



ARTIFICIAL LIMBS MANUFACTURING  
CORPORATION OF INDIA



(A GOVERNMENT OF INDIA UNDERTAKING)

UNDER UNION MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT

AN ISO 9001:2008 COMPANY, G T ROAD, KANPUR – 209217 Ph:

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EOI Ref. No.: QC/EOI/01/AW Dtd. 04.04.2019

**CALL FOR EXPRESSION OF INTEREST**

Incorporated in the year 1972 , **ALIMCO**, a Govt. of India Undertaking functioning under the aegis of Ministry of Social Justice & Empowerment, is one of the largest player in the field of Manufacture & Distribution of Assistive Aids & Devices for Persons with Disabilities in India. The company has so far served more than 4.3 million beneficiaries spread across the country.

Having made significant and sustained progress in past, ALIMCO intends to expand market in order to serve more and more PwDs.

**ALIMCO THUS INVITES EOI (EXPRESSION OF INTEREST) FROM REPUTED ORGANIZATIONS/ AGENCIES/MANUFACTURERS FOR MANUFACTURING & SUPPLY OF THE EQUIPMENT/RIGS/DUMMIES TO PERFORM TESTS INCLUDED IN ISO 7176, PART 8 : STATIC, IMPACT & FATIGUE TESTS FOR WHEEL CHAIRS INCLUDING THE TEST DUMMIES AS PRESCRIBED IN ISO 7176, PART 11,16840-2**

LEADING Organizations / Agencies / Private Parties in the field, having capabilities to fabricate the test equipments, may send their proposal by writing to us giving complete details of their Business, product portfolio, reach, market cap etc.

Proposal can be sent by post / email at the above mentioned address so as to reach on or before 31<sup>st</sup> May 2019.

Dy. General Manager  
(Quality Control)

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



# **REQUEST FOR EXPRESSION OF INTEREST**

FOR  
MANUFACTURING & SUPPLY OF TEST  
EQUIPMENTS/RIGS/DUMMIES TO PERFORM TESTS INCLUDED IN  
ISO 7176, PART 8: STATIC, IMPACT & FATIGUE STRENGTH TESTS  
FOR WHEEL CHAIR INCLUDING TEST DUMMIES AS PER  
ISO:7176,PART 11& ISO 16840,PART2, FOR ALIMCO.

# REQUEST FOR EXPRESSION OF INTEREST

**FOR MANUFACTURING & SUPPLY OF THE  
EQUIPMENTS/RIGS/DUMMIES TO PERFORM TESTS INCLUDED IN  
ISO 7176, PART 8 : STATIC, IMPACT & FATIGUE TESTS FOR WHEEL  
CHAIRS INCLUDING THE TEST DUMMIES AS PERESCRIBED IN ISO  
7176, PART 11 ,ISO 16840,PART2**

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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 rehab aids in South Asia & Africa today. Headquartered in Kanpur, it is working under the aegis of the ministry of Social Justice & Empowerment, Govt. of India.

ALIMCO produces 35 categories of products with about 355 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 field of Disability in India

The company has provided for more than 4.30 million beneficiaries, covering geographical area of 3.28 million Sq. Kms. encompassing 600 districts & 5500 blocks within 36 States/Union territories in India.

Main manufacturing unit is in Kanpur, Uttar Pradesh along with auxiliary production and 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 with FY 2016-17 sales of INR Rs.235 Crores (Y-o-Y growth 24.10% from Rs. 189.35 Crores to Rs. 235 Crores) with a CAGR of 23.49% over five 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 disability aids for the poor. Over time it has built considerable goodwill and reputation in the disability space.

# **Background to the request for EOI**

Corporation is in the process of transfer of technology for upgradation of standard of life of the physically challenged by providing them with state of the art artificial limbs, devices & calipers.

In order to achieve this objective ALIMCO is constantly upgrading its products with a goal to obtain ISO 13485 certification for medical devices in order to achieve medical equipment standard for our wheel chair.

In this context ALIMCO is inviting expression of interest from reputed organizations / agencies/manufacturers having presence in India to manufacturing the equipments required to perform tests as per ISO 7176: part 8 : static , impact & fatigue tests for wheel chair including tests dummies as per ISO 7176:11

Thus there is a requirement to seek participation of organization / agencies / private parties having capability to manufacturing equipments as mentioned above to perform tests as below-

## **Recommended test equipment for ISO7176, Part8 and ISO7176, Part 11 ISO7176, Part 8: Static, impact and fatigue strength tests for wheelchairs**

The following test equipment is required, in order to perform the tests specified by ISO7176, Part 8:

- Loading device
- Concave loading pad
- Convex loading pad:
- Horizontal test plane
- Backrest impact test pendulum
- Hand rim impact test pendulum.
- Castor and footrest impact test pendulum
- Test dummies – Please see separate list in ISO7176, Part 11 section .
- Two-drum test machine
- Drop test machine

## **ISO7176, Part 11: Test dummies**

The following four test dummies are required in order to perform ISO7176 tests:

Test dummy, 25kg mass

- Test dummy, 50kg mass
- Test dummy, 75kg mass
- Test dummy, 100kg mass

## **ISO:16840 PART2.**

# **Objective of the EOI**

ALIMCO solicits expression of interest from Reputed Organizations/ Agencies for outsourcing services for manufacturing the equipments / rigs /dummies to perform tests as per ISO 7176:8 ,ISO7176:11,static, impact & fatigue tests for wheel chair including test dummies as prescribed in ISO including ISO16840 PART2.

## **High level expectations from Outsourced Services:**

- **The outsourced Expert Services are required to augment** internal capabilities of the Corporation in reliable manufacture of wheel chair having medical standard as per ISO 13485
- Test equipments having high level of reliability to ensure the above desired standard to be supplied to ALIMCO.

## **Indicative Outcomes:**

- Test equipments / dummies / rigs should have high precision level and high degree of reliability which should be able to ensure the products quality in a optimum duration with high accuracy. Also the equipments should be durable **with minimum 3 years of warranty.**

## 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
1.1	Experience	A short description of firm's experience in providing desired no. of qualified human resource along with profiles of key personnel.
1.2	Outsourced Services Portfolio	Portfolio and description (including brochures of services)
1.3	Geographies and Markets	The geographies and markets currently served by the firm on Pan India Presence.
1.4	Financial track record	Financial parameters demonstrating firm's sustainability over 5 years preceding the date of submitting the EOI
2.	Demonstrated success in requisite field of manufacturing equipments / rigs / test dummies.	Overview of profitable category of services
3.	Relevant quality certification / Accreditation	List of quality certification/ accreditations in the relevant field.
4.	Past experience with such Outsourced services	Any outsourced services done in the past with brief overview of the party involved and scope of Engagement

## **Important dates and contact details**

Interested parties are requested to send their response to this request for **EOI by 31<sup>st</sup> May 2019 in electronic format.**

Queries to the request for EOI may be submitted in writing or over email, latest by 29<sup>th</sup> May 2019 on email address given below:

e-mail: [dgm\\_qc@alimco.in](mailto:dgm_qc@alimco.in)

**For any clarifications, interested parties may contact or visit ALIMCO on any working day on or before 29<sup>th</sup> May 2019:**

### **Contact Persons:**

Name:	S. Tapadar
Designation:	Manager
Department:	Quality Control.
Cell no.:	9140232307

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