

INTER-UNIVERSITY ACCELERATOR CENTRE

(An Autonomous Centre of UGC)

Aruna Asaf Ali Marg, New Delhi-110 067

NOTICE INVITING E-TENDER

TENDER NO: IUAC/NIT/02/RM2019-20

Dated: 03/04/2019

Instructions for Online Bid Submission:

Inter-University Accelerator Centre (IUAC), invites online bids through e-Procurement Portal under single bid system from eligible and experienced parties for the work of **“Development, Hosting and Operational Training of Web Based Online Beam Time Request (BTR) Management Application at IUAC”**

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app> and www.iuac.res.in

Bids shall be submitted online only at CPPP website: <http://eprocure.gov.in/eprocure/app>. Tenderers/Contractors are advised to follow the instructions provided in the e-procurement portal.

IUAC reserves the right to accept / reject any/all tenders in part/full without assigning any reasons thereof.

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled and submit it online without modifying the format. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

Any Corrigendum/Amendments in respect of above tender shall be issued on IUAC website www.iuac.res.in and website <https://eprocure.gov.in> only. Bidders

should take into account any corrigendum published on the tender document before submitting their bids.

E-TENDER DOCUMENT

Name of Work	Development, Hosting and Operational Training of Web Based Online Beam Time Request (BTR) Management Application at IUAC
Tender No.	IUAC/NIT/02/RM/2019-20
Tender Value/Estimate	Rs. 5,00,000/-
Earnest Money Deposit	NIL
Bid Submission End Date	17/04/2019
Bid Opening Date	18/04/2019
Contact Person	M. B. Joseph, Administrative Officer (S&P) e-mail: joseph@iuac.res.in Phone: 011-24126018 & 24126022

General Terms and Conditions of the Tender :

Submission of Tender :

Tender should be uploaded on CPP Portal, i.e. scanned copy of entire NIT duly signed & stamped as a token of acceptance of NIT conditions alongwith BOQ.

Validity of Tender :

Tender shall be valid for our acceptance without any change in the rates and NIT conditions for a period of 90 days from the date of opening the price bid. No escalation of cost will be acceptable in any condition after opening of tender.

Escalation / Deviation :

No escalation or deviation shall be allowed till execution of order / contract.

Terms of Payment :

Payment will be made on completion of work and certification of bills by the concerned authorities.

Delivery Period:

The work shall be completed within 30 days from the date of issue of LOI/Work order.

Warranty/Guarantee: The bidder has to give one year of warranty/Guarantee of/work items supplied. During this period, if any rectification is needed, the same shall be made free of cost.

Correspondence :

All the correspondence in respect of tender / contractual obligation shall be made to “ The administrative Officer (S&P), Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi – 110067”. E-mail : joseph@iuac.res.in, Phone : +91-11-24126018, 24126022.

Tender Rejection :

IUAC reserves the right to accept/reject any/all tenders in part/full without assigning any reason whatsoever and the decision of the IUAC in this regard will be binding on all the bidders.

The contract shall be governed by the Indian Laws. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi / Delhi.

SCOPE OF WORK FOR INTER-UNIVERSITY ACCELERATOR CENTRE (IUAC)
WEB APPLICATION DEVELOPMENT & HOSTING

1. Overview

The basic objective of Inter-University Accelerator Centre (IUAC) is to provide front ranking accelerator based research facilities to create possibilities for internationally competitive research within the university system. The Centre has been playing a very special role of a research institute within the University system where the scientific and technical staffs have dual responsibilities of facilitating research for a large user community as well conducting their own research. The Centre has established sophisticated accelerator systems and experimental facilities in project mode involving several universities for internationally competitive research in the areas of Nuclear Physics, Materials Science, Atomic Physics, Radiation Biology, Radiation Physics and Accelerator Mass Spectrometry.

Broad Scope of the Project:

Application, as listed below, has to be developed, integrated with email/SMS gateway for notification at required stages and hosted on IUAC server. Required APIs for email/SMS gateway integration will be provided by the user department to selected vendor. OTP based email validation for registration. Applications should be developed in open source platform/technology with PHP technology & PostgreSQL Database. Department wants the web based application to be developed in Drupal based CMS. Developer must follow guidelines of Government of India websites to ensure proper standardization of all content. After award of project in case of an urgent requirement/suggestion shared by committee, should be implemented without extra cost if the changes would be 10-15%.

