## Important dates and contact details

I.	EOI Document	Can be Downloaded from the website <a href="https://alimco.in/">https://alimco.in/</a>
II.	Office of issue:	Alok K Thakur, Deputy General Manager (Projects), Artificial Limbs Manufacturing Corporation Of India, (ALIMCO) G.T. Road, Kanpur – 209217
III.	EOI Document available from	1000 Hrs. on 19/11/2022
IV.	Pre-Bid Conference	The meeting shall be held in physical (Venue: ALIMCO Kanpur)/ virtual mode only on 28/11/2022 (11:00 Hrs to 13:30 Hrs)
V.	Feedback/ suggestions in written from Bidders up to	1600 Hrs. on 05/12/2022
VI.	Reply/ Clarifications from ALIMCO	1600 Hrs. on 12/12/2022
VII.	Last Date of Submission of EOI	22/12/2022
VIII.	Mode of submission of EOI	Scanned copy of the proposal along with the relevant documents duly stamped and signed by the authorized representative of the agency(ies) may please be sent to <a href="mailto:dgm_spc@alimco.in">dgm_spc@alimco.in</a> , <a href="mailto:gm_pc@alimco.in">gm_pc@alimco.in</a> and <a href="mailto:alimco@alimco.in">alimco@alimco.in</a>  <b>Proposals received after the last date shall not be considered.</b>
IX.	Period of validity of bids/ EOI	120 days from the last date of submission of EOI.
X.	Queries	In case of any query, the bidders should send such queries through email on <a href="mailto:gm_pc@alimco.in">gm_pc@alimco.in</a> or <a href="mailto:dgm_spc@alimco.in">dgm_spc@alimco.in</a>

**ALIMCO reserves the right to change the above dates at its discretion.**

Alok K Thakur,  
Deputy General Manager (Projects)  
Mobile: 9818894184

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