



**INTERNATIONAL ADVANCED RESEARCH CENTRE FOR  
POWDER METALLURGY AND NEW MATERIALS (ARCI),**

Balapur P.O, R.R. District, Hyderabad – 500 005, Telangana, India

Tel: 040-244523326, Fax: 040-24442699

Web Site: [www.arci.res.in](http://www.arci.res.in), eMail: stores@arci.res.in

**Tender No. SC20200123/WO**

**Date: 13.01.2021**

**NOTICE INVITING TENDER**

**CONSULTANCY FOR ARCI CHENNAI CENTRE**

1.	EMD ( Earnest Money Deposit/Bid Security)	Bidder should submit” <b>Bid Security Declaration</b> ” in tender bidding documents.  (Order No: Department of Expenditure Order No. F.9/4/2020- PPD dtd 12.11.2020)
2.	Tender processing Fee	INR 1180/-
3.	Tender document published date	13.01.2021
4.	Bid documents can be accessed from	<a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> or <a href="http://www.arci.res.in">www.arci.res.in</a>
5.	Bid submission start date and time	13.01.2021 at 15:00 Hrs.
6.	<b>Last Date for visiting of Site by the Bidder</b>	27.01.2021 till 2:30 PM
7.	Bid submission end date and time	29.01.2021 before 15:30 Hrs.
8.	Date of opening of bid date and time  (for COVER -1 Tender Fee and EMD)	01.02.2021 at 1100 hrs



## **INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI)**

Balapur P.O, R.R. District, Hyderabad – 500 005, Telangana, India

Tel: 040-24452326, Fax: 040-24442699

Web Site: [www.arci.res.in](http://www.arci.res.in) eMail: [stores@arci.res.in](mailto:stores@arci.res.in)

---

### **Instructions to Bidder**

### Table of Contents

<b>Sl. No.</b>	<b>Description</b>	<b>Page No.</b>
1.	Notice Inviting Tender	3-4
2.	Special Instructions for online bid submission	5-7
3.	Technical Bid	8-10
2.	Tender Fee and EMD/Bid Security Declaration	11-12
3.	Price Bid	13



**INTERNATIONAL ADVANCED RESEARCH CENTRE FOR  
POWDER METALLURGY AND NEW MATERIALS (ARCI),**  
Balapur P.O, R.R. District, Hyderabad – 500 005, Telangana, India  
Tel: 040-24452326, Fax: 040-24442699  
Web Site: [www.arci.res.in](http://www.arci.res.in) eMail: stores@arci.res.in

---

## **TENDER NOTICE**

### **ARCI-Chennai Centre Advertisement**

International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) is an autonomous R&D Centre of Government of India's Department of Science and Technology (DST), located in Balapur village, Hyderabad, Telangana.

ARCI has an extension established in the IIT Madras Research Park Phase-1 at Taramani, Chennai. This center is now proposed to be shifted to an own facility to be developed at Chengalpattu District, Vandalur Taluk, Keerapakkam Village, Tamilnadu in about 8 acres of land at RS No. 99/1, 3 Km away from Vandalur Kelambakkam highway. The land is of plain terrain with no considerable vegetation.

This notification invites tenders from eligible consultancy firms that fulfill the eligibility criteria herein.

### **Scope of Work: Consultancy for ARCI Chennai Centre.**

You are invited to submit your most competitive online quotation through CPP Portal (Central Public Procurement Portal) website <https://eprocure.gov.in> on or before the prescribed due date. Manual bids shall not be accepted except for the original documents, if any mentioned in this tender.

Complete tender can be viewed and submitted through <https://eprocure.gov.in/eprocure/app>. To use the Electronic tender portal <https://eprocure.gov.in/eprocure/app> the bidders need to register on the portal.

### **The tender document should consist of the following:**

**The bidders are required to submit soft copies of their bids electronically on the CPP Portal before the last date stated above using valid Digital Signature Certificates.**

**All the tenders, in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.**

**If the last date of bid submission is a closed holiday, the next working day will be treated as Bid submission closing date.**

## **Validity of Bid**

Quotation should have minimum validity of 120 days from the date of opening.

**Last date for submission: 29.01.2021 before 15:30 Hrs.**

## **Opening of the tender**

- Only the Technical bid shall be opened online on the date of the tender opening. Price bids of only those firms will be considered for opening whose offer would meet all tender requirements including compliance to technical specifications and has passed all tender conditions/ technical evaluation.
- After opening of the price bids, detailed comparative statement will be generated online and the finalization of successful bidder will be done on L-1 (lowest price) basis as per CPP Portal.

## **Award of Contract**

Contract will be awarded to successful bidder and a copy of the award of the contract will be uploaded in CPP portal after finalizing the tender.

## **Disqualification of the Tenders:**

The tenders are liable for rejection in the following circumstances:

- If they are not in line with the terms and conditions of this tender notice.
- Conditional quotations
- Incomplete tenders
- Tenders without Tender Fee, EMD/Bid Security Declaration.
- Tenders submitted through Fax or e-mail.
- If two bid system is not followed.

Director, ARCI reserves the right to accept or reject any or all tenders either in part or in full or to split the order without assigning any reasons there for.

**The original hard copies of Technical Bid documents along with Tender Fee, EMD/Bid Security Declaration, supporting documents, etc., should be submitted on or before the due date to the following address:**

**International Advanced Research Centre for Powder Metallurgy and New Materials, Balapur Post, Hyderabad – 500 005, Telangana**

**IMPORTANT NOTE: Amendment, Corrigendum if any to this tender document, WILL BE HOSTED ONLY IN ARCI WEBSITE and CPP Portal and no separate Press Notification will be issued. Bidders are advised to visit our website and CPP Portal regularly to know such details.**

**Director, ARCI, Hyderabad**

## **SPECIAL INSTRUCTIONS FOR ONLINE BID SUBMISSION:**

Instructions to the Bidders to submit the bids online through the Central Public Procurement Portalfore-Procurement are at <https://eprocure.gov.in/eprocure/app>. The bidders must carefully follow the instructions.

- Possession of valid Digital Signature Certificate (DSC) and enrolment/registration of the contractors/bidders on the e-procurement/e-tender portal is a prerequisite for e-tendering.
- Bidder should do the enrolment in the e-Procurement site using the "Click here to Enroll" option available on the home page. Portal enrolment is generally free of charge. During enrolment/registration, the bidders should provide the correct/true information including valid e-mail-id. All the correspondence shall be made directly with the contractors/bidders through e-mail-id provided.
- Bidder need to login to the site through their user ID/ password chosen during enrolment/registration.
- Then the Digital Signature Certificate (Class III Certificates with signing key usage) issued by NIC/SIFY/TCS/nCode/eMudra or any Certifying Authority recognized by CCA India on e-Token / Smart Card, should be registered.
- The DSC that is registered only should be used by the bidder and should ensure safety of the same.
- Contractor / Bidder may go through the tenders published on the site and download the required tender documents/ Annexures for the tenders he/she is interested.
- After downloading / getting the tender document/ Annexures/ Appendices, the Bidder should go through them carefully and then submit the documents as asked, otherwise bid will be rejected.
- If there are any clarifications, this may be obtained online through the tender site, or through the contact details. Bidder should take into account the corrigendum / addendum published before submitting the bids online.
- Bidder then logs in to the site through the secured log in by giving the user id/ password chosen during enrolment/registration and then by giving the password of the e-Token/ Smart Card to access DSC.
- Bidder selects the tender which he/she is interested in by using the search option & then moves it to the 'my tenders' folder.
- From my tender folder, he selects the tender to view all the details indicated.
- It is construed that the bidder has read all the terms and conditions before submitting their offer. Bidder should go through the tender Annexures and appendices carefully and upload the documents as called for; otherwise, the bid will be rejected.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ Annexure and generally, they can be in PDF/xls/rar/zip/dwf formats. If there is more than one document, they can be clubbed together and can be provided in the requested format. Each document to be uploaded through online for the tenders should be

less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same can be uploaded, if permitted. Bidders Bid documents may be scanned with 100 dpi with black and white option. However if the file size is less than 1 MB the transaction uploading time will be very fast.

- Bidder should take into account the corrigendum / addendum published from time to time before submitting the online bids.
- The Bidders can update well in advance, the documents such as certificates, annual report details etc., under My Space option and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
- While submitting the bids online, the bidder reads the terms & conditions and accepts the same to proceed further to submit the bid packets.
- Bidder should submit the EMD as specified in the tender. The original should be posted/couriered/given in person to the Tender Inviting Authority, within the bid submission due date & time for the tender. **Scanned copy of the instrument should be uploaded as part of the offer.**
- The bidder has to select the payment option as offline to pay the EMD as applicable and enter details of the instruments
- The details of the DD/BC, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise submitted bid will not be acceptable.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated. Bidders to note that the very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read all sections and pages of the bid document including General conditions of contract without any exception and have understood the entire document and are clear about the requirements of the tender requirements.
- The bidder has to upload the relevant files required as indicated in the covered content. In case of any irrelevant files, the bid will be rejected.
- **If the price bid format is provided in a spread sheet file like BoQ\_xxxx.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Price Bid/ BOQ template must not be modified/replaced by the bidder, else the bid submitted is liable to be rejected for this tender.**
- The bidders are requested to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.
- After the bid submission (i.e after Clicking "Freeze Bid Submission" in the portal), the acknowledgement number, given by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the

particular tender and will also act as an entry pass to participate in the bid opening date.

- The time settings fixed in the server side & displayed at the top of the tender site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.
- All the data being entered by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission & not be viewable by any one until the time of bid opening.
- Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers. The confidentiality of the bids is maintained since the secured Socket Layer 128 bit encryption technology is used. Data storage encryption of sensitive fields is done.
- The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) exit option in the browser.
- For any queries regarding e-tendering process, the bidders are requested to contact as provided in the tender document. For any further queries, the bidders are asked to contact over phone as mentioned in the CPP website or send an email to - [cppp-nic@nic.in](mailto:cppp-nic@nic.in).

**General Quote:**

The breakup for accessories or sub system(s) /attachments apart from the basic system, if any, should be quoted separately.

Bidders shall download the Schedule of Quantities and Prices in the XLS Format and save it without changing the name of the file. Bidder shall quote their rate in figures in the appropriate cells, thereafter save and upload the file in financial bid cover (Price Bid) only. Bidder shall quote the prices in the given format BOQ\_XXXX in excel sheet for online submission of bids. The Technical bid also shall be uploaded in CPP Portal in the appropriate place.

It is required to take utmost care for uploading price bid format and any change/ modification of the price schedule shall render it unfit for bidding.

**If the template of price BoQ format is found to be modified/ corrupted in the eventuality by the bidder, the bid will be rejected.**

**General instructions:**

- A. The bidder should submit the scanned copy of the Technical Bid for online submission and original hard copy of all the documents must be submitted in an organized and structured manner. No brochures/leaflets etc. should be submitted in loose form. Please indicate page nos. on your quotation. The price should not be mentioned anywhere in this document.
- B. The original hard copies of Technical Bid documents along with supporting documents etc., should be submitted on or before the due date. The bidder should ensure that all the technical documents submitted through online and hard copies are one and the same. If any deviation is found, the tender is liable to be rejected.

## **PART-1**

### **TECHNICAL BID**

#### **I. Vendor qualification criteria:**

Marks will be allotted in the following format.

1. Experience of the party in similar nature of work, set up / renovation of engineering projects, costing minimum one work of Rs. 50 Cr or two works each worth Rs.30 Cr for past 5 consecutive years - **40 Marks Max.**
2. Company profile, year of registration/incorporation, list of similar works carried out during previous 10 years all with documentary proof + similar works in any Govt. of India organization – 8 + 12 = **20 Marks Max.**
3. Details of the infrastructure available with the firm like qualified manpower, Software etc. details like qualification, experience etc. – **20 Marks Max.**
4. CA certified audited balance sheet for previous 5 years, IT returns, service tax receipts of similar works – **20 Marks Max.**

**Note:** 1. Minimum qualifying mark set at 85

2. Work will be awarded to the L1 party

**The Director ARCI's decision will be the final and binding on any matters pertaining to this work contract. Also The Director ARCI reserves the right to reject any or all of the offers without citing any reasons thereto.**