2. **Web-application for IUAC**

Web-application for IUAC will be linked with website, Login/registration functionality will be there on the website front-end. Admin users will be able to login from there. Below types of users and role will be there:

1.) Administrator –

- This type of user will have role to assign users with role.
- Admin User will be able manage the portal and each modules
- User Dashboard will have details with statistics.

2.) Sub-administrator –

- This type of user will be assigned by administrator.
- Will be able to manage the modules of the portal as per provided roles.
- Dashboard will be there for sub-admin as per their roles.
- This type of user will be created by admin.
- Employees can be sub-admin for managing application modules ad per role provided by admin.

Beam Time Request (BTR) Management

Visitor will visit on the portal for proposal submission as BTR. There are 5 categories of BTR forms. Visitor will be able to select and submit the form online with sharing required details. Administrator will be able to share proposal to concern faculty member. Concern faculty will review the submitted BTR's and share their feedback. Feedback/comments will be available online. Based on the reviews proposal will be selected or rejected. Technical Committee members login will be created by administrator. Selected proposal with feedback/comments will be sent to committee members for their review and feedback. For each proposal database will be updated with feedback/comments. User will be able to view feedbacks shared on their proposal. Committee review feedback can be captured in Minutes of Meeting. Minutes of Meeting (MoMs) document will be uploaded into the system and administrator would be able to share final comment to the user. (details as below)

IUAC will provide all proposal submission forms in “DOC” format.

BTR Flow chart

- 1) Administrator will create start and end dates for form submission. He will create a sub-admin with limited role. (BTR form are called twice in a year)
- 2) Administrator will create logins for internal review members and technical committee members.
- 3) User will be required to create login to submit the BTR form. Login will be created by authenticating OTP/email verification process.
- 4) Logged in users can fill and submit the form. User can submit multiple forms. User will be able to select and submit proposal online by sharing required details. On successful submission user will be informed by email with copy of submitted form (pdf format) with time-date stamp and copy of the submitted form will also be saved on IUAC server. No one, including admin, will be entitled to modify/delete the user filled entries of the submitted form. Only users can modify/delete their submitted form *within submission period* by logging in to their account.
- 5) After end date admin/sub admin will assign each submitted form with one internal review member and email will be sent to internal review members with username/password to login and access the only authorized (by admin) submitted BTR form. The BTR form then will be updated with the comments/suggestions/remarks by the reviewing member will also be uploaded on the database for online access.
- 6) Based on the reviews selected BTR's will be updated with presentation date and time. Automated email communication will be done with selected users for presentation in front of the technical committee with date and time of their presentation. List of the selected BTR's will be visible online for users to see.
- 7) Email communication with username/password will be made with all committee members after all the internal reviews are received. The committee members can review all the selected submitted form and provide their comments.
- 8) Committee meeting (AUC) will be convened and the final minutes of the meeting can be captured and uploaded. The comments for each BTR form will be updated on their record.
- 9) Final record will be generated in odt/docx and pdf format with all the submitted forms, list of selected forms, MoM of the technical committee.

a. **User Dashboard and MIS Report:**

On the portal there will be three types of user dashboard will be their Administrator, Sub-admin and Management user. These type of user will be able to access their dashboard after login. There will be 10-15 MIS reports on the portal for the overall portal modules like proposal submitted with category etc.

3. **Operation & Maintenance**

The selected vendor will give us one year warranty support from date of go live of the website. Warranty support should cover the following activities:

- Rectification of bugs in the existing code.
- Solution of issues reported in the running applications
- Any configuration in the existing code
- Optimization of the code for the performance of the application
- Content Updation
- Minor functional changes in application as and when required
- Incorporation of minor feedbacks/enhancement
- There should be a point of contact at vendor during one year maintenance period.
- Changes/updation has to be treated on periodization level. First priority task has to be treated first.

4. **Hosting & Timeline**

The **Beam Time Request (BTR) Management** application is required to be developed and its completion time including successful hosting and operational training is **one month**. Hosting of the website and application will be on IUAC server. Department will provide server credentials, vendor has to deploy the solution on the provided server space. Vendor has to give support to the department for hosting and deployment of the application.

NOTE: A copy of this NIT should be fully signed and uploaded alongwith BOQ.

BOQ/PRICE BID

(Price should be quoted in the standard excel format as part of this NIT)