INVITATION FOR EXPRESSION OF INTEREST (EOI)

(E-Procurement Mode)

As per the directives of Department of Expenditure, this EOI document has been published on the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app). The bidders are required to submit soft copies of their proposals electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

http://eprocure.gov.in/eprocure/app

Manufacturing of Air-Cooled Battery Pack with Test Fan for Hybrid Electric Vehicle

SUBMISSION OF EOI PROPOSAL: UPTO 12:00 PM, 12 JANUARY, 2021
OPENING OF EOI PROPOSAL: 12:30 PM, 13 JANUARY, 2021
PRESENTATION: 3:00 PM, 13 JANUARY, 2021

Sponsored Research and Industrial Consultancy (SRIC)
Indian Institute of Technology Kharagpur
Kharagpur- 721302

Email: smukh@ee.iitkgp.ac.in
Sub: Manufacturing of Air-Cooled Battery Pack with Test Fan for Hybrid Electric Vehicle

Indian Institute of Technology Kharagpur is set up by the Act of parliament called The Institutes of Technology Act 1961 and it is declared as Institutions of National Importance and Institutions of Eminence. Sponsored Research and Industrial Consultancy (SRIC) is a Sponsored Research and Industrial Consultancy unit of Indian Institute of Technology Kharagpur. On behalf of Sponsored Research and Industrial Consultancy, INDIAN INSTITUTE OF TECHNOLOGY Kharagpur (IIT KGP), *Expression of Interest (EOI) for Manufacturing of Air-Cooled Battery Pack with Test Fan for Hybrid Electric Vehicle* are invited from all entities registered in India, who fulfil the criteria mentioned in the EOI documents for Manufacturing of Air-Cooled Battery Pack with Test Fan for Hybrid Electric Vehicle.

Complete EOI Documents can be downloaded from the website "https://eprocure.gov.in/eprocure/app" from 22 December, 2020 to 12 January, 2021 upto 12.00 HRS. IIT KGP -SRIC shall open the EOI Bids Electronically on the specified date and time at IIT KHARAGPUR (SRIC).

Interested eligible entities registered in India may submit their proposal online at https://eprocure.gov.in/eprocure/app in prescribed proforma as per Annexure-I. All the documents in support of eligibility criteria etc. are also to be scanned and uploaded along with the EOI Documents. EOI sent by any other mode will not be accepted. No EOI documents will be accepted after the expiry of stipulated date and time for the purpose under any circumstances what so ever.

The Competent Authority at IITKGP-SRIC reserves right to cancel the EOI at any time or amend/withdraw any of the terms and conditions contained in the EOI Document, without assigning any reason, thereof.

IITKGP-SRIC reserves the right to accept either in full or in part any EOI and to reject any or all offers without assigning any reason thereof.

The estimated cost of the whole project is approximately Rs. 5 lacs (Rupees Five Lakh). Any corrigendum and addendum shall only be published on the Institute Website and CPP Portal.

The EOI Proposal will be opened on the date and time mentioned on the title page of this document in Electrical Engineering Department, IIT Kharagpur in the presence of the Committee. Authorized representative of the EOI bidders is hereby encouraged to be present during the opening of EOI bids.

The Institute will examine the credentials of the firms, based on the submitted documents as per the eligibility criteria. After evaluation of eligibility criteria, as part of short listing exercise, vendors will be required to make a focused presentation on company, expertise and experience in the relevant field, details of the proposed solution etc. for not exceeding 30 minutes to the Technical Committee of IIT Kharagpur.
Based on the proposed acceptable solution (taken in part or whole from all submissions) RFP/Tenders may be issued to the shortlisted vendors to submit their two part (Part A: Technical and Part B: Commercial) offers as per Institute rules. The shortlisted vendors may be requested to submit their two part (Part A: Technical and Part B: Commercial) offers within a short time period for necessary evaluation and finalization of contract within two weeks.

The Institute reserves the right to (i) issue Request for Proposal (RFP)/Tenders to bidders if deemed eligible and qualified based on the evaluation of the EOI submitted by the bidders, presentations, etc. (ii) reject any or all proposed solutions from this EOI in part or in whole, (iii) create specifications based on any or all proposed solutions from this EOI in part or in whole and use them in limited or 3 open tendering for this and/or other projects, etc. The decision of the Institute in this regard shall be final.

The Director, Indian Institute of Technology Kharagpur reserves the right to reject any or all the offers without assigning any reason. Any attempt on the part of any firms to influence, negotiate directly or indirectly with the Institute will lead to exclusion from consideration.

Please note: This is not a Request for Proposal (RFP) and commercial bids are not to be submitted with EOI.

DR. SIDDHARTHA MUKHOPADHYAY
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WEST BENGAL, INDIA - 721302

Dated: 22/12/2020  Dean (SRIC)
1. ELIGIBILITY CRITERIA

The invitation of bids is open to all entities registered in India who fulfill the criteria as specified below:

(I) Registration Certificate/Certificate of incorporation, if any, including the certificate of MSME.

(II) Minimum FIVE years’ experience in the field of manufacturing of battery pack of similar ratings.

(III) Annual Turnover for manufacture of battery pack at least Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand) in each of the preceding last three years i.e. from 2017-18, 2018-19 and 2019-20 as per Audited Statement of Account.

(IV) Authorized dealer Certificate from Manufacturer if the agency is a dealer.

(V) All bidders should submit along with their EOI, copies of PAN Card, GST Registration certificates.

(VI) List of minimum three (3).

(VII) Brochure of the company.

(VIII) Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.

2. SCOPE OF WORK

Manufacture of 48V 40AH Li-Ion battery pack with A123 pouch cells with 2P15S configuration as specified in the technical specification document (Annexure-I). Only the pouch cell will be supplied by IIT Kharagpur free of cost to make the battery pouch. The battery management system (BMS) is not in the scope of this tender specification. But, provision for mounting the BMS on the end plates should be made.

3. CLARIFICATION OF EOI DOCUMENTS

3.1 A prospective bidder, requiring any clarification on the EOI Documents shall notify IITKGP-SRIC by e-mail at suroy@iitkgp.ac.in with copy to renis.thomas@gmail.com. IITKGP-SRIC shall respond through Email to any request for the clarification of the EOI Documents, which it receives not later than 7 days prior to the date of opening of the EOI. The clarifications by IITKGP-SRIC / Amendments, if any, will be uploaded/ notified on the "https://eprocure.gov.in/eprocure/app" and Institute web site www.iitkgp.ac.in. Bidders are requested to refer the CPP Portal and Institute’s website frequently.

3.2 Any clarification issued by IITKGP-SRIC in response to query raised by prospective bidders shall form an integral part of EOI documents and it may amount to an amendment of relevant clauses of the EOI documents.

Since this design is an indigenous R&D, therefore, to ensure the manufacturability purchase order may be issued to 2 manufacturers at the lowest price. Based on this an expression of interest have to be submitted and a Non-Disclosure Agreement have to be signed with IIT Kharagpur by the agreeing bidders.