#### **II SCOPE OF WORK:**

##### **Work shall be on turnkey basis involving the following:**

Site evaluation, survey, soil investigation, Site development; necessary site preparation, leveling / landscaping. Providing garden / lawn spaces, out-door sports spaces, vehicle parking spaces for employees and visitors, internal roads and pavements, storm drain network and rain water harvesting system. Development of access road to the site from a well-connected point, construction of compound wall and suitable entrance structure / structures, development of green belt within compound wall. Providing water recycling / gardening usage system with sewerage treatment if needed, biomass handling/composting/incineration system with approach road and waste/ scrap dumping space with approach road. Effluent treatment / storage-for-disposal facility.

Provision of essential utilities like electricity and water from state utility services. Construction of substation (out-door / indoor type) if needed and power distribution system. Water receiving storage/ treatment if needed and storage, pumping and distribution system for serving drinking, industrial/equipment/firefighting and wash room needs. The power cables, telephone cables, LAN cables, water pipe lines, gas pipe lines between buildings shall be routed through rcc / precast trenches.

Construction of buildings (about 10,000 sq. M – 30% + 30% + 40% for sophisticated R&D equipment + office space + normal R&D equipment). The buildings design shall be of low



carbon foot print both in construction and maintenance and shall conform to NBC specifications. About half the area shall be of industrial/ R&D environment requiring special R&D / production utilities like various gases, compressed air, chemical handling, dust reduced spaces, sound insulated spaces, air conditioned spaces, humidity controlled rooms etc., the exact details of which shall be decided at later stage. The remaining area shall include sitting rooms, reading & library, conference, refreshment & dining, first aid & primary med-care, indoor recreation etc. All buildings / work spaces shall have smoke / fire detection & alarm systems and suitable / relevant firefighting systems and occupational safety systems that can be conceived for existing working environment & for the immediate upcoming projects. The compound and buildings shall have necessary security / access control systems.

Development of renewable energy source (solar / wind or combination of both) for 100 % energy needs of center. This shall be grid-tied / stand-alone / hybrid type suitable for the exact requirement of the center, to be decided in due course.

### **III Scope of work of the consultant:**

The scope of services of the Engineering Consultant shall include deployment of competent technical staff in the relevant fields of infrastructure, study the site conditions, hold detailed discussions with the end-user groups to visualize the requirements for the existing R&D/Production equipment and facilities and future expansion requirements. Summing up the total information to arrive at the design basis and subsequently taking up the planning, detailed design as per latest relevant/applicable Indian / International Standards.

Prepare enquiry/tender specifications with schedule of quantities and GA & detailed engineering drawings, to be part of the tender documentation. Each sub-system of the project shall have a separate and complete documentation with estimates and rate analysis for all individual items. Also shall provide a list of recommended vendors / executors for each sub-system package.

Minimum three designed models along with write ups mentioning approximate cost and technical justification (advantages + shortfalls) for each model should be presented to ARCI scrutiny committee. Based on model design and technical write up one model will be selected.

The scope of work of the Consultant also includes inviting tenders, tender scrutiny and award of work to eligible executing agency conforming to Govt. e-tendering norms and supervision of work execution and commissioning till handing over to ARCI.

We request that your representatives visit the proposed site, to have a basic understanding of the site conditions, before submitting the offer. Those who plan site visit could contact Dr R Gopalan, Regional Director, ARCI, Chennai at the following address:

IIT-M Research Park, Phase-1,  
2nd Floor, Section B1,  
TS No 2D, E Block, 6 Kanagam Road,  
Taramani, Chennai-600113,  
Ph: (044) 66632803  
E-mail: gopy@arci.res.in

#### **IV Submission of offer:**

The offer against this notification is to be submitted in two-part system.

Technical bid should contain the profile of the firm, list of resources at hand, experience in executing similar works during the past 5 years, list of clients (both Indian and International), info about the branch offices in India and abroad, details of contact person, PAN, GST registration and Council of Architecture registration etc. to establish technical capability to take up this type of job, with documentary proofs.

## **PART-2**

### **TENDER FEE AND EARNEST MONEY DEPOSIT/BID SECURITY DECLARATION**

1. Bid should be accompanied by Tender Processing Fee of INR 1180/- in the form of Demand Draft drawn on in favour of Director, International Advanced Research Centre, Payable at Hyderabad or payment online like RTGS/NEFT/ECS. Tender Fee is not refundable. Bids submitted without tender processing fee will not be considered for further processing.

Online Payment Account details are as follows:

#### **Details of Account Holder**

Name of the Institution	International Advanced Research Centre for Powder Metallurgy & New Materials
Name of Account Holder (As per Bank Record)	ARCI TECHNOLOGY PROGRAM FUND
Account Number of above account	1849101016974
Complete Contact Address	RCI Road, Balapur, Opposite Balapur Vilage, Hyderabad -500005
Telephone No	0091-040-24452361
Fax No	0091-040-24442699

#### **Bank Account Details**

Bank Name	CANARA BANK
Branch Name	Kanchanbagh
Beneficiary's Name	ARCI Technology Program Fund
Complete Contact Address	Kanchanbagh, Hyderabad 5000059
Telephone No	040-23438704
9- Digit Code No of Bank & Branch	500015032
Account Number	1849101016974
Account Type (SB/Current/Cash/Credit/Etc)	Savings Account
IFSC Code No of Bank	CNRB0001849
PAN Number	AAA AI0324C
TIN Number	36980207289
Service Tax Number	AAA AI0324CST001
GSTIN Number	36AAA AI0324C1ZG
E.Mail	<a href="mailto:fao@arci.res.in">fao@arci.res.in</a>

The details of transaction for tender fee viz Name of Bidder firm, tender description, Transaction ID/No. of Transfer, Transaction date, Amount of Transaction, Name of Bank, Address of Bank shall be furnished by the tenderer on their letterhead separately enclosed in cover-1 along with tender.

Bidder registered with District Industries Centre or Khadi and Village Industries commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation (NSIC) or Directorate of Handicrafts and Handloom or Udyog Aadhar Memorandum or any other body specified by Ministry of Micro, Small and Medium Enterprises as MSMEs or Startups as recognized by Department of Industrial Policy and Promotion (DIPP), Govt of India for the tendered item are exempted from payment of tender fee and Earnest Money Deposit (EMD) subject to submission of valid documentary evidences throughout the time of the contract. Copies of MSME, NSIC registration certificates and other supporting documents should be submitted for exemption of Tender Processing Fee and EMD. Non registered MSME/NSIC bidders should submit "Bid Security Declaration" in tender bidding documents instead of submission of EMD.

**PART- 3**  
**PRICE BID – TERMS AND CONDITIONS**

**PRICE BID SHOULD BE SUBMITTED ONLINE ONLY AND NO OTHER MODE OF SUBMISSION IS ACCEPTABLE.**

Bidders shall download the Price bid BoQ in the XLS Format and save it without changing the name of the file. Bidder shall quote their rate in figures in the appropriate cells, thereafter save and upload the file in financial bid cover (Price Bid) only. Bidder shall quote the prices in the given format BOQ\_XXXX in excel sheet for online submission of bids. The Technical bid also shall be uploaded in CPP Portal in the appropriate place.

It is required to take utmost care for uploading Price bid BoQ and any change/ modification of the price schedule shall render it unfit for bidding.

**If the template of Price Bid BoQ file is found to be modified/ corrupted in the eventuality by the bidder, the bid will be rejected.**

**I. Terms and Conditions:**

- a) Tenders with any condition, including conditional rebate, are liable to be rejected.
- b) **The Price Bid/BOQ template must not be modified/replaced by the bidder, else the bid submitted is liable to be rejected for this tender.**
- c) Printed conditions of the vendor submitted with the tender will not be binding on ARCI.
- d) The commercial bids of only the technically qualified bidders shall be considered for further processing.
- e) Commercial Bid (prices quoted) should not be enclosed in the technical bid envelope. If the price quote is submitted with technical bid, the tender is liable for rejected.
- f) The Director, ARCI reserves the right to accept the offer in full or in part(s) or reject summarily or partly thereof.