

DEVI AHILYA VISHWAVIDYALAYA, INDORE
TENDER NOTICE

क्र./के.ग्र. / निविदा /2018-19

दिनांक - 18.1.2019

विश्वविद्यालय के केंद्रीय ग्रंथालय में थीसिस के डिजीटाईजेशन हेतु ई - निविदा <https://www.mptenders.gov.in> के माध्यम से दिनांक 08.02.2019 तक आमंत्रित की जाती है। विस्तृत निविदा आमंत्रण सूचना एवं अन्य शर्तें <https://www.mptenders.gov.in> पर दिनांक 18.01.2019 सुबह 12.00 बजे से देखी जा सकती है। निविदा की सूचना वि.वि. की वेबसाइट www.dauniv.ac.in पर भी उपलब्ध है।

कुलसचिव

DEVI AHILYA UNIVERSITY INDORE CENTRAL LIBRARY

Khandwa Road, Indore – 452001

Tender Document

Last Date of Submission: 08 - 02 - 2019 at 5:00 PM

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Tender Fee: Rs.1000.00

**DEVI AHILYA UNIVERSITY, INDORE
CENTRAL LIBRARY**

TENDER NOTICE

Tender Notice No _____

Date _____

e-Tenders are invited for digitization of 2000 theses only from turnkey solution providers. Tender documents, and other tender term and conditions can be downloaded from the website of Govt. of Madhya Pradesh tender Portal (<https://www.mptenders.gov.in>) on the online payment of **Rs. 1000.00** (non-refundable) as cost of tender form and documents.

The Mandatory documents in hard copy also must reach the Librarian, Central Library, Devi Ahilya University, Khandwa Road, Indore-452001 (Madhya Pradesh) on or before 10th February, 2019 by 5.00 PM in a sealed envelope with EMD of Rs. 30000/- (Thirty Thousand only).

The e-tender should have the following:

- 1. Upload Mandatory Documents** given on page no – 11, under **ELIGIBILITY CRITERIA: (Mandatory Documents)** Also send the hard copy of all mandatory documents with EMD of Rs. 30000/- (Thirty Thousand only) on or before 08th Feb 2019 by 5.00 pm.
- 2. TECHNICAL BID**
Providing detailed in technical bid performa – **Annexure – 1 (Excel Sheet)** duly filled all the details.
- 3. FINANCIAL BID**
Providing details in financial bid performa – **Annexure – 2 (Excel Sheet)** duly filled all the details.

Addendum / corrigendum, if any, would be hoisted on the University website (<http://www.dauniv.ac.in>) only.

Registrar, DAVV Indore

DEVI AHILYA UNIVERSITY, INDORE
CENTRAL LIBRARY

e- Tender is hereby invited for Digitization and Digital Archiving of Print Theses with following details of terms and conditions

SUMMARY OF TENDER

Sr. No.	Heading	Description
1.	Name	Central Library, Devi Ahilya University, Khandwa Road, Indore (Madhya Pradesh) Pin 452001
2.	Tender Subject	Digitization and Digital Archiving of old Theses
3	Duration of the completion of work	30 days from the date of order given.
4.	Tender Cost (INR)	Rs. 1000.00 paid online on https://www.mptenders.gov.in
5.	EMD/Bid Security(INR)	Rs. 30000.00 (in the form of DD/ Bank Guarantee)
6.	EMD/Bid Security payable to	Registrar, Devi Ahilya University, Indore
7.	Bid Start Date	18 th January, 2019
8.	Bid Closing Date & Time	7 th February, 2019 at 5.00 P.M.
	Bid Submission Date and Mandatory documents submission date.	8 th February, 2019 at 5.00 PM
9.	Mandatory Envelop Opening Date in Central Library in LAPC Meeting	9 th February , 2019 at 11.00 A.M.
10.	Technical Bid Opening Date & Time	9 th February, 2019 at 4.00 P.M.
	Financial Bid Opening Date & Time	11 th February, 2019 at 4.00 PM.
11.	Place of Tender Opening (technical & financial)	Office of the Finance Controller, Devi Ahilya University, RNT Marg Indore
12.	Address to Send Mandatory Document and EMD	Librarian, Central Library, Devi Ahilya University, Khandwa Road, Indore - 452001 (Madhya Pradesh)
13.	Contact Details/ Telephone	Dr. Ajay Kumar, Incharge Librarian Central Library Devi Ahilya University, Khandwa Road, Indore 09302237716 (Mobile)

Registrar, DAVV Indore

SCOPE OF WORK

Under this project about 2000 (average 200 pages each) Ph.D. theses has to be digitized, archived, and converted into the base digital format. Majority of the content are in English language, some of theses in languages other than English i.e. Hindi, etc. are also part of the collection. This digitization of Ph.D. theses project is high definition time bound initiative to be accomplished within maximum of **1 Months**. Also some of the thesis content already stored in CD has to be converted as per Metadata creation as per Dublin Core Standard and LC subject Classification and Uploading of digital thesis on internet / intranet /DMS as per the rate quoted by the agency for above work.

Only turnkey solution providers are invited having Knowledge Organization Systems Experience that have undertaken and executed projects involving digitization of Hard/Print Copies, and integrating with born-digital contents. The solution providers also need to capture and create metadata for each thesis and dissertation as per Dublin Core Standards, for specific fields to be decided by the Library. The entire project being onsite - all infrastructure hardware - including desktop computers, scanners and other equipment's, all software and manpower to carry out the work are to be arranged by the agency at their own cost. The solution provider/agency will take back the above said equipments upon the completion of the assignment and will ensure that complete data has been deleted from the equipments being taken back and will not keep copy of digitized data on any device in any form without prior permission of the University. Also, the solution provider will install the required software and all other systems along with the manpower to carry out the digitization and indexing work and transfer the completed work in running condition to requisite media. However, the library will provide the free space and to the Agency. The work order in full or part will be allocated to the vendor/agency based on fulfillment of minimum requisite criteria mentioned in tender. The work involves the entire process of formal handing over to the creation of digital format with the desired level of indexing and provision of the data on the digital media file in duplicate as per the laid out specifications and recommended by the vendor in their solution.

I. TECHNICAL REQUIREMENTS

1. The theses to be converted in requisite format will be provided in hard bound volumes.
2. The output should be of very high quality, acceptable readability, reasonable accuracy, consistent in term of tone and color reproduction and use neutral common rendering for all images and to our satisfaction.
3. **Sample images of prior work to be submitted in different Modes (Black & White, Color, and Grey Scale) along with the tender in DVD. This will be part of Technical Bid.**

4. The scanner output should have minimum of 300 dpi (dot per inch) optical responses or resolutions with [Bit depths: Bit, not less than 8-bit Grayscale, or 24-bit Color (True color)] and appropriate threshold.
5. Basic image enhancement, Raster cleaning, De-skew, De-Speckle Cropping & hole removal etc., to be carried out on each images for optimum images clarity without compromising the quality of text, photographs etc.
6. The scanning specifications for text support - the production of a scan that can be reproduced as a legible at the same size as the original (at 1:1, the smallest significant character should be legible).
7. Cleanliness of work area, digitization equipments, and originals like scanners, platens, and copy boards will have to be cleaned on a routine basis to eliminate the introduction of extraneous dirt and dust to the digital images. Though the documents are cleaned regularly, they tend to be dirty and will leave dirt in the work area and on scanning equipment.
8. Agency will capture data (text, photographs, tables, charts, diagrams, maps etc.) from the dissertations provided by the Central Library of Devi Ahilya University, Indore and creating TIFF/PDF images. The final scanned copy in PDF should be legible, with completeness, image quality (tonality and color), and the ability to reproduce pages in their correct (original) sequence.
9. Agency will be responsible for creating the structured archival of file of TIFF images (in unclean and cleaned form) for all items for backup, searchable PDF of all items with searchable images, PDF/RTF document (duly formatted), and developing CD/DVD/Portable Hard Disks or any storage media commensurate with technological development.
10. Agency will ensure data integrity. No page/part of dissertations will be left un - scanned. The Agency will recoup the missing pages/parts, if any, at its own cost. In other words, the Agency will ensure that the entire dissertation from the title page to the last page is captured.
11. Data will be captured without disturbing the binding of the Theses. If preparing the document for scanning by opening the binding to create loose leaves, the Agency shall be responsible for rebinding of the document after the completion of work. The Agency shall be responsible for the damage to the Dissertations, if any. The Agency shall compensate the Registrar, Devi Ahilya University Indore @ Rs.2000/- per thesis if any damage is done to any dissertation.
12. Agency will manually correct the Proof of the text, OCRed and develop the Rich Text Format for the text part with proper formatting.
13. Agency will develop appropriate tree structure of RTF file and converge with total PDF images of a document for creating the archival file in external storage

media. The output / display resolution should be commensurate to the requirements.

14. Agency will develop the structured file through the combination of RTF and PDF along with embedded metadata by tagging them with DC/UNIMARC and using a suggested watermark on the PDF image.
15. Data of each thesis will be divided into parts, viz., Title Page, Introduction/Literature Review, Chapter 1, Chapter 2, Chapter 3 and so on. Each part will be uploaded separately. There will be an index in the beginning. Each component in the Index will be linked to the each part of the thesis. Exact index will be provided at the time of data capturing.
16. The “pdf” data should be compatible with the University Retrieval Software.
17. The vendor/agency Provide MARC records for all digitized titles with minimum 8 fields such as Title, Author, Degree Type, Date, Abstract, 856 link, etc.
18. Digital images should be created to a quality level that will facilitate OCR conversion to a specified accuracy level. This should not, however, compromise the quality of the images to meet the quality index.
19. The digitized images to be converted to searchable PDF format. The layout of the page should be retained.
20. A file-naming scheme database - should be established prior to capture. The same will be provided by the library.
21. The vendor should be able to provide on-demand access of the digitized content in print, microform or digital mode to the library.
22. The master files containing final documents should be stored as back up on Portable hard disk.
23. The metadata for each thesis should be captured and created using Dublin Core for specific fields to be provided by the library.
24. Agency will upload the data on Library’s server as “flash” file so that the users could only view the data. The users should not be able to download the same on the hard disc or pen drive or any other media.
25. Agency will upload digitized theses along with metadata on the internet/intranet of the university library and Shodhganga.
26. Agency will upload digitized theses on the Document Management System (DMS) of the University as well as publishing platform that complies with international standards and houses international content for promotion and wider discoverability.

II. STEPS INVOLVED IN DIGITIZATION PROCESS:

Step-I Scan, Enhance, and archive in Portable Hard Disk(s).

Step-II Scanning the images using the agreed resolution and providing the data in the requisite formats, i.e. TIFF, .PDF etc.

Step-III Cleaning of images (removing black noises around the text) Skew correction to make the image straight) De-Speckle (removing of small dots between the text) providing the Equal margin all around the text and maintain Same Page Size as per original for all pages of each thesis.

Step-IV Extract text from the images (only English language) and converting to 6 Searchable PDF-A with 99% accuracy of text. Graphics should have their enhanced grayscale/RGB look in the final output.

Step-V Storing and maintaining back-up, verification of backup till the project execution and status reports on weekly basis is required. (Provide backup on Portable Hard Disk/DVDs)

Step-VI Capture and Create Metadata for each and every thesis.

Step-VII Upload the Digitized PDF on Document Management System (DMS), which will be internet or intranet and Shodhganga.

Step-VIII Provide a digital copy of entire digitized content in Portable Hard Disk to the library and Perform microfilming for the theses collection and provide a digital OCR copy of microfilm to the library for purpose of record.

III. DELIVERABLES

1. All the digitized documents should be delivered in reliable and high quality of external hard disk. One copy of the digitized documents will also be kept in a storage media preferably SAN in the Library infrastructure.
2. A customized, unique, web based, Document Management System (DMS) which will be hosted on library server or on Cloud. The DMS should be customized with new UI design along with our logo, static pages and images. DMS should also have the features to browse the digitized content by Author, Year, Subject, Document Type, Publisher, Department etc along with full-text search facility. This software should be such as to be able to also handle the digital documents which have been scanned previously and are lying in the custody of the Library.
3. A digital copy of entire digitized content should be uploaded to Shodhganga Repository as per Shodhganga metadata standards as given at Annexure - 03.

IV. OTHER RESPONSIBILITIES OF THE EXECUTING AGENCY/VENDOR

Besides scanning and digitizing the collection, maintaining records and generating regular progress reports, the other major responsibilities of the vendor will be as under:

1. Maintaining confidentiality about work
2. Safe handling of theses used for scanning (as these are rare available as single copy and cannot be recreated). While handling theses, proper care is to be taken, so vendor should deploy only experienced scanning operators. In case of any negligence the vendor shall be penalized.
3. The agency shall be responsible for preparing the documents for scanning/digitization purpose, i.e. cleaning of theses; remove dust, taking them out of shelves and putting them back etc.
4. Theses rebinding /returning /refilling after scanning.
5. Handling and maintenance of the hardware installed by the agency will be the responsibility of the agency/vendor.

V. GENERAL TERMS & CONDITIONS

1. Tender documents, costing to Rs.1000/- (non-refundable) can be purchased by paying online on website <https://www.mptenders.gov.in>
2. Please send **Mandatory Documents** and **EMD** in closed/sealed envelope. Technical and Financial Bid are to be filled in excel sheets.
3. Bid offer should be valid for 90 days from the date of opening of tender.
4. The entire work shall be carried out under successful bidder's custody and the successful bidders should follow all safety regulations and take all measures to prevent damage/ loss to the documents of the University.
5. The Agency will use the licensed tools for creation of contents, for updating and maintenance of the contents.
6. EMD Rs. 30000.00 (Thirty Thousand) in the form of Demand Draft/Bank Guarantee payable at Indore to Registrar, Devi Ahilya University, Indore should reach the Librarian, Central Library, Devi Ahilya University, Khandwa Road, Indore - 452001 (Madhya Pradesh) with **Mandatory Documents** failing quotation/tender will be rejected.
7. Agency will make arrangement for the stay of its staff at Indore or elsewhere.
8. The EMD of successful bidder will be refunded only on successful completion of digitization work as per work order.
9. The payment will be made only on presentation of bills in duplicate together with the quantum of actual work done on verification of work to the satisfaction of the undersigned as per terms and conditions.

10. The bidders are required to quote their rate per page for scanning and digitization of documents. The rates so quoted should be all inclusive of (Preparing documents for scanning/digitization, Hardware/ Software/ Transport/ Manpower/ Taxes/ Power supply or any other charges).
11. **Successful vendor shall also be required to execute performance guarantee @ 10% of work order value at the time of award of contract, by way of bank guarantee. This performance guarantee shall be valid for a period of sixty days beyond the date of completion of all contractual obligations of the vendor.**
12. In case of Agency's failure to undertake the job after its award or failure to complete the job, the Agency shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture of earnest money/security, besides any other action as may be deemed proper by the University.
13. If the firm is not able to fulfill its obligations under the contract, which includes non completion of the work order, the Library reserves the right to get the work accomplished in open market and EMD/Performance Guarantee of defaulting firm shall be forfeited. Such a firm shall be liable to pay any or all costs, damages/ compensation, etc. resulting out of the non performance by the defaulting firm.
14. In case the digitization work carried out is not according to the specification mentioned in the work order, the work will have to be redone.
15. Data shall be accepted subject to installation, wherever necessary, and satisfactory report of the Inspection Committee/Committee of Experts of the University.
16. The job shall be completed by the Agency within the time limit specified in the tender document or. The completion period can be extended with the approval of the competent authority only in exceptional cases on written request of the Agency giving reasons/explaining circumstances due to which the completion period could not be adhered to. In case, the job is not completed within the stipulated period, the Agency shall be liable to pay the University the compensation amount equivalent to 1% (one percent) of the cost of the order each day or such other amount as the competent authority may decide till the job remains incomplete, provided that entire amount of compensation shall not exceed 10% of the total amount of the order. An appeal against these orders shall, however, lie with the Vice-Chancellor, Devi Ahilya University, Indore, whose decision shall be final and binding.
17. The tenderers may present themselves or their authorized representative(s) on the day of the opening of technical bid and financial bid.

18. The work shall be executed strictly in accordance with general terms and conditions mentioned in the tender.
19. Our bankers are: State Bank of India, Devi Ahilya University, Indore.
20. The bank charges, if any, shall be to the Agency's account.
21. Bill No. should be duly printed / machine numbered.
22. No advance payment on any account will be made.
23. Payments shall be subject to deduction of any amount for which the vendor is liable under the agreement against this contract. Further, all payments shall be made subject to deduction of TDS (Tax deduction at Source) as per the income Tax Act-1961 and any other taxes.
24. The Central Purchase Committee / Purchase Committee constituted for the purpose reserves the right to accept or reject any or all the bids or negotiate on any of the tender conditions/ items and to annul the bidding process and reject all the bids at any time prior to placement of order without assigning any reason thereto and without any obligation to inform the affected bidders.
25. The decision of the Devi Ahilya University, Authorities shall be final and binding upon in the event of any dispute arising out of the terms of the contract. Disputes, if any, shall be subject to jurisdiction of Indore Courts. Any other jurisdiction mentioned in Agency's quotation or invoices shall be invalid and shall have no legal sanctity.

VI. ELIGIBILITY CRITERIA: (Mandatory Documents)

1. Must be registered company / firm under Indian companies act with turnover of One (1) Crore per annum in consecutive last three financial years (attach proof).
2. Must attach Audited balance sheet and Income tax return of last 3 years.
3. Must have executed earlier the Digitization projects for Govt./Academic Institutions (attach proof).
4. The company / firm should not be debarred / blacklisted for any reason / period by any Central / State Govt. Dept. / University / PSU etc. The quotee shall append a certificate with the quotation / tender that the firm has not been debarred / blacklisted for any reason / period by any Central / State Govt. Dept. / University / PSU etc. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the order, but may also warrant legal action.
5. A DVD of **Sample images of prior work to be submitted in different Modes (Black & White, Color, and Grey Scale)**

Annexure – 1 (Excel Sheet)

TECHNICAL BID Providing detailed in technical bid performa –duly filled in excel sheet.

Annexure – 2 (Excel Sheet)

FINANCIAL BID Providing details in financial bid performa –duly filled all the details in excel sheet.

Annexure - 03

METADATA STANDARDS & FORMATS

INFLIBNET Centre has simplified the submission process with one-page, one-form submission with almost all mandatory fields. While some of the fields can be selected from drop down box, other fields should be filled in with care. For e. g. in Title text box, first letter is in capital and all other letters are in small case, except in case of proper nouns. For example: "Involvement of nitric oxide (NO) and associated bimolecular in sunflower seedling growth in response to salt stress". The basic DC sets consists of 15 elements and the qualified set has 31 elements in Shodhganga as shown below. However, the following metadata elements are used to describe essential elements of the thesis submitted to Shodhganga:

SN	DC Fields	Qualifier	Descriptions
1	title		Title of the thesis along with subtitle.
2	title	alternative	Alternate title, if any, of the thesis
3	creator	researcher	Main responsible person of the “work”, mostly the research work
4	subject	keyword	If subject keywords drawn from the thesis title and abstract
5	description	abstract	Abstract of the thesis
6	description	note	Any information available in the thesis for the
7	description	release	In case any errata etc. released by the researcher.
8	contributor	guide	Repeatable, in case of co-guide
9	publisher	place	Place of the publication
10	publisher	university	Name of the publisher, mostly the name of the university that granted the Ph.D. award.
11	publisher	institution	Name of the institution, mostly the name of the institution that granted the Ph.D. award.
12	date	registered	Ph.D. registration date
13	date	completed	Ph.D. completion date

SN	DC Fields	Qualifier	Descriptions
14	date	awarded	Ph.D. awarded date. According to ISO 8601 dates YYYYMMDD
15	type	dcmitype	(Text/ETD, Software, Moving Image) will be selected from the dropdown
16	format	medium	PDF file, Image file, Text file, etc. (to be auto identified by System)
17	format	extent	Pagination details in case of text, bytes in case of software and duration in case of moving image.
18	format	dimensions	Size of the dissertation
19	format	accompanying material	Accompanying material, if any, released with the thesis. Mandatory, if available.
20	identifier	uri	Uniform Resource Identifier. Mostly the URL.
21	identifier	thesis number	Thesis number, if any, is provided by the INFLIBNET Centre to the thesis.
22	identifier	handle	Handle number, if any provided to the thesis (as case of DSpace).
23	source	uri	If the thesis is harvested from the online source
24	source	university	If the thesis is submitted by the university.
25	source	selfsubmission	If the thesis is submitted by the research scholar himself/herself
26	source	guidesupervisor	If the thesis is submitted by the research guide/ supervisor
27	source	inflibnet	If the thesis is submitted by the INFLIBNET Centre.
28	language		Language of the thesis
29	relation		Any other relation with the thesis available
30	coverage	spatial	Time period or region related coverage
31	rights		Copy right of the thesis. Mostly copy right lies with the university/institution.

DC fields for Shodhganga